

ANNUAL REPORTS

OF THE

SEVERAL DEPARTMENTS

OF THE

CITY GOVERNMENT OF HALIFAX,

NOVA SCOTIA,

FOR THE MUNICIPAL YEARS

1881--2 AND 1882--3.



HALIFAX:
PRINTED BY BLACKADAR BROS.
1883.

August 22, 1946

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

City Engineer's Office,
City Hall.

GOVERNMENT
OF THE
OF HALIFAX,
STOOD IN OCTOBER, 1882.

MAYOR:

GEORGE FRASER, Esq.

ALDERMEN:

- No. 1.—ROBERT SEDGEWICK,
WM. F. MACCOY,
J. C. MACKINTOSH.
- “ 2.—THOMAS SPELMAN,
THOS. TRENAMAN, M. D.
ALEX. HESSLEIN.
- “ 3.—ROBERT MOTTON,
B. A. SMITH,
ALEX. STEPHEN, Jr.
- “ 4.—GEORGE McLELLAN,
PATRICK O'MULLIN,
FRANCIS O'CONNOR.
- “ 5.—LAWRENCE HOULETT,
WILLIAM WOODILL,
JAMES SHAND.
- “ 6.—WILLIAM NISBET,
DAVID McPHERSON,
EDWARD O'BRYAN.

SENIARY MAGISTRATE—HENRY PRYOR.
RECORDER—NORMAN J. RITCHIE.
TREASURER—EDWARD G. W. GREENWOOD.
CLERK—THOMAS RHIND.
MARSHAL—GARRET COTTER.
ENGINEER—EDWARD H. KEATING.
AUDITOR—JOHN A. BELL.

GOVERNMENT
OF THE
CITY OF HALIFAX
AS IT STOOD IN OCTOBER 1883

MAYOR

[Extract from Minutes of City Council, May 9th, 1883.]

RESOLVED, That the several City Departments be required to send in their reports brought down to 30th April, 1883, with a view to their publication, and resolved that Aldermen MacCoy, Stephen and O'Bryan be a Committee to have the same prepared and published. (Passed.)

[A true extract.]

THOS. RHIND,
City Clerk.

CITY ATTORNEY—JOHN A. BULL
CITY TREASURER—EDWARD H. KEATING
CITY CLERK—THOMAS RHIND
CITY ENGINEER—EDWARD C. W. GREENWOOD
CITY INSPECTOR—NORMAN J. RITCHIE
CITY SURVEYOR—HENRY FRYOK

ESTIMATE FOR 1882-3.

THE Committee of Public Accounts beg to submit, for the consideration of the City Council, the Estimate of Civic Expenditure for the years 1882-83.

SALARIES :

His Worship the Mayor	\$1000 00
His Honor the Recorder	1200 00
The City Treasurer and his Assistant, (part.)	2400 00
The City Auditor	1350 00
The City Clerk	1400 00
The Assistant Clerk	800 00
The Second Assistant Clerk	300 00
The Clerk of Licenses	600 00
Inspector of Assessments	1000 00
Ward Assessors	1000 00
Keeper of City Clerk	100 00
Keeper of City Building	200 00
City Medical Officer	1000 00
Clerk to Board of Health	100 00
Amount allowed Collectors of City and Water Rates	1100 00
Stipendiary	2000 00
Engineer	2000 00
Board of Works	1800 00
	\$18,650 00
<i>Carried forward</i>	\$18,650 00

Amount brought forward \$18,650 00

POLICE DEPARTMENT:

Salary of City Marshal	\$ 1200 00
Salaries of Deputy Marshals (2) \$700 each	1400 00
Salary of City Detective	600 00
Six Police Sergeants, \$500 each	3000 00
32 Policemen, \$442 each	14,080 00
Clothing for 41 men, \$40 each	1640 00
Keeper of Lock-up	56 00
	<u> \$21,976 00</u>

FIRE DEPARTMENT:

Salary of Telegraph Operator	\$ 300 00
Maintenance of Fire Alarm	200 00
Maintenance of Steam Fire Engines ..	800 00
Ordinary Expenses	4200 00
New Hose	1200 00
Waterside Protection	400 00
Bell for Queen Street Engine House ..	200 00
	<u> \$ 7300 00</u>

CITY PRISON:

Salary of Governor and Matron, \$750 and \$250 each	\$1000 00
Salaries of Underkeepers and Officials	2400 00
Repairs of Prisons and Buildings	800 00
Maintenance	3000 00
	<u> \$7200 00</u>
Less probable income	800 00
	<u> \$ 6400 00</u>

BOARD OF CITY WORKS:

Repairs of City Property	\$ 3000 00
Streets--Labor and Material	25,000 00
	<u> \$ 28,000 00</u>

Carried forward \$ 82,326 00

ESTIMATE.

7

Amount brought forward.....\$ 82,326 00

INTEREST :

Old Street Loan, D. C., \$14,600 6 p. c.	\$ 876 00
Funded Debt, \$24,000 5½ p. c.	1284 83
Current Interest	6000 00
2½ per cent rebate	1500 00
Consol. Stock, \$62,085 5 p. c.	3103 00
Prison Debentures renewed	2145 00
Hospital Debentures renewed	2160 00
Sidewalks, \$5062 5½ p. c.	278 00
	<u>\$17,346 83</u>

MISCELLANEOUS :

Gas and Fuel for City Buildings	600 00
Gas Company, say 335 Lamps	8000 00
Printing and Stationery	1000 00
Premiums of Insurance	200 00
Allowance to Mrs. Tobin	101 28
Oil Lamps	1000 00
Brick Sidewalk (Sinking Fund)	400 00
Allowance for short collection of Rates	11,825 89
Industrial School	780 00
Inspector of Buildings	100 00
	<u>\$ 24,007 17</u>

Carried forward.....\$123,680 00

00 0000 00
Amount brought forward.....\$123,680 00

CONTINGENT ACCOUNT:

For this amount for current year....\$ 4000 00
 _____\$127,680 00

LESS PROBABLE INCOME:

Auction and Liquor Licenses.....	\$11,000 00
Cabs, Trucks, Express, and other Licenses.....	1000 00
Fees City Court, Judgment Fees, etc., from all sources.....	7000 00
Fees, etc., received from City Marshal	1000 00
Fees, etc., Detective Service.....	100 00
Rents of City Property....	5000 00
Dog Tax.....	600 00
Dry Dock.....	2000 00

	\$27,700 00

	\$99,980 00

EXTRA ASSESSMENTS, UNDER SPECIAL ACTS:

City's proportion of County Asses- ments.....	\$17,570 00
Allowance for short collection of do.	1757 00
City's proportion of Maintenance of Poors' Asylum.....	14,000 00
Allowance for collection...	1400 00
Public Schools, per estimate.....	64,820 00
Allowance for short collection of do.	6482 00
Estimate for Sanitary purposes....	400 00
Revisors of Electoral Lists.....	200 00
Maintenance of the Public Park....	1000 00
Maintenance of the Public Gardens..	2000 00
Maintenance of the Public Library..	1200 00
Dominion Exhibition 1881.....	3000 00

	\$113,829 00

<i>Carried forward</i>	\$213,809 00

Amount brought forward \$213,809 00

DEBENTURES IN N. S. CURRENCY:

Interest on Debentures Poors' Asylum,
\$30,000, 6 p. c. \$ 1752 00
————— \$ 1,752 00

DEBENTURES IN DOMINION CURRENCY:

Interest on Sewerage Loan Debentures,
\$40,000, 6 p. c. \$ 2400 00
 Interest on Sewerage Loan Debentures,
\$40,000, 6 p. c. 2400 00
 Interest on Sewerage Loan Debentures,
\$30,000, 6 p. c. 1800 00
 Interest on Public Gardens Debentures,
\$15,000, 6 p. c. 900 00
 Interest on Exhibition Loans 1500 00
 Interest on Consol. Stock, \$203,194,
5 p. c. 10,159 00
 Interest on New Loan, \$100,000, 5 p. c. 5000 00
 Sinking Fund for do. 3000 00
 Debentures unpaid, \$23,786, 6 p. c. . . 1427 00
 Allowed to make up 10 p. c. 385 00
————— \$ 28,971 00
\$244,532 00

For ordinary City purposes, \$99,980, and for extra assessment, \$144,552. Total assessment for 1882-83, being \$244,532, as passed by City Council, 16th August, 1882.

THOMAS RHIND, *City Clerk.*

CITY AUDITOR'S REPORT.

CITY AUDITOR'S OFFICE,

Halifax, 28th August, 1882.

SIR,— In compliance with the law and usage, I have the honour to submit to Your Worship and the City Council a General Report upon the financial affairs of the City. Since the last Annual Report was presented the Funded Debt has been increased by the loan of \$100,000, effected for the purpose of funding part of the Floating Liabilities. The total amount of the Funded Debt may now be stated at \$1,591,945, which amount includes \$165,758, being the proportion of liability incurred by the City, for the purchase and equipment of buildings and premises connected with the Public Schools. During the past few months the balances due to the Halifax Banking Company, the County of Halifax, the Commissioners of Schools, and the Board of Public Charities, on 1st May, 1882, amounting in all, at that date, to \$152,139, have been paid off. I regret to say that the outstanding Rates which were relied upon to recoup the City for the temporary loan of \$60,000, have not realized what was expected from them, although a large margin was allowed for loss in collection. The amount of the Floating Debt may possibly also be augmented by the addition of two very considerable claims which were not taken into account, namely, one from the Commissioners of Schools of nearly \$10,000, and another from the Board of Public Charities of nearly \$8000. In the case of the Commissioners of Schools, the contention is that the City Council declined on several occasions to include the whole amount required for the support of the schools in the annual civic assessment, and that having no other legal resource, and having been obliged in the meantime to borrow from the Banks, the Commissioners have now to look to the City Council for reimbursement. The claim of the Com-

missioners of Public Charities is somewhat different. The Commissioners are empowered by law to ask a certain amount annually for the maintenance of the Poor's Asylum and Hospital, and the amount submitted annually to the City Council as being required for the purposes named has always been voted. It appears however from accounts recently presented by the Board of Charities that the sums annually asked for during the past few years have been less than the Commissioners considered that they were entitled to claim, and having meanwhile contracted obligations with the Banks they are now compelled to look to the City for assistance.

During the past year a considerable amount of 6 per cent debentures has been converted into 5 per cent stock. The whole of the Lockman Street Extension debentures amounting to \$132,000, N. S. currency have been so converted.

A number of other debentures, namely, those for Sidewalks, the Old Street Loan, the Fire Engine Houses, the New Funded Debt, and some smaller loans have been partially replaced and would have been entirely so had it not been for a difficulty which as Your Worship and the Council are aware, occurred with the Halifax Bank, where a portion of the funds borrowed for the purpose of replacing the debentures was at the time deposited. I have reason to believe however that the difficulty referred to will ere long be satisfactorily adjusted.

The Annual Estimate recently passed by the City Council, amounting to \$244,532, is larger considerably than any previous estimate, and the rate per centum, \$1.62, is also in excess of any previous rate. It cannot be uninteresting to enquire into the cause of this larger increase. An examination of the items will show that it is not, at all events, due to any marked addition to the amounts allotted for the maintenance of the several Civic Departments. The sum placed at the disposal of the Board of Works (\$28,000) is much less than the appropriation of some former years; the cost of the Police Department, except by the restoration of the ten per cent, has not been increased; the estimates for the City Prison and the Fire Department have been in fact reduced, and with regard to the latter, I think it but due to the Department to say that nowhere on this Continent—at least so far as I can learn—is there a Fire Department at once so efficient as ours is admitted to be and conducted upon a scale so economical. The increase of the estimate

will be found in two or three items; for instance, a sum of \$5000 is added to the interest account, being the interest at 5 per cent on the new loan of \$100,000. In addition to this, a further sum of \$3000 was required to be assessed as a Sinking Fund for said loan. The sum required for County purposes is \$2000 more than that of last year. It will also be observed that the estimate includes \$21,849 for expected loss in collection. This latter item though it may seem excessive, is, if we may judge from the experience of the past, none too large for the purpose. Indeed it may be safely averred that had a similar course been adopted in past years, most, if not all, of the loans taken up for deficiencies might have been adopted.

As regards the rate per centum, that, as Your Worship and the Council are aware, is largely regulated by the amount of property returned for assessment. The whole amount returned for the year 1882-83—exclusive of Bank and other stock rated at $\frac{3}{4}$ per cent on the capital—is \$14,168,893, the proportion of real estate in this total being \$10,863,834. This is just one million dollars less than real estate was valued in 1874, while personal property, which in that year was rated—exclusive of Banks and Companies—at \$4,715,728, is this year returned at \$3,305,059.

In the year 1873-74, the whole amount returned for assessment was \$19,772,543, and in the year following, 1874-75, the total was \$19,889,552, and this, mainly under the operation of the same Acts as are now in force. Making every allowance for subsequent depression in business, and also for the different mode now in use of assessing the Banks and other chartered institutions, it seems unaccountable that the resources of the City in personal property—in which the principal falling off has occurred—are less now than they were six years ago.

Our population, though it may not have increased very rapidly, is certainly greater than it was at that date. The business of Halifax has no doubt changed in many respects, but no one supposes that the volume of transactions has diminished, or that the community upon the whole has declined in actual wealth. The City of St. John, N. B., whose population is known to be less than that of Halifax, and generally believed to represent far less taxable resources, makes a return for assessment this year of \$20,318,300.

Under all the circumstances it does seem reasonable that the City of Halifax ought to shew a valuation for assess-

ment of at least \$20,000,000. The result of such a basis for assessment would be, as is well known to Your Worship and the Council, not a higher but a lower rate of individual taxation. The Civic Estimate of this year for instance, large as it is, if calculated upon a taxable area of \$20,000,000, would not exceed \$1.25 per centum. In other words, a citizen rated upon \$4000, would at \$1.25 per centum pay \$50; at \$1.62 on the same amount, the tax will be \$64.80. It is to be hoped that the next attempt to remedy this and other irregularities by means of legislation will prove more satisfactory than the last.

I feel it to be proper to make special reference to the financial condition of the Water Department. The Water Department is indebted in a considerable amount to the Banks, and there are uncollected rates sufficient, or nearly so, to meet the liability, though it may take some time to realize them. A more serious matter connected with the Water Department is the fact that the revenue for the past three years has been declining, and this, notwithstanding that the charges for water in some special cases have been considerably advanced. I refer here, not to the annual amount collected, but to the amount assessed, and there seems to be no way of accounting for the decrease, except by the decline in valuations based upon rental, such decline being undoubtedly greatest in the older portions of the City supplied with water. For the year 1878-79, the amount assessed for water—exclusive of agreements and contracts—was \$58,537.33; in 1879-80, it was \$56,725.95; in 1880-81, it was \$53,395.66. In the year ending 30th April, 1882, the assessment was \$53,913.48, thus shewing a slight increase, but the whole income computed from the Water Works in 1881-82 was only \$61,170.91, as compared with \$64,121.43, in the year 1878-9.

The total annual interest in the Water Debentures which are nearly all at 6 per cent and must remain so for some years, is \$43,698, and the expense of running the department, including payment of current interest, cannot be put down at less than \$11,000; it would be safer to say \$12,000. Should the assessment of the present year be no greater than the last, there will thus remain a margin, say of \$5500, or about 10 per cent for short collections, a sum which certainly ought to cover the deficiency.

As a matter of fact, however, the loss in collection during the past few years, has been equal to 12, or even 13 per

cent. It is possible that the returns for assessment this year may exceed those of the year previous, and I have the authority of the Inspector of Assessments for the statement that rents have advanced somewhat in certain localities, also that the number of shops and dwellings unoccupied is less than it was a year ago. As regards collections, the appointment of special collectors has undoubtedly been a great advantage as is clearly proved by the collections up to this date.

By the original Act for Water Supply passed in 1861, and that for the construction of the High Level Service in 1866, it is enacted that any deficiency in the water rates to meet current expenses or interest, shall be made good by general assessment upon the citizens, a necessity which so far has not arisen. To prevent such necessity and place the Water Department on a sound footing it is timely to consider whether the present tariff of water rates might not be slightly revised so as to produce a larger income. It is also worthy of consideration whether a return to the original Act under which the Department was operated for some time, and which made the owners of property liable for the rates, instead of the tenants, would not be advisable. If the Water Department is to be made self-sustaining as it ought to be, and as it has been up to a recent date one or both of the courses indicated would seem to be unavoidable.

The books and vouchers of revenue and expenditure in the offices of the City Treasurer, the Water Department, and the City Clerk, have been examined up to the beginning of August, 1882, and found correct.

I have the honour to be, Sir,

Your obedient servant,

J. A. BELL,

City Auditor.

HIS WORSHIP THE MAYOR, &C., &C.

STREETS AND INTERNAL HEALTH.

Statement of Expenditure from 1st May, 1881, to 30th April,
1882.

1880.	DR.		
May 4.	Requisition from Board of Works—		
	Jubilee road, etc	\$	203 90
11.	do. do. Morris street		183 46
18.	do. do. Park street		150 21
25.	do. do. do.		130 27
June 1.	do. do. Grading sidewalks,		233 60
8.	do. do. do.		175 20
15.	do. do. do.		280 13
22.	do. do. South street		215 33
23.	do. do. Pd. prison for stone		917 52
	do. do. General repairs		120 22
July 6.	do. do. Blakley for grading		225 95
13.	do. do. Blakley for grading		176 51
27.	do. do. Poor Relief Assoc'n.	2527	28
	do. do. Work on North st.	336	34
28.	do. do. General work.	208	30
	do. do. Blackadar Bros	17	00
Aug. 19.	do. do. Water North st.	101	18
	do. do. General Work	224	78
Sept. 1.	do. do. A. Yeadon, granite.	305	00
8.	do. do. General Work	217	55
15.	do. do. do.	120	82
	do. do. do.	343	30
	do. do. do.	410	19
	do. do. do.	410	19
	do. do. do.	454	08
21.	do. do. do.	649	88
	do. do. do.	125	00
26.	do. do. Smith & Kaye's Ac-		
	count—Drain pipes, etc.	303	40
Oct. 7.	do. do. Insurance on crush'r	3	00
	do. do. General Work	682	95
	do. do. McQuarry, for well	28	00
13.	do. do. General Work	743	49
	do. do. do.	860	62
	do. do. do.	602	04
Nov. 1.	do. do. do.	43	85

Nov. 1.	Do. from Board of Works—General Work	\$	881 56
	do. do. do.		727 20
11.	do. do. A. Yeadon, Granite		716 98
1882.			
Jan. 4.	do. do. General Work		737 63
Feb. 1.	do. do. Paid Sundry Ac-		
	counts		108 62
	do. do. do.		21 46
	do. do. Sewer Cogswell St.		17 67
1.	do. do. R'ing Jubilee Rd.		20 06
	do. do. General Repairs...		60 68
	do. do. do.		49 56
	do. do. do.		631 46
Apl. 30.	do. do. A. Yeadon— for Crossing		118 60

INTERNAL HEALTH.

1881.			
May 4.	Requisition Removing Ashes		243 52
11.	do. Work at Exhibition Grounds, &c		158 76
18.	do. do. do.		94 34
25.	do. do. do.		56 24
June 1.	do. John Naylor		420 00
2.	do. General Work		96 80
8.	do. Removing Ashes		125 22
15.	do. do.		121 53
18.	do. John Naylor		450 00
22.	do. Cl'ing Crossings & Gratings		112 60
	do. Nicholson and others		124 30
29.	do. do. do.		109 30
	do. John Naylor		450 00
16.	do. do.		450 00
July 2.	do. do.		111 76
20.	do. do.		99 94
28.	do. do.		119 05
Aug. 1.	do. do.		450 00
31.	do. Nicholson		124 78
	do. do.		98 00
	do. John Naylor		450 00
	do. do.		27 10
24.	do. do.		169 55
	do. General Work		121 66
	do. do.		450 00
Sept. 1.	do. John Naylor		

Sept. 1.	Requisition, General Work \$	173 37
15.	do. John Naylor	450 00
	do. do. Clearing up	128 78
	do. Nicholson	145 23
	do. do.	180 62
Oct. 3.	do. John Naylor	450 00
	do. Nicholson	152 70
11.	do. General Work	118 48
12.	do. Nicholson	140 22
15.	do. John Naylor	450 00
19.	do. Nicholson and others	131 44
26.	do. do.	124 58
Nov. 2.	do. do.	160 94
5.	do. do.	450 00
	do. do.	300 00
16.	do. Keep of Horse, &c	50 97
	do. Removing Ashes	131 69
	do. McLaughlan & Co's. Account.	20 80
Dec. 10.	do. Nicholson and others	51 50
	do. General Work	52 60
	do. do.	41 26
	do. John Naylor	246 66
14.	do. General Work	58 45
21.	do. Clearing Gratings	41 04
22.	do. Keep of Horse, &c	37 72
1882.		
Jan. 4.	do. Repairs Watering Carts	166 02
11.	do. Clearing Gratings	40 04
18.	do. General Work	29 68
25.	do. do.	38 04
Feb. 1.	do. do.	31 82
8.	do. do.	41 16
15.	do. do.	202 07
Mar. 1.	do. Removing Snow	176 87
8.	do. do.	248 07
	do. do.	76 61
15.	do. do.	46 00
22.	do. do.	51 30
29.	do. do.	51 98
Apl. 5.	do. do.	37 51
	do. General Work	45 62
	do. John Naylor	50 00
	do. General Work	40 80

Apl. 30.	Requisition, Clearing Gratings.....	\$	43	10
	do.		40	90
			<hr/>	
			\$27,390	92
	Less Requisition unpaid ..		38	04
			<hr/>	
			\$27,352	88
			<hr/>	

REPAIRS CITY PROPERTY.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.				
May 1.	Requisition for Coal.....	\$	34	69
11.	do. Work at Exhib'ion Bld'gs		6	40
18.	do. Paid sundry accounts...		66	13
25.	do. Insurance.....		22	70
June 1.	do. do.		11	75
	do. Paid Revisor 2 weeks...		8	00
Sept. 1.	do. Ins. Exhibition Build'gs.		70	00
	do. H. Kerr, for clock.....		25	00
	do. do.		25	00
Oct. 4.	do. J. E. M. Taylor, paint- ing offices.....		179	42
	do. Fencing lots at Fresh Water.....		6	30
	do. Repairing Fences.....		23	75
	do. G. Wiswell's Acct.....		35	00
	do. G. H. Bowser.....		4	00
	do. Wm. Roche, coal, etc....		24	30
	do. Watson & Myers, Acct...		5	77
	do. Sundry Accounts.....		69	52
	do. do.		17	05
	do. G. H. Bowser.....		4	00
	do. J. E. M. Taylor and others		155	44
	do. Paid Bowser and others..		34	97
	do. Insurance ..		16	55
Nov. 14.	do. Black Bros., & others Acct		20	18
	do. G. W. Bowser and others		7	37
Dec. 3.	do. Fence Exhibition Build'ng		14	54
	do. Insurance and work.....		70	53

Dec. 14.	Requisition for Keeper of Clock....\$	25 00
	do. Sundry Accts. per work.	36 20
17.	do. G. P. & J. C. Henry,	
	Taxes returned.....	45 31
31.	do. Finances, etc., Exhibition	
	Building.....	11 00
	do. Ins. Fish Market.....	25 50
1882.		
Jan. 3.	do. Paid for coal.....	104 08
	do. Registration of Deeds...	3 55
18.	do. G. W. Bowser.....	4 00
	do. Paid Sundry Accts.....	28 43
	do. Paid McLearn & Co., Re-	
	moving Safe.....	24 42
April 5.	do. Paid Sundry Accounts for	
	Repairs.....	75 44
	do. Paid Hx. Insurance Co.	10 80
	do. Paid S. Sichel.....	250 00
	do. Paid Cunard & Co. coal.	8 00
12.	do. Paid G. W. Bowser.....	4 00
26.	do. Paid do. Wages	
	and Work.....	6 40
	do. Insurance on Market...	30 00
	do. Cunard & Co. for Coal, etc.	513 67
	do. G. W. Bowser.....	8 00
	do. McEwen & Co. for Blinds.	12 50
	do. G. W. Bowser.....	4 00
	do. Cunard & Co. for Coal..	77 04
	do. This amount charged to	
	Streets by mistake.....	51 73
	do. Insurance.....	37 50
		<hr/>
		\$ 2354 93
	Less overcharge.....	16 97
		<hr/>
		\$ 2337 96
		<hr/>

THE PRISON AT ROCKHEAD.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

May 2.	Paid W. Murray for Prisoners.....\$	11 31
	Theakston & Angwin, hardware	5 42
	J. H. Barnstead, Leather	10 71
	do. do.	8 88
	do. do.	3 33
	do. do.	6 31
	A. Duffield for Oil	12 49
	McIntosh and McInnis, Work	10 54
	A. Fordham, Leather	7 57
	Moir & Co., Pilot Bread	36 92
	J. P. & J. C. Henry, Ox-heads.....	14 40
	Pay Sheet for April	257 67
	R. O'Brien, Cab hire	3 50
	A. Monaghan, Dry Goods.....	5 33
	J. J. Walker for Straw	36 80
	Theakston & Angwin, Hardware	2 70
	Pay of Men for May.....	241 72
	A. M. Bell, Hardware	1 29
	Charles Raine, Pickets.....	18 00
June 22.	M. Sheehan, Puncheons.....	1 15
	James McLearn, Straw	18 75
	do. do.	7 03
	O'Connor & Co., Homespun.....	32 28
	do. do.	24 53
	Thomas Clay, Meal	39 19
	W. Tolsen, Homespun	17 20
	Pay Sheet for June	253 72
	J. Duggan & Sons, Hay	23 25
	J. H. Nisbet	11 32
Aug. 1.	John Holland, Shoeing	3 75
	John Hogan & Sons, Lime.....	1 50
	do. do.	3 00
	do. for Lumber	19 88
	Pay Sheet for July	253 72
31.	Chipman Bros., for Mower	39 95
	C. & W. Anderson, Groceries.....	3 44
	Charles Raine, Fencing	22 50
	E. Hyde, for Oats.....	78 00

Sept. 16.	O'Connor & Co., Dry Goods.....\$	5 80
	Morrison & Co., for Fish.....	6 00
	O'Connor & Co., Homespun.....	22 73
	Morrison & Co., Fish and Oats.....	12 00
	Lordly and Stimpson, Molasses.....	74 95
	Roger O'Brien, Cab hire.....	6 50
	George Rent, Hardware.....	21 01
	O'Connor & Co., Cotton, etc.....	13 95
	W. Murray, Brooms.....	3 60
	E. Morrison & Co., Fish.....	9 00
	John Davidson, Hay and Straw.....	18 08
	O'Connor & Co., Homespun.....	36 31
	McIntosh & McInnis, Lumber.....	17 77
	J. J. Walker, Straw, etc.....	6 16
	do. do.....	8 30
	R. O'Brien, Cab hire.....	3 00
Oct. 11.	McIntosh and McInnis, Lumber.....	10 54
	A. M. Bell, Hardware.....	6 92
	Pay of Men for September.....	216 72
	do. August.....	253 72
22.	D. M. Story, Supplies.....	53 31
	Crease and Hoppood, do.....	26 90
	W. D. Harrington, do.....	79 76
	Theakston & Angwin, Hardware.....	2 83
	A. F. Buckley, Drugs.....	12 07
	J. O'Connor, Horse-shoeing.....	3 75
	Jas. O'Brien, Cab hire.....	3 00
	J. Hogan & Son, Lumber.....	3 42
	E. Morrison & Co., Fish.....	5 00
	Theakston & Angwin, Nails.....	4 50
	John Davidson, for Hay.....	9 68
	C. & W. Anderson, Groceries.....	15 65
	do. Molasses & Meal.....	77 60
Nov. 1.	Pay of Men for October.....	216 67
	W. D. Harrington, Supplies.....	38 83
5.	J. P. & J. C. Henry.....	67 92
	Rev. P. Dannahar, Chaplain.....	187 50
	Rev. A. Romans do.....	187 50
	E. Morrison, Fish.....	4 00
	A. Fordham, Leather.....	25 51
14.	John Allen & Sons, Fish.....	2 50
	Theakston & Angwin, Hardware.....	3 79
	H. B. Fidler, Sleigh Pad.....	1 00
	G. P. & J. C. Henry, Ox-heads.....	12 96
	Theakston & Angwin, Hardware.....	11 46

Nov. 14.	Morrison & Co., Fish	\$ 4 00
	W. D. Harrington, Groceries	102 82
Dec. 1.	Moir & Sons, Pilot Bread	39 73
	do. do.	25 95
	do. Biscuit	39 75
	do. do.	28 16
	do. do.	62 10
	J. Hogan & Sons, Lumber	3 90
	Chris. Connolly, Cab hire	3 50
	Pay Sheet for November	216 67
1882.		
Jan. 3.	O'Connor & Co., Dry Goods	28 78
	do. do.	39 32
	do. do.	95 88
	W. Murray, for Coats, &c., at auction	38 24
	Pay of Men for December	216 67
	G. P. & J. C. Henry, Ox-heads	11 76
	W. D. Harrington, Groceries	77 35
	Insurance paid "Queen's"	57 45
	Morrison & Co., Oats, &c.	98 50
Feb. 3.	A. Fordham, Leather	8 39
	Theakston & Angwin, Nails	2 94
	Pay of Men for January	216 67
Apl. 1.	Doull & Miller, Blankets	54 00
	Pay of Men for February	216 67
	W. Tolson, Homespun	56 40
	Moir & Son & Co., Bread	77 28
	R. O'Brien, Cab hire	3 00
	R. Robinson, do.	3 00
	D. M. Story, Supplies	48 65
	O'Connor & Co., Homespun, &c.	27 01
	George Rent, Stoves, &c.	58 77
	E. Morrison & Co., Fish	16 00
	W. N. Brown, Repairing of Waggon	5 40
	A. Fordham, Leather	12 50
	Chris. Connolly, Cab hire	2 50
	Lordly and Stimpson, Meal, &c.	35 62
	C. W. Anderson, Molasses, &c.	69 45
	J. O'Connor, Horse-shoeing	19 89
	J. M. Taylor, Turpentine	1 40
	J. Woodill & Son, Beef, &c.	11 25
30.	H. B. Fidler, Repairing of Harness	8 50
	A. Buckley, Medicines	17 55
	Crease & Hopgood, Meal, &c.	20 80
	Pay of Men for March	216 67

Apl. 30.	A. Fordham, Leather.....	\$	15	37
	Morrison & Co., Fish.....		4	00
	C. Connolly, Cab hire.....		4	00
	B. A. Smith, Blankets.....		16	00
	McIntosh & McInnis, Lumber.....		5	07
	W. D. Harrington, Meal, etc.....		71	26
	do. do.		44	41
	O'Connor & Co., Bed Tick, etc.....		2	11
	Jas. Duggan & Sons, Tea, etc.....		11	02
	W. Roche, Jr., for Coal.....	423	98	
	Board of Works, for Work.....		8	56
	Dodd, Cairns, & Co., Cotton.....		5	70
	A. Fordham, Leather.....		9	22
	Moir & Co., Bread.....		8	65
	John Hogan & Sons, Lime.....		1	50
	Theakston & Angwin, Nails.....		5	71
	Morrison & Co., Fish.....		9	00
	A. Fordham & Co., Leather.....		2	93
	Theakston & Angwin, Nails, etc.....		2	42
	T. Walsh & Co., Brushes.....		3	00
	Geo. Yates & Co., Slippers.....			75
	Vaux & Co., their Account.....	34	53	
	J. Hogan & Sons, Lumber.....	22	80	
	Estate D. Hoskins, Cab hire.....		4	00
	Thos. Spelman, Repair of Carts.....		26	35
	John Parker, Ox-heads.....		58	20
	Pay Sheet for April, etc.....		245	68
		\$	6800	78

SEWERAGE.

*Statement of Receipts and Expenditure from 1st May, 1881,
to 30th April, 1882.*

1881.	DR.		
May 1.	To Balance.....	\$	2181 16
Dec. 6.	Paid R. Wood on Contract, \$425 62		
1882.			
Jan. 20.	Paid R. Wood on Contract, 704 81		1130 43
	(Paid out \$1130 43.)		
		\$	3311 58

1881.		CR.	
June 25.	By Amount received from A.		
	McNab and others....	\$ 189	37
July 2.	do. McDonald.....	112	50
11.	do. do.	123	75
Aug. 1.	do. Thomas Bullock..	134	37
Oct. 19.	do. Henry Romans...	130	00
Nov. 5.	do. James Gordon ...	65	37
	do. J. Venables and others..	13	00
18.	do. Hubley.....	32	45
Dec. 6.	do. James Moren. ...	124	37
1882.			
Jan. 12.	do. Mrs. Uniacke....	113	75
Mar. 27.	do. Sundries on Morris Street.....	181	24
	do. C. J. Stewart, per Recorder.....	167	50
	do. Estate of Smithers	95	00
	do. Estate of Barton..	72	50
Apl. 21.	do. W. Esson per Re- corder....	138	12
	do. fm. sundry parties.	419	51
		\$	2113 10
	(Cash received, \$2113 10.)		
	Amount overdrawn.....	\$	1198 49

THE FIRE DEPARTMENT.

Statement of Expenditure from 1st May, 1881 to 30th April, 1882.

1881.		DR.	
May 2.	Paid Joseph Murphy	45	83
3.	Protection Fire Company.....	400	00
6.	Halifax Gas Company	151	50
	do. do.	84	50
	Gutta Percha Co. for Hose ..	1480	00
June 1.	Joseph Murphy	45	83
	do. for Painting.....	2	00
	do. Extra Work... ..	10	80
	Mulcahy and Toole.....	66	66

June 1.	O'Brien and Sheppard.....	\$ 146 25
	J. A. Grant, Rent Reel House.....	50 00
	Austen Bros. for Oil.....	33 47
July 29.	A. Fordham, Leather.....	1 40
	S. Cunard & Co., Coal.....	31 75
	George Rent, Repairs	6 63
	H. H. Fuller & Co., Hardware .. .	45 13
	Brown & Webb, Vitriol.....	33 69
	M. Flinn, Brown Soap, &c.....	11 65
	Reilly & Davidson, Coppering .. .	12 60
	J. Connolly, Stationery.....	30 90
Aug. 31.	J. Hogan & Sons, Cordwood.....	16 85
	A. J. McDonald, Weight, &c.....	3 10
	Thos. Forhan, Connecting Hose.....	10 12
	Wm. Roche, for Coal.....	22 10
	Mulcahy & Toole	66 66
Sept. 1.	J. J. Murphy.....	45 83
20.	Mulcahy & Toole	66 66
	Halifax Gas Co., Engine Houses.....	97 00
	do. do.	54 75
July 2.	R. Baxter for Chairs	11 90
	John Patterson, Repairing.....	8 20
	Halifax Gas Co. for Oil.....	3 20
	J. J. Murphy, Salary	45 83
	Ladder Company	37 50
	A. G. McDonald	75 00
	do. for Battery Jars	30 85
	Mulcahy & Toole.....	66 66
Aug. 6.	J. J. Murphy	45 83
	Forsyth & Sutcliffe, Oil	4 30
5.	W. H. Brown, Grinding Axes.....	1 75
	Mulcahy & Toole.....	66 66
Oct. 1.	J. J. Murphy	45 83
	John Ead, Contingent.....	50 00
	A. J. McDonald.....	75 00
	Ladder Company	37 50
21.	Mulcahy & Toole.....	66 66
Nov. 1.	J. J. Murphy.....	45 83
7.	Secretary Fire Wardens.....	60 00
	A. G. McDonald, Repairing Alarm... ..	483 75
	T. W. Bateman, Repairs, &c	29 35
	J. J. Murphy.....	19 60
	O'Brien & Sheppard, Moving Engines .. .	38 00
	R. Sheppard, Moving Reels.....	7 35
	T. Spelman, Repairing Engines.....	217 00

Nov. 7.	Reilly & Davidson, Oil Cans.....\$	1 90
	H. H. Fuller, Emory Cloth, &c.....	12 74
	do. do.	13 45
	W. H. Brown, Sweeping Chimnies...	70
	W. Flinn, Brushes, Brooms, etc.....	11 28
	A. Stephen & Son, Chairs.....	23 70
	James Butler & Co., Oil.....	19 65
	W. N. Brown, Repairing Ladders...	9 40
	Protection Company.....	400 00
	do.	200 00
	Lawson, Harrington & Co., Oil.....	12 15
	Mulcahy & Toole.....	66 66
	S. Cunard & Co., Coal.....	26 89
Dec. 6.	J. Hogan & Sons, Cordwood.....	7 65
	J. Connolly, Picture Frames.....	3 92
	J. T. Murphy, Salary.....	45 83
	Mulcahy & Toole.....	66 66
	John Ead, Contingent Fund.....	56 00
1882.		
Jany. 1.	J. T. Murphy.....	45 83
	Ladder Company, 3 months.....	37 50
	Mulcahy & Toole.....	66 66
	Axe and Ladder Company, 1880-81..	100 00
	do. do. 1881-82..	100 00
	J. T. Murphy.....	45 83
Mar. 1.	J. T. Murphy.....	45 83
	John Ead, his Account.....	40 00
	Mulcahy & Toole.....	66 66
	J. Morriscey.....	39 57
	do.	4 65
	do.	21 15
Apl. 1.	Halifax Gas Company.....	97 75
	Mulcahy & Toole.....	66 66
	J. T. Murphy, Painting.....	3 00
	T. Walsh, Cleaning Hose.....	7 50
	E. Phalen, Work at Fire.....	13 50
	S. Cunard & Co., Coal	428 81
	O'Brien and Shepeard	63 00
	R. Shepeard, his Account... ..	12 60
	Halifax Gas Company, for Engine Houses.	152 00
	W. Brush, Contract Queen Street...	696 00
	Ladder Co., 3 months	37 50
	A. Lamphier, Repairs	7 50

Apl. 1.	A. G. McDonald, Salary	\$ 75 00
	Mulcahy & Toole	66 66
	W. Flinn, Brooms, etc	10 82
	J. E. M. Taylor, Glazing, etc	5 05
	do. Painting	12 15
30.	John Ead, Candles	10 80
	do. 1 year's Rent	25 00
	J. T. Murphy	45 83
	H. B. Fidler, Leather Work	62 00
	Brown & Webb, Vitriol	28 68
	Halifax Gas Company	2 99
	W. B. Reynolds, Emory Cloth	1 22
	Reilly & Davidson, stores	83 07
	Lawson, Harrington & Co., Oil	12 32
	H. H. Fuller, Hardware	16 06
	Ringling Bell No. 5 Division	22 00
	J. T. Murphy	45 83
	J. T. Murphy	45 83
	John Morrissey, Repairs	10 80
	Union Engine Company	400 00
	J. A. Grant, Rent of Reel House	50 00
	W. N. Brown, Repair of Ladders	19 75
	Austen Bros. for Lanterns	1 10
	Halifax Gas Company to date	88 75
	J. E. M. Taylor, Glazing	13 95
	J. Fitzgerald, Fire Alarm	32 46
	Lawson, Harrington & Co., Oil	10 71
	George Flowers & Son, Flags	4 50
	McDonald & Co., several Bills	477 87
	O'Brien & Sheppard, Truckage	28 00
	Richard Sheppard	16 05
	Cunard & Co., Coal	8 48
	Thomas Spelman, Repairs	100 60
	Austen Bros., Lanterns	7 00
	H. H. Fuller & Co., Hardware	31 93
Apl. 30.	T. D. Spike for Badges	6 00
	Cheques lying over	77 22

\$ 9862 34

THE COMMON AND PUBLIC GARDENS.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.	DR.		
May 2.	Paid for Labour.....	\$	85 44
	Richard Power, Salary.....		50 00
12.	For Labour.....		149 60
	James Dempster & Co., Lumber....		66 80
27.	John Davidson, do.....		73 36
	For Labour.....		183 00
June 1.	Richard Power.....		50 00
	For Labour.....		234 35
24.	do.....		216 00
July 2.	do.....		245 72
	Richard Power.....		50 00
	J. E. M. Taylor, Glazing, etc.....		28 10
Aug. 1.	Richard Power.....		50 00
5.	For Labour.....		227 67
	McIntosh and McInnis for Rink....		900 00
	Thomas Sweeney, Manure.....		3 60
	For Labour.....		204 75
Sept. 1.	McIntosh & McInnis for Rink.....		500 00
	For Labour.....		188 25
	Richard Power.....		50 00
	For Labour.....		191 00
16.	do.....		188 75
Oct. 1.	J. S. McKay, for Feed.....		18 00
	R. Power.....		50 00
	For Labour.....		186 00
27.	do.....		84 25
30.	do.....		142 25
	McIntosh & McInnis for Rink.....		597 45
Nov. 1.	R. Power.....		50 00
Dec. 1.	Insurance on Cottage.....		6 00
1.	Richard Power.....		66 66
	Thos. Burke, Labour.....		24 00
1882.			
Jan. 3.	Richard Power.....		66 66
	Thos. Burke, Labour.....		16 00
Feb. 7.	Richard Power.....		66 66

Feb. 7.	Thomas Burke and others, Labour.. \$	22 00
Mar. 1.	Richard Power....	66 66
	For Labour.	20 00
Apl. 1.	Richard Power.....	66 66
	Thomas Burke, Labour.....	8 00
	For Labour.....	14 25
	Edward Albro, Tools, etc.....	10 80
	For Labour.. ..	113 15
	G. Umlah, Bark and Slates.....	18 00
	J. E. M. Taylor, Work at Rink.....	95 00
	W. Brush, per Contract.....	804 64
	W. Roche, Coal for Green House....	58 80
	Watson & Myers, Lamps.....	49 50
	A. M. Bell, Tools, etc.....	66 27
	A. Stephen & Son for Tables, etc....	36 20
	W. Bateman, Repair of Locks.....	17 75
	H. Harris, Flowers and Shrubs.....	63 29
	John Hogan & Sons, Lumber.....	40 00
	Munro & Wisdom, Rep. of Tools.....	14 23
	John Davidson, Lumber....	30 43
	Smith & Kaye, Flower Pots.....	19 00
	D. J. Leahy, Manure	2 80
30.	Insurance on Rink.....	7 50
	For Labour	20 25
	Richard Power.....	66 66
	Estate D. Hoskins, Manure.....	35 10
		<hr/>
		\$ 7077 26
	Less Cheques for Labour, etc., not yet paid	239 83
		<hr/>
		\$ 6837 43

CONTINGENT ACCOUNT.

Statement of Expenditure from 1st May, 1881, to 30th April 1882.

1881.		DR.	
May 2.	Paid Halifax Gas Company	\$	36 00
	Miss Thomas, Cleaning		3 00
	Mrs. Connell, do.		6 67
	Mrs. Thomas, do.		3 00
	Stairs, Son & Morrow, Ensign		11 00
	Hall for Public Meeting		20 00
	Lithographic Co. for Debentures		101 75
	Thompson, Graham & Co., Costs		41 22
	A. Hutchinson for Ice		15 00
	C. Annand, Adv. Public Meeting		6 00
	Halifax Artillery Firing Salute		100 00
	Exhibition of 1880 for Deficiency		1088 28
	W. Ross for Regatta		150 00
June 25.	Mrs. Roach, Cleaning		3 00
	Mrs. Connell do.		6 67
	Halifax Yacht Club		100 00
	Postage Stamps		5 00
	Reception Gov.-General		11 75
Aug. 6.	Mrs. Connell, Cleaning		6 67
	Telegraph Company		18 58
	D. McAlpin, Directories		5 00
	J. P. Mott, for Soap		6 09
Sept. 1.	Mrs. Connell, Cleaning		6 67
	E. G. & C. Stayner, Cordwood		2 65
20.	Telegram to Washington		4 25
	County Arbitration on Assessment		53 00
22.	Ward Assessors		35 00
Oct. 7.	For Telegrams		6 97
	R. D. Clarke, Lithographing		15 25
	James Jackson, Election Expenses		7 00
	R. Pedwell, Polling Place		4 00
	Mrs. Connell, Cleaning		6 67
	James Adams, Horse hire		6 75
	The Mayor, Delegation to Ottawa		63 00
	Clerks at Civic Elections		15 00
15.	Rifle Association		100 00
	Condon, Cab hire		3 00
Nov. 19.	C. Annand, Notices		45 00
	Sons of Temp. Room for Election		4 00

Nov. 19.	Telegrams.....	\$	2 75
27.	John Naylor, Cab hire.....		10 00
	Mrs. Connell, Cleaning.....		6 67
	T. W. Bateman, Rep. of Locks.....		58 00
Dec. 1.	I. Sallis, Removing Soil.....		12 00
	Mrs. Connell, Cleaning.....		6 67
	A. G. Slipp, Cab hire.....		5 00
	Ald. Hesslein, Ward Election.....		8 00
	John P. Mott, Soap.....		5 88
1882.			
Jan. 3.	Wood & Co., Passage of Pauper....		6 00
	S. Cunard & Co., do.		9 00
	H. B. Witter, Room for Election ...		5 00
	A. G. Maddox, Ink Stands.....		12 00
Feb. 3.	Mrs. Connell, Scrubbing.....		6 67
	F. O'Connor, Election Ward 4.....		8 00
	R. H. Margeson, Election Ward 6..		5 00
	Mrs. Connell, Cleaning.....		6 67
Apl. 1.	H. C. D. Twining, Copying Acts....		17 50
	C. Annand, for "Chronicle".....		6 00
	W. M. Harrington, Election.....		7 00
	Mrs. O'Connell, Cleaning.....		6 67
	H. Trenaman, Extra Work.....		10 00
	Telegram to G. B.....		4 75
	A. Hutchinson for Ice.....		15 00
	Mrs. Connell, Cleaning.....		6 67
	W. L. Brown, Extra Work.....		8 75
	G. H. Fielding, Costs Junk Case. ..		172 69
30.	Gordon & Keith, Furniture.....		45 50
	J. N. Lyons, garnishee Smith vs. City.		121 87
	Mrs. Connell, Cleaning..		6 67
	F. H. Storey for Writing, Treas. Office.		80 00
	J. J. Greenwood, do. do.		87 00
	Richard Curry, for Rent of Pound..		100 00
	Wm. Nisbet, for Letter Boxes..		33 00
		\$	3025 27
	Less this amount charged to other accounts		253 83
		\$	<u>2771 44</u>

PRINTING AND STATIONERY.

Statement of Expenditure from 1st May, 1881 to 30th April, 1882.

1881.		DR.	
Sept. 28.	Paid A. & W. McKinlay.....	\$	274 64
	Blackadar Bros.....		285 83
	C. Annand, Advertising.....		9 00
Oct. 1.	Blackadar Bros., Reports.....		160 80
1882.			
Apl. 1.	Blackadar, Bros., Printing Account....		179 54
3.	A. & W. McKinlay, Stationery.....		200 15
30.	Blackadar Bros.....		110 11
	do.		275 92
	Buckley & Allen Account.....		34 54
	Morning Herald Account.....		240 05
	do. do.		301 62
	Bowes & Son, Assessment.....		26 00
	Charles Annand, Account.....		45 00
	do. do.		6 00
		\$	<u>2149 20</u>

THE CITIZENS' FREE LIBRARY.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.		DR.	
May 1.	Paid R. I. Hart for Advances.....	\$	200 00
	S. Creed, Salary.....		125 00
	Miss Warren.....		62 50
	Mrs. Greer, Cleaning.....		15 00
June 1.	Rent Argyle Hall.....		87 50
Aug. 6.	Mrs. Greer, Cleaning.....		15 00
	Miss Warren.....		62 50
	S. Creed.....		125 00
15.	Mrs. Hayden, Cleaning.....		8 00
Oct. 17.	Rent Argyle Hall.....		87 50

Nov. 1.	S. Creed.....	\$	125 00
	Miss Warren.....		62 50
	Mrs. Greer, Cleaning.....		15 00
1882.			
Jan. 1.	Rent Argyle Hall.....		87 50
	Halifax Gas Company.....		28 75
Feb. 2.	D. McAlpin, Directories.....		4 00
Mar. 1.	Miss Warren.....		62 50
	Mrs. Greer, Cleaning.....		15 00
	C. C. Morton, Books.....		51 42
Apl. 1.	S. Creed.....		125 00
	Halifax Gas Company.....		13 25
	Rent Argyle Hall.....		87 50
30.	S. Creed.....		125 00
	Miss Warren.....		62 50
	Mrs. Greer....		15 00
	Halifax Gas Company to date.....		4 75
	Argyle Hall, Rent		87 50
	C. C. Morton, Books, etc.....		48 70
		\$	1808 87
	Less Cheques not yet paid.....		290 00
		\$	<u>1518 87</u>

OIL LAMPS.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.		DR.	
May 1.	Paid John Egan.....	\$	111 00
June 1.	do.		84 00
July 1.	do.		83 00
Aug. 2.	do.		83 00
Sept. 1.	do.		83 00
Oct. 1.	do.		83 00
Nov. 2.	do.		83 00
Dec. 1.	do.		83 00
1882.			
Jan. 3.	do.		83 00
Feb. 2.	do.		83 00

Mar. 1.	Paid John Egan.....	\$	83 00
Apl. 1.	do.		83 00
30.	do.		103 00
	(Cash paid out \$1108.)	\$	<u>1128 00</u>

THE SANITARY COMMITTEE.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.		DR.	
July 15.	Paid Philip Hire for Groceries.....	\$	221 68
	Mrs. Hayden, Sheeting.....		7 50
	Hart & Murray, Lumber.....		3 27
	P. Walsh, Hardware.....		75
Aug. 5.	Keeper of Hospital.....		26 00
	Miss Merkel for Milk.....		26 40
16.	Dr. Moren, Expenses at Hospital.....		19 00
Sept. 2.	S. Cunard & Co., Coal.....		6 75
Oct. 11.	Thomas Walsh, Drugs, etc.....		10 88
	do. do.		1 30
1882.			
Mar. 1.	Philip Hire, Groceries		35 87
Apl. 3.	George Rent, Stoves, etc.....		87 66
	J. E. M. Taylor, Glazing, etc.....		4 00
30.	F. W. Horley, Mason Work.....		7 98
	Forsyth & Sutcliffe.....		41 55
	John Sullivan, for Straw.....		3 86
	W. Roche, for Coal.....		65 30
	William Hurley, Funeral Expenses...		24 00
		\$	<u>593 75</u>
	Less Accounts not paid.....		16 80
		\$	<u>576 95</u>

BOARD OF PUBLIC CHARITIES.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.		DR.		
May 10.	To this Amount paid	J. Kelly.....	\$	1808 00
11.	do.	do.		5000 00
Oct. 7.	do.	do.		5000 00
Dec. 6.	do.	R. T. Murray...		4000 00
1882.				
June 23.	do.	do.		10000 00
July 7.	do.	do.		6316 21
				\$ 42,124 21

COMMISSIONERS OF PUBLIC SCHOOLS.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.		DR.		
May 6.	This Amount paid	Chairman.....	\$	5000 00
June 4.	do.	do.		4000 00
July 8.	do.	do.		3000 00
21.	do.	do.		2000 00
Sept. 9.	do.	do.		8849 41
23.	do.	do.		4000 00
Oct. 8.	do.	do.		8000 00
31.	do.	do.		5000 00
Dec. 7.	do.	do.		4500 00
23.	do.	do.		3000 00
1882.				
Jan. 18.	do.	do.		2500 00
Feb. 6.	do.	do.		2500 00
10.	do.	do.		1500 00
17.	do.	do.		1000 00
Mar. 9.	do.	do.		3000 00
31.	do.	do.		1000 00
Apl. 8.	do.	do.		1500 00

Apl. 15.	This Amount paid Chairman.....	\$	1500 00
22.	do. do.		1500 00
29.	do. do.		750 00
30.	do. do.		20,000 00
	do. do.		24,267 22
			\$108,366 63

COMMISSIONERS OF POINT PLEASANT PARK.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.	DR.		
May 2.	Paid S. Vennor.....	\$	29 00
June 1.	do.		33 50
Sept. 1.	do.		52 00
28.	Commissioners.....		500 00
	do.		250 00
Oct. 28.	Sir William Young.....		185 96
(Cash paid \$964.96.)			\$ 1050 46

COUNTY OF HALIFAX.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.	DR.		
Sept. 16.	Paid Water Department.....	\$	1160 00
1882.			
Jan. 17.	Warden of County.....		2500 00
June 30.	Treasurer of do.		20,000 00
July 7.	do. do.		20,905 75
			\$ 44,565 75

THE DISPENSARY.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.			
Nov. 2.	Paid J. F. Kenny	\$	600 00
19.	do. do.		400 00
1882.			
Apr. 30.	do. do.		350 00
		\$	<u>1350 00</u>

BOARD OF CITY WORKS.

Statement of Account with City from 1st May, 1881, to 30th April, 1882.

1881.	DR.		
May 31.	Amount Paid Commissioners.....	\$	<u>1000 00</u>

INFANTS' HOME.

Statement of Account from 1st May, 1881, to 30th April, 1882.

1881.	DR.		
Dec. 6.	Paid Miss Nordbeck as per Appropriation.....	\$	<u>300 00</u>

INDUSTRIAL SCHOOL.

*Statement of Payment to Commissioners from 1st May, 1881, to
30th April, 1882.*

1881.	DR.		
May 6.	Paid E. D. Meynell.....	\$	325 00
Sept. 22.	do.		410 00
1882.			
Feb. 7.	do.		175 00
		\$	<u>910 00</u>

DOMINION EXHIBITION OF 1881.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

1881.	DR.		
Sept. 1.	Paid McIntosh & McInnis, per Contract.....	\$	1200 00
	Wm. Brush, per Contract.....		1260 00
16.	Board of Works.....		317 14
	W. Brush, per Contract.....		1240 00
	McIntosh & McInnis.....		960 00
	Board of Works.....		208 65
Oct. 11.	do. Levelling, etc.....		91 36
	do. do.		9 29
	D. Calder, Contract.....		51 00
	McDonald & Co.....		588 65
	William Brush.....		148 91
Nov. 11.	W. Brush, per Contract		2017 15
	McIntosh & McInnis.....		443 20
	Brokenshire Roofing Company.....		202 81
	McDonald & Co., Gas Fittings, etc....		250 00
	Paid "Eastern Chronicle".....		2 50
		\$	<u>8990 66</u>

DISBURSEMENTS IN POLICE OFFICE.

Statement of Expenditure from 1st May, 1881, to 30th April, 1882.

		DR.	
1881.			
May	2.	Paid Wm. Baker for Meals.....\$	13 50
		Thomas Rhind, Disbursements.....	13 55
June	1.	Hans Johnston half fine.....	15 00
		T. Rhind, Disbursements.....	20 45
		W. Baker for Meals.....	16 12
Aug.	1.	T. Rhind, Disbursements.....	32 70
	17.	do. do.	26 79
		W. Baker, Meals.....	19 00
		Major Nagle, half fine.....	80 00
Oct.	11.	W. Baker for Meals.....	18 62
		do. do.	18 00
		T. Rhind, Disbursements.....	43 55
		W. Baker, Meals.....	20 12
		T. Rhind, Disbursements.....	29 36
	22.	do.	30 95
		W. Baker for Meals.....	15 62
Nov.	10.	T. Rhind, Disbursements.....	29 35
Dec.	1.	W. Baker, Meals.....	14 87
		J. McDonald, half fines.....	40 00
1882.			
Jan.	3.	T. Rhind, Disbursements.....	27 82
Feb.	2.	do. do.	16 50
Mar.	1.	do. do.	20 35
		W. Baker for Meals.....	12 88
		do. do.	13 50
		do. do.	11 37
		do. do.	16 12
Apl.	1.	do. do.	17 55
		T. Rhind, Disbursements.....	11 00
		M. O'Brien and others, half fines.....	40 00
		C. Harrington, Marter Case.....	14 50
	30.	J. McDonald, half fine.....	10 70
		T. Rhind, Disbursements.....	12 62
		W. Baker for Meals.....	16 00
		do. do.	
			\$ 738 46

RATES AND TAXES.

*Statement of City, County and School Rates, Collected from 1st
May, 1881, to 30th April, 1882.*

City Rates for 1876-7...\$	394	56	
County do. do. ...	21	15	
School do. do. ...	43	40	
		869	\$ 459 11
City Rates for 1877-8...\$	806	40	
County do. do. ...	61	71	
School do. do. ...	284	05	
		1152	16
City Rates for 1878-9...\$	2275	02	
County do. do. ...	246	18	
School do. do. ...	863	38	
		3384	58
City Rates for 1879-80...\$	4939	77	
County do. do. ...	608	88	
School do. do. ...	2196	19	
		7744	84
City Rates for 1880-1...\$	8684	23	
County do. do. ...	1230	54	
School do. do. ...	4498	48	
		14413	25
City Rates for 1881-2...\$	115,096	25	
County do. do. ...	14,865	12	
School do. do. ...	58,204	14	
		188,165	50
		\$215,319	44
Less this Amount.....			165 72
		\$215,153	72

BOARD OF WORKS REPORT.

BOARD OF WORKS REPORT.

OFFICE OF COMMISSIONERS BOARD OF CITY WORKS,

May 21st, 1883.

The Board of City Works beg leave to submit the accompanying Reports from the different departments under their control, covering a period from 1st January, 1882, to 30th April, 1883, and which at a meeting of the Board held this day, were duly submitted and ordered to be transmitted to the City Council for its information.

Respectfully submitted.

WILLIAM WOODILL,

Chairman.

CITY ENGINEER'S OFFICE,

16th May, 1883.

To the Chairman Board of City Works:

SIR,—In the annual reports sent in from this office it has hitherto been the custom to make them out up to the 31st December in each year. Owing, however, to the recent revision in the law and to the minute of Council passed on the 9th instant, this report includes the period from 1st January, 1882, to 30th April, 1883.

WATER WORKS.

Owing to the cleaning out of the High and Low Service Mains, and also of some of the principal distribution pipes, the Water Works were never in a better condition than they were during the early part of 1882, and up to the

commencement of the following Winter. During that period there was not a single complaint of short supply of water, or of lack of pressure, but through the past Winter months this satisfactory state of affairs did not continue. Complaints of low pressure began to be made towards the close of November, and although not nearly so numerous as in previous years, they continued with more or less frequency through December, January and February, and reached the climax in March, since which month—as the weather became milder, and the frost left the ground—matters have been mending. This unsatisfactory state of things is due mainly,—although in the present instance not entirely—to the excessive waste of water which occurs in private premises during every cold season. A very much larger number of underground leaks have been detected lately than was ever known before. As reports of these came to be made, more and more, daily, it was at one time thought possible that they were caused in some mysterious way by the pipe scraping operations previously undertaken, but it was soon seen that this was not the case, as most of the leaks—as they were dug up and repaired—were found to be in the service pipes to houses at the connection with the distributing or branch mains, many of which were completely severed in two. There is no satisfactory way of accounting for this excessive number of broken service pipes, unless, as has been suggested, the shock of an earthquake felt here on the night of the 31st December last, was the principal cause. On enquiry of the Manager of the Gas Works it was found that he too has experienced similar trouble which would tend to show that there is some ground for the supposition. It is highly probable that all the leaks have not yet been discovered, but diligent search is being and will continue to be made for them.

It may be added that the beneficial results which followed the pipe cleaning operations are gradually and rapidly being lost by reason of the want of some proper system by which to control the waste of water in private premises within the City. The effect in a great many instances has been that where, previously, a citizen wasted a limited quantity of water, he could and did—after the pressure was increased—waste an unlimited quantity.

A list will be found in the appendix giving the pipes which were cleaned out by mechanical scrapers during the past working season.

Scrapers were also again sent through both the high and low service mains, (a distance of over eight miles), the entire cost of which was \$18.02. These figures are given to show that as the expense of recleaning a water pipe is so trifling—in order to maintain the pipes always in good condition—the scrapers should be passed through them every year. After they have once been cleaned out, to repeat the operation is a very simple and inexpensive process. All that is then required being to insert the machine into a patch box at one end of the line of pipe, when it will run of itself and do its work without any further trouble, and can then be taken out of the hatch box at the other end, which may be several miles distant, if the nature of the ground will admit of such a long run being made. In any case the hatch-boxes seldom need be less than a mile or so apart.

There are still many miles of old and badly corroded water pipes in this City which need thorough cleaning. Every year that the work is delayed will render it more difficult and expensive to do. I would therefore recommend that an appropriation of say \$5000 be made this year towards this object.

The work of taking new measurements to all the service stop-cocks—which was begun in the previous year—is not yet nearly completed, owing to the men engaged at it having been frequently called off to do other things.

The only extensions which were made during the year were 639 feet of six inch, and 93 feet of three inch water pipes. The localities in which these were laid are given, as usual, in the appendix.

The old wooden conduit which conducts the water from Long Lake to Upper Chain Lake was, on examination during the past Summer, found to be in very bad condition at its upper end. Part of the wood work had fallen in and large quantities of stones, gravel and soil had been thereby washed into the conduit, so that it would not deliver sufficient water to maintain the regular low service supply to the City. This threatened to cause serious trouble, as, in order to remove the obstructions and effect the necessary repairs, apparently involved completely shutting off the supply from Long Lake for a length of time and depending entirely upon the two Chain Lakes to furnish water to the City during the progress of the work. As the latter Lakes

were too small to do this and they continued to fall very rapidly, active measures had to be adopted to continue the regular supply to the City, and to disconnect Long Lake, even for a few days, was out of the question. To make matters worse it was found that the gates at the upper end of the conduit were useless, as the water flowed in all sides around them, and could not be shut out, owing to the walls being built of dry rubble. It was then decided to put in a temporary coffer-dam, at the outlet from Long Lake, with a large sluice way in it, so that the supply to the lower lakes could be regulated at pleasure. By having all the materials and a number of masons on hand, a solid brick bulk-head wall was then built in cement, as quickly as possible, just below the coffer-dam. Sluice ways for gates were provided in this wall, and were connected by two lines of 27 inch cast iron pipes, with the old wooden conduit below the point where it had been damaged. In order to do this and to maintain the watersupply to the City, it was found necessary to work the men, in relays, night and day, and after clearing the conduit, to occasionally cease work entirely for a couple of days at a time, so that the sluices could be opened, and the Chain Lakes kept up to a safe level. The work was completed in the Autumn, and the Foreman of the Water Department, Mr. Morrison, deserves much credit for the manner in which he carried out instructions. The remaining portion of the conduit is not in good condition and should be thoroughly repaired, or more properly enlarged and deepened before long. With this end in view the openings in the new bulk-head wall have been placed about eighteen inches lower than the bottom of the old conduit. It should, however, be borne in mind that it will be unnecessary to incur this expense, which would be heavy, if there is any prospect of drawing the City supply—within a reasonable time—direct from Long Lake, as proposed and recommended in the Annual Report for 1878.

Some of the smaller earthen dams around the Lower Spruce Hill Lake have been raised and widened so as to make them more secure.

Other work—than that previously alluded to in this report—done in the department, during the year, has been of the usual routine nature.

A new sluice way and gate are required between the Upper and Lower Chain Lakes, as the old ones are out of repair, too small and at too high a level. In doing this

work the Upper Chain Lake could advantageously be raised about two feet at small expense. The whole cost of the work should not exceed \$800.

A new waste weir and bridge are also required at Spruce Hill Lake. The old weir is built partly of wood and leaks badly, so that water at a high level cannot at present be retained in the Lake. The new weir should be a permanent one of granite. Some of the cut stones for this work were procured last Summer, but a further appropriation of about \$700 is needed.

The alterations to some of the old fire hydrants, suggested in the last Annual Report, having been tried and found satisfactory, have been adopted. A few of the altered hydrants are now in use, and a contract has recently been let for furnishing the special castings required for the alteration of others. The old hydrants as they are taken up for repairs are sent to our own shops where the work is done upon them. About a foot at the base is first cut off, and a new piece with a special valve is then added. The hydrant is then encased in a cast iron frost-jacket. The cost of the special castings required is \$15.10 for each hydrant, and the whole expense of making the alteration is about \$20.00, the work being done by the City men.

STREETS AND SEWERS.

No new work of any special interest has been done during the season, either upon the streets and roads, or the sewers, and no new sewers have been built.

There has been a lack of money, and consequently of proper materials for the purpose of general repairs to the streets and roads.

The Department experiences a very serious want in the absence of any storage yard, in a central locality, for street materials; and the loss of the North Slip Landing is one which has resulted in great inconvenience, and has added materially to the cost of most of the works since undertaken. It is greatly to be desired that some suitable wharf property—not far removed from the business portion of the City—should be acquired by the Department, upon which to land and store materials required for street and sewer purposes.

The remarks made in my last Annual Report, relative to Mr. Naylor's Street cleaning and watering contract, will apply equally to the work done during the past year. It may be added that one watering of the streets per day, or even two, are not sufficient in hot and dry weather to lay the dust at all in a satisfactory manner. From three to four waterings are some times required if thoroughness is aimed at, but as the specification was drawn out in such a manner that the probable cost of the work would not exceed a certain limited sum, the district to be traversed, and the number of waterings had necessarily also to be limited. It is, however, but just to say that Mr. Naylor has, on several occasions, sent watering carts over some of the principal streets more frequently than required under his contract. The contract will terminate on the 31st day of October next.

The usual returns giving the contracts let and the amount of work done will be found appended.

Respectfully submitted.

E. H. KEATING,

City Engineer.

Rainfall, Snow and Total Precipitation, 1882.

MONTH.	IN THE CITY OF HALIFAX.			AT LOWER CHAIN LARK.		
	Rain.	Snow.	Total precipitation.	Rain.	Snow.	Total precipitation.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
January.....	3.160	36.80	6.840	3 670	32.00	6.512
February.....	1.672	42.77	5.949	1.565	41.00	5.565
March.....	5.458	16.10	7.068	5.177	12.25	6.392
April.....	3.679	11.45	4.824	3.355	5.25	3.895
May.....	4.677	.....	4.677	3.325	.....	3.325
June.....	5.507	.....	5.507	4.085	.....	4.085
July.....	5.071	.....	5.071	5.450	.....	5.450
August.....	3.925	.....	3.925	3.400	.....	3.400
September.....	5.914	.....	5.914	6.140	.....	6.140
October.....	7.403	.....	7.403	7 525	.....	7.525
November.....	0 832	05.60	1.392	0.940	8 25	1.245
December.....	1,312	21.40	3.452	0.990	16.50	2.565
	47,610	134.12	62.022	45.622	110 25	58.089

Contracts Let from 1st January, 1882, to 31st April, 1883.

DESCRIPTION OF CONTRACT.	AMOUNT OR RATE.	EXTRAS.	TOTAL.	NAME OF CONTRACTORS.	Date of Contract.
	\$	\$	\$		1883.
Curbstones and crossings (granite).....			741.94	Andrew Yeaton	Jan. 24.
Street cleaning and wat'g Fence at City Prison....	1000 per month 149.00	50.00 37.90	7,050 00 186.90	John Naylor..... Wm. Ellis.....	May 18. June 1.
Repairing boiler at work-shops.....	98.00	35.00	133.00	James Edgar	June 1.
12", 9", 4" and 3" water valves.....	225.00	.....	225.00	Alex. Moir and Sons	May 31.
6" cast iron water pipes..	497.53	.....	497.53	James Hillis.....	June.
Roofing workshops, etc..	398 00	13.46	411.46	Macdonald and Co..	July 26.
" Central Ege. Hse.	148.00	20.00	168.00	"	July 26.
Bell for Queen Street Engine House.....	27 cts. per lb	33.50	376.67	Register and Sons, Baltimore.....	* July.
Central Engine House, repairs and cementing East wall.....	377.00	27.31	404.31	Jas. Monaghan and Sons.....	Aug. 23.
Pointing down old granite crossings.....	17 and 26c. per sq. foot.	.....	113.06	Thos. McCulloch	Aug. 23.
" .....	.....	.....	73.78	A. R. Wood.....	Sept.
Temporary wooden sewer. Robie St., back of North Common..	270.00	.....	270.00	James Lawlor, Jr..	Sept. 5.
Street gullies.....	37.45 each.	.....	347.42	Saml. Marshall	Oct. 2.
Painting and repairing glass, etc., City Building.....	80.00	.....	80.00	J. E. M. Taylor....	Nov. 6.
Shed for stone crusher..	88.00	.....	88.00	Spriggs and Evans..	Mar. 2, '83.

* The total cost of bell, etc., including duty, was \$497.34.

List of Pipes cleaned and re-cleaned by Mechanical Scrapers during the Summer of 1882.

No.	LOCALITY.	Diameter of Pipe.	Length Cleaned.	Total Cost.	REMARKS.
		in.		feet.	
1	Gottingen St.—Pipe from Cogswell to North St., Less 295 feet, feet, cleaned in 1881.....	6	3,270	247 11	cleaned.
2	South Park St.—from St. Andrew's Cross to South St.....	15	4,750	188 81	cleaned.
3	Sackville St.—Pipe from St. Andrew's Cross to Sackville St.....	12	2,250	210 83	cleaned.
4	Low Service Main.....	24	13,400	9 33	re-cleaned
5	High Service Main.....	15	29,500	8 69	do.
6	Summer St.—Pipe from Spring Garden Road south to Hospital..	3	625	40 01	cleaned.
7	Pleasant St.—Pipe from Morris Street south.....	3	525	26 13	cleaned.
8	Morris St.—Pipe from Queen St. east.....	3	365	9 32	cleaned.

WATER DEPARTMENT.

List of Streets where Water Pipes have been laid during the Working Season of 1882.

Name of Street.	From	To	Diameter of Pipe — inches.	Length of Pipe — feet.
Kempt Road..	Almon	MacCarra.	6 in.	517
South Street..	Union.....	90 feet East....	6 in.	90
Kempt Road..	Kempt Road..	Cotton Factory.	3 in.	93
" " ..	Fire Hydrant..	Opp. MacCarra.	"	"
" " ..	For Hydrant..	"	6 in.	32
Service Pipes..	Put in to.....	Houses, Lead..	½ in.	1062

No. of feet excavated during the year 1882..... 1794

Pipe Stock on hand April 31st, 1883.

No of pieces.	Diameter	Weight of one.	Weight in lbs.	Weight of whole.	Cost per lb.	Total value.	REMARKS.
7	27	2651	18,564				
8	24	3192	25,537				
6	20	1263	7,578				
7	15	1020	7,203	58,882	1 $\frac{5}{8}$	\$ 95,683	
220	12	680	149,600				
264	9	233	140,712				
11	6	280	3,080				
330	4	196	64,680				
21	3	128	2,688	360,760	2	7,215,20	
64	1 $\frac{1}{2}$	22	1,408				Serv. Sd. Ps.
44		10	440				" Plates.
68		4	272				" Caps.
80		1 $\frac{1}{2}$	120	2,240	4	2,240	" Thimbles.

Wood Wedges.

No. of Pieces.	Diameter.	No. of Pieces.	Cent of each.	Total Value.
2100	24			
300	20			
5460	15			
5600	12			
1560	9			
3360	6	1830	1	18380
4000	Key.	4000	0.2	800

Branch Pipes and Irregular Pieces.

No. of pieces.	Diameter.	Descriptions.	Weight of one in. lbs.	Weight of the whole.	Total Weight	Cost.	Total Cost
3	27	Bell Mouth Pieces.....	831	2493	2,493	31 $\frac{1}{2}$	
1	24	Cap	290				\$ 97 60
14	24	Thimbles.....	396	5544			
8	20	"	234	1872			
1	20	Cap.....	200	200			
3	15	D. B. of 15 in.....	896	2688			
3	15	" of 6 in.....	660	1980			
1	15	S. B. of 15 in.....	812	812			
2	15	Y. B. of 15 in.....	1012	2024			
1	15	Cap	54	54			
1	15	Clamps.....	100	100			
7	15	Thimbles.....	234	1638			
1	15	S. B. of 12 in. Rd'g. to 12 in	500	500			
1	15	Reducing to 12 in.....	40	400			
1	15	" 6 in.....	232	232			
2	15	" 9 in.....	252	504			
2	15	Rd'g to 9 in. without facet	232	564			
3	12	D. B. of 9 in.....	500	1500			
1	12	Angle 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 in., 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	" 3 in.....	354	1062			
7	9	Reducing to 6, no facet..	121	847			
7	9	Thimbles.....	107	749	38,352	2 $\frac{3}{4}$	
19	6	D. B. of 6 in.....	223	4237			
7	6	" 3 in.....	180	1260			
7	6	S. B. of 6 in.....	203	1421			
6	6	" of 4 in.....	180	1080			
6	6	" of 3 in.....	160	960			
7	6	Re'g. to 4 in. with facet..	124	868			
6	6	" 3 in. "	114	684			
5	6	" 4 in. no facet..	64	470			
3	6	" 3 in. "	74	222			
2	6	Thimbles.....	71	142			
21	4	D. B. of 4 in.....	123	2583			
2	4	S. B. of four in.....	100	200			
3	4	Angle B. of 4 in.....	86	258			

Branch Pipes and Irregular Pieces.—Continued.

No. of Pieces.	Diameter.	Description.	Weight of one in lbs.	Weight of the whole.	Total weight	Cost.	Total Cost
25	4	Thimbles.....	29	725			
37	4	Caps.....	8	296			
7	4	Reducing to 3 in. no facet.	74	518			
5	4	“ to 3 in. with facet.	84	420			
4	3	D. B. of 3 in.....	90	360			
4	3	S. B. of 3 in.....	81	324			
62	3	Thimbles.....	26	1612			
24	3	Caps.....	8	192			
8	2	D. B. of 2 in.....	28	224			
1	2	S. B. of “.....	23	23			
8	2	Angle B. of 2 in.....	23	184	19714	22 $\frac{3}{4}$	\$1323.51
6	24	Split Thimbles.....	620	3720			
1	20	“.....	453	453			
9	15	“.....	260	2340			
11 $\frac{1}{2}$	12	“.....	222	2553			
21	9	“.....	133	2793			
16	6	“.....	92	1472			
12	4	“.....	64	768			
1	3	“.....	48	48	14147	2 $\frac{1}{4}$	389.04 $\frac{1}{4}$
		Pipe Scrapers and Valves.				1 10	195.25
		R'er Springs for pipe sc'prs					13.17
		Cutters “ “					396.00
5	12	Stopcocks.....				79.20	396.00
6	9	“.....				55.00	330.00
6	6	“.....				32.00	192.00
6	4	“.....				24.00	144.00
6	3	“.....				18.00	108.00
3	2	“.....				12.00	36.00
5	15	Gun Metal Screws.....	28	140			
2	12	“ “.....	18	36			
1	9	“ “.....	14	14			
1	6	“ “.....	9	9			
1	4	“ “.....	6	6			
4	3	“ “.....	5	20	225	65	146.25
6		Fire Hy., without jacket.				50.00	300.00
1		“ with jacket...				66.50	66.50
11	2 $\frac{1}{2}$	Old Fire Plugs.....				4.00	44.00
4	1 $\frac{1}{2}$	Domestic Hydrant, wood.				4.00	16.00
2	3	American Meters Gem..				75.00	150.00
1	2	Scotch Meters, Kennedy				94.70	94.70
1	1 $\frac{1}{2}$	“ “.....				48.00	48.00
2	1 $\frac{1}{2}$	“ “.....				17.50	35.00
3		Siemens Meters.....				22.50	67.50
2		Pressure Gauges.....				16.50	33.00
		Lead Pipe.....			1000	6 $\frac{1}{2}$	67.50
		Tin Tubing.....			200	40	80.00

Branch Pipes and Irregular Pieces.—Continued.

No. of pieces.	Diameter.	Description.	Weight of one in lbs	Weight of the whole	Total weight.	Cost.	Total Cost
		Brass Fittings.....			300	80	240.00
		Blacksmith Tools.....					100.00
		Carpenter Tools.....					100.00
		Grand Total.....					

RECAPITULATION.

Lbs.	Description.	Cost per lb or price.	Value	Total Value
58,882	Pipes	$1\frac{1}{2}$	956 83	
360,760	"	2	7215 20	
2,240	"	4	89 60	
Nos. 18,383	Wood Wedges.....	1	183 80	
" 4,000	" Keys.....	$\frac{1}{2}$	8 00	
Lbs. 18,380	Branch Pips, etc.....	$3\frac{1}{2}$	97 60	
" 38,352	"	$2\frac{3}{4}$	1323 51	
" 14,147	Split Thimbles and Bolts..	2	389 04	
	Pipe Scrapers and Valves..		519 25	
	" Rubber Springs		109 25	
Nos. 32	Stop Valves fm. 12in. to 2in		1206 00	
Lbs. 225	Gun Metal Screws.....		146 25	
Nos. 1	Fire Hydrant, new style..		66 50	
" 6	" old pattern.		300 00	
" 11	" " style...		44 00	
" 4	Domestic Hydrants, wood..		16 00	
" 1	" new style..		16 00	
" 9	Meters from 3in. to $\frac{1}{2}$ in..		395 20	
" 2	Pressure Gauges.....		33 00	
Lbs. 1,000	Lead Pipe.....	$6\frac{3}{4}$	67 50	
" 200	Tin Tubing.....	40	80 00	
" 300	Brass Fittings.....	80	240 00	
" 87	Cutters for Pipe Scrapers..		13 17	
	Blacksmith Tools.....		100 00	
	Carpenter Tools.....		100 00	\$13,801.70

STREET DEPARTMENT.

No. 1.

List of Streets Graded and Macadamized, 1882

No. of Ward.	STREETS.	FROM	TO	Gauges.	Macadamized.	No. Bushels Broken Stone.	REMARKS.
				FT.	FT.		
					300	736	
					200	400	
1	Queen	Kent	Tobin				
1	Tobin	Queen	East	150			
1	Bates' Lane	Albert	Pleasant	600			
1	Inglis	South Park	Tower Road	1500			
1	Tower Road	Inglis	Bower Road	1200			Slight repairs.
1	Bowery Road	Tower Road	Franklin Street	780			
1	Pleasant	Opposite	Mr. Bauld	1200			
1	South	Wellington	Robie	250		852	Course, gravel.
1	Hollis	Wallace	Half way to Morris	1050			Slight repairs.
1	Robie	South	College		375	192	Shore Gravel.
1	Morris	Hollis	Pleasant				Slight repairs, gutter opened.
1	Morris	Tower Road	Robie	1650	1800	2032	Where required.
1	Morris	Tower Road	Miss Norbeck's Gate				Not Finished.
1&2	Coburg Road	A. G. Jones	To End	200			Slight repairs, gutter opened.
2	Carleton	S. G. Road	Quinpool Road	1275			
2	Oxford	Jubilee Road	Wallace		1200	1344	
2	Hollis	Sackville	Robie		2250	868	Where required.
2&5	Quinpool Road	Oxford					

CITY ENGINEER'S REPORT.

List of Streets Graded and Macadamized, 1882.

(Continued.)

No. of Ward	STREETS	FROM	TO	Gauges.	Macadamized.	No. Bushels Broken Stone.	REMARKS.
				FT.	FT.		
2	Bell Road.....	Robie	Summer.....		1050	2440	
2	Bell Road.....	Jubilee.....	South Park.....		600	1898	
2	Queen	S. G. Road	Sackville		900	1648	
2	Barrington	Sackville	Blower		300	238	Where required.
2	Water	Sackville	Salter		600	294	Slight repairs.
3	Barrington	Duke	George		450	1972	
3	Cheapside.....	Bedford Row	Hollis		150	1366	
3	George	Bedford Row	Granville.....		337	384	Slight repairs.
3	Hollis	Sackville	Prince		450	116	Where required.
3	North Park	Bell Road.....	Half way Cogswell.....	750			
3	Brunswick	Duke	Sackville		1050	272	Where required.
3&4	Duke	Water	Albermarle		1050	2848	
3	Water	Duke	Sackville		1050	292	Slight repairs.
4	Water	Duke	Jacob		900	144	"
4	Bell's Lane	Barrington	Argyle		150	116	
4	Argyle	Bell's Lane	Buckingham		187	938	Shore gravel.
4	Granville	Buckingham.....	Duke		450	938	
4	Buckingham.....	Granville	Argyle		450	324	Slight repairs.
4&5	Jacob.....	Water	Argyle.....		225	380	

5	Water	Jacob	Gerrish	2625	6086	Where required.	
5	Barrington	Jacob	Cornwallis	1500	3092	Partly Shore Gravel	
5	Proctor's Lane	Water	Brunswick	44C	378		
5	Hurd's Lane	Water	Starr	450			
5	Cornwallis	Water	Brunswick	560	1882		
5	Chestnut Place	Cunard	To End	260		{ Laid a Wooden Box and filled in Ditch East Side.	
5	Robie	Cunard	Bell Road	1350			
5	Robie	North	Opposite Mr. Harris	221			
6	North	Water	Brunswick		930	1082	
6	Lockman	Gerrish	North		1350	1736	Slight repairs.
6	Young	Campbell Road	Victoria		150	546	
6	Young	Kempt Road	Opposite Mr. Quinn	1350			
6	Agricola	Almon	May	600			
6	Water	Gerrish	Railway Crossing		2100	5600	{ Laid a Wooden Box and filled in Ditch North Side.
6	Clifton	North	Opposite Houses	458			
6	Bayer's Road	Opposite	Jack and Bells	400			

No. 2.

List of Streets in which Curbings have been set, in 1882.

WARD.	STREET.	FROM	TO	NEW.	RESET.	REMARKS.
				FT.	FT.	
1	Pleasant	Opposite	Henry Peters	22		
1	Morris	Opposite	St. Lukes Ch.	5.11		At Gratings
1	Inglis	Corner	Lucknow	5.8		" "
1	"	"	Park	5.10		" "
1	Hollis	Corner	Morris	17		
1	Queen	Opposite	Alma Hall	52		To put on Bridge
3	Granville	George	Duke		331	Where required.
4	Jacob	Corner	Barrington	11		East side
1	Argyle	Bell's Lane	Buckingham		81	Where required.
5	Jacob	Poplar Grove	Brunswick		300	North side
5	Lockman	North of	Cornwallis	6		At grating

No. 3.

List of Crossings.

WARD.	STREET.	FROM	TO	NEW.	RESET.	REMARKS.
				FT.	FT.	
1	Morris	West side	Hollis		38	Double Crossing
1	Hollis	North side	Morris		32	" "
1	Pleasant	Opposite	Henry Peters	12		Double crossing flat on top
2	Hollis	North side	Wallace	32.3		Cut flat on top.
2	"	South side	Sackville	27		" "
3	"	North side	"	31.6		" "
3	Cheapside	East side	Hollis	37		4.6 wide, flat on top.
3	Hollis	South side	George		30	Double crossing.
3	Barrington	South side	Prince	32.9		Cut flat on top
3	"	North side	"		31.6	" "
4	Buckingham	West side	Granville		32	Double crossing.
4	"	East side	"		36	" "
4	Granville	North side	Buckingham		36	Cut flat on top.
4	"	South side	"		32.3	" "
4	"	North side	Duke		32	Partly cut flat on top
4	"	Fm. Scotts Cr	To Duffus Cr.		54	Cut flat on top
4	Bell's Lane	East side	Argyle		18	Double crossing.
4	Water	North side	Bells Lane		26	Cut flat on top.
4	"	Opposite	Tobins Whf.		23.6	Double Crossing
4	"	South side	Jacob		24.6	" "
4	Jacob	Corner of	Water		22	" "

No. 4.

List of Streets in which Gutters have been paved, 1882.

WARD.	STREETS.	FROM	TO	NEW.	RESET.	REMARKS.
				FT.	FT.	
1	Queen	Opposite	Alma Hall	26		Granite Stone.
1	Inglis	South Park	Tower Road	486		North side.
1	Queen	Victoria Road	To Bridge	102		West side.
1	Hollis	Corner of	Morris	17		"
3	"	Opposite	Club House		75	"
3	Granville	George	Duke		331	E. side where req'd
4	Jacob	Corner of	Barrington	11		East side.
4	Argyle	Bell's Lane	Buckingham		81	Where required...
4	Jacob	Poplar Grove	Brunswick		300	"
5	Maitland	Brehm's Lane	North		200	West side.
5	"	B't'n. Pc. Wm.	And Gerrish St.	250		Centre of narrow pt.
5	Chestnut Place	Cunard	To End	231		North side.
5	"	"	"	251		South side.
5	Maynard	West	Gerrish	111		West side.
6	North	Corner of	Kempt Road	25		West side.
6	Kempt Road	North Street	North	560		South side.
6	Almon	Corner of	Young	27		East side.
6	Young	Union	North Starr St.		150	North side.

No. 5.

List of Sidewalks Graded and Gravelled, 1882.

WARD.	STREETS	FROM	TO	Distance in ft.	Bushels of Gravel.	REMARKS.
1	Pleasant	Opposite	Mr. Bauld	600		East side;
1	"	"	"	600		West side;
1	Inglis	Victoria Road	Bland	487		North side;
1	Tower Road	South Park	Tower Road	446		North side;
1	Queen	Inglis	To School House	375		East side;
1	Pleasant	Victoria Road	To Bridge	102		West side;
1	Hollis	Mr. Pugh	To Mr. Finlays	541		Brokenshire Patent;
1	Queen	Morris	Fawson	337		East side where required;
1	Queen	Kent	Tobin	225		East side graded;
1	Bottenburgh	Queen	Birmingham	225		North side;
1	South Bland	Atlantic	Inglis	675		West side, gas ashes;
1	S. G. Road	Queen	Summer	1950	1950	South side;
1	"	Robie	Carlton	525		" gas ashes;
1	South	Wellington	Robie	1200		"
1	Victoria Road	Opposite	Mr McDonald	39		Brokenshire patent;
1	Tower Road	Morris	S. G. Road	750		East side, slight repairs;
2	S. G. Road	Queen	South Park	975	1140	North side;
2	Dresden Row	S. G. Road	Annandale	525	600	West side;
2	Robie	"	To Cemetery	300		East side, gas ashes;
2	Jubilee Road	Louisburg	Walnut	525		South side, rock cut down;
2	Quinpool Rd	Oxford	Robie	2250		South side graded;
3	Brunswick	Front of	High School	100	72	Where required;
3	George	Bank	Granville	90		Brokenshire patent;
3	Granville	George	Duke	331		"
3	Hollis	Opp. Victoria	Block	115		"
4	Duke	Barrington	Brunswick	675	372	North side;
4	Buckingham	"	"	675	264	"
4	Argyle	Bells Lane	Buckingham	81	132	Stone flags relaid;
4	"	Buckingham	Duke	337	192	East side;
4	Albermarle	"	Duke	300	216	West side;
4	Brunswick	Jacob	Duke	750	516	East side;
4	Barrington	Bells Lane	Buckingham	134		Brokenshire p't. and bricks;
4	"	Front of Com'l	Block	89		Brokenshire patent;
4	Barrington	Bells Lane	Buckingham	130	132	East side;
4	Bells Lane	Barrington	Argyle	150	96	North side;
5	Jacob	Poplar Grove	Brunswick	300	552	Bricks relaid;
5	Barrington	Jacob, Front	Of Mr. McMurray	85		Brokenshire patent;
5	Hurds Lane	Water	Starr	375		South side;
5	Barrington	Cornwallis opp	Mr. Scriven	200		East side;
5	Cornwallis	Water	Brunswick	560	79	North side;
5	Water	Cornwallis	Grays Lane	975	1353	South side;
5	Lockman	Water	Gerrish	1087	1212	Both sides where required;
5	Gerrish	Maynard	Lockman	450	300	South side;
5	"	Maitland	Gottingen	300	104	North side;
5	"	"	"	225	100	South side;
5	Maynard	Cornwallis	Cunard	300	504	East side;
5	"	West	Gerrish	111		West side;
5	Gottingen	Cogswell	Falkland	400	180	East side;
5	Chestnut Place	Cunard	To End	160	492	Both sides;
5	Compton Av	Robie	Windsor	487	984	Both sides where required;
5	West	"	North George	450	312	North side;
5	North Park	Ft. of Union	Protection Hall	190	130	
5	Maitland	Gerrish	Prince William	250	324	Both sides where required;
6	Lockman	North	Artz Lane	375	804	East side;
6	Kempt Road	North	North	560	432	West side;
6	North	Corne	Kempt Road	25		"
6	Kempt Road	From Cotton	Factory	200		"
6	Young	North Starr	Union	150		"

No. 6.

List of Sewer Pipes and Branches, etc., in Store, 31st April, 1883.

NO.	SIZE.	CROCK PIPES AND BRANCHES.	SIZE OF BRANCH.
2	15	Single Branches.....	15
10	15	“ “.....	12
3	15	“ “.....	9
8	12	“ “.....	3
10	12	“ “.....	9
7	12	“ “.....	12
47	9	“ “.....	9
34	9	“ “.....	6
2	9	“ “.....	3
1	12	Double Branches.....	9
7	9	“ “.....	9
15	9	“ “.....	6
2	6	“ “.....	6
2	15	Angle Branches.....	15
10	15	“ “.....	12
4	15	“ “.....	9
6	15	“ “.....	6
8	9	“ “.....	6
8	15	Pipes.....	
2	12	“.....	
3	6	“.....	
1	15	Bend.....	
5	15	Elbows.....	
24	12	“.....	
42	9	“.....	

CLERK OF WORKS REPORT.

OFFICE OF COMMISSIONERS,
BOARD OF CITY WORKS,

May 17th, 1883.

To the Chairman and Commissioners Board of City Works:

GENTLEMEN,—In accordance with instructions I have the honor to herewith submit for your information the annexed Report, showing the various disbursements for the different services, under your control, from January 1st, 1882, to April 30th, 1883.

All of which is respectfully submitted.

J. B. JOHNSTON,
Clerk of Works.

WATER DEPARTMENT.

*Statement showing Expenditure for Maintenance Account
Water Department, from 1st January to 30th
April, 1882.*

Labour.....	\$2456	39	
Salaries.....	1502	04	
Stationery	25	80	
Printing and Advertizing.....	32	18	
Rent of Stores and Workshops	112	50	
Gas.....	4	00	
Hardware, Lead Pipe, etc.....	3	70	
Wooden Wedges.....	42	00	
Materials for Repairs to Pipe Houses...	60	16	
Materials for Hatch Boxes.....	198	48	
Miscellaneous Accounts.....	228	29	\$4665 54
			\$4665 54
			\$4665 54

MONTHLY DISBURSEMENTS FOR ABOVE PERIOD.

January.....	\$1200	84	
February.....	1571	47	
March.....	986	38	
April.....	906	85	\$4665 54
			\$4665 54
			\$4665 54

*Statement showing Expenditure for Maintenance Account,
Water Department for year ending 30th April, 1883.*

COST OF SERVICE.

Labor.....	\$6787	83	
Salaries.....	3006	30	
Stationery.....	27	25	
Printing and Advertising.....	87	03	
Rent of workshops and Stores.....	112	50	
Gas.....	11	25	
Hardware, Lead Pipe, etc.....	67	53	
Sundry Castings.....	557	67	
Insurance.....	2	50	
Rebuilding Mouth of Conduit Long Lake, cost of materials.....	494	97	
Building Hatch Boxes for access in cleaning the Main Pipes, cost of materials	306	60	
Miscellaneous Accounts.....	736	12	\$ 12,197 55
			<u>\$12,197 55</u>

MONTHLY DISBURSEMENTS.

May.....	\$1412	12	
June.....	1394	35	
July.....	917	41	
August.....	1147	86	
September.....	906	56	
October.....	568	53	
November.....	383	07	
December.....	2316	71	
January.....	1213	39	
February.....	529	03	
March.....	631	29	
April.....	777	23	\$ 12,197 55
			<u>\$12,197 55</u>

*Statement showing Expenditure for Construction Account,
Water Department, from 1st January, till
30th April, 1882.*

COST OF SERVICE.

Service Extension to houses, etc., labour.....	\$ 41 86		
Hardware and Lead Pipe.....	42 33	\$	84 19
			<u>84 19</u>
		\$	<u>84 19</u>

MONTHLY DISBURSEMENTS.

January.....	\$ 31 36		
February.....	42 33		
March.....			
April.....	10 50	\$	84 19
			<u>84 19</u>
		\$	<u>84 19</u>

WARD 1

*Statement showing Expenditure for Construction Account
Water Department, for the year ending 30th
April, 1883.*

COST OF SERVICE.

Service Extension to houses, (labor).....	\$ 235 42	
Extension, 6 in., Kempt Road, ".....	383 45	
Fire Plug, " " ".....	25 20	
Long Lake Dam (at Nicholson's).....	281 78	
Hardware, Lead Pipe, etc	312 83	
Brass Castings.....	115 81	
Stop Cocks.....	340 50	
Pump.....	30 00	
6 in. Water Pipes.....	581 65	\$ 2306 64
		<u>\$ 2306 64</u>

MONTHLY DISBURSEMENTS.

May.....	\$ 38 46	
June.....	461 98	
July.....	544 67	
August.....	101 66	
September.....	481 77	
October.....	100 78	
November.....	3 00	
December.....	572 32	
January.....	2 00	
February.....		
March.....		
April.....		\$ 2306 64
		<u>\$ 2306 64</u>

WARD 1.

*Statement showing Expenditure for Labor, Cartage and Material
for Street Work from 1st January to 30th
April, 1882.*

DR.

GENERAL REPAIRS THROUGHOUT THE
WARD.

To amount paid for labor.....	\$ 18 64	
" " cartage.....	3 42	
	<u> </u>	\$ 22 06
VICTORIA ROAD, (Sundry repairs)		
To amount paid for labor.....	\$ 6 09	
" " cartage.....	40	
	<u> </u>	6 49
PLEASANT STREET, (Metalling, Repairs Sidewalk.)		
To amount paid for labor.....	\$ 25 72	
" " cartage	34 38	
" " material.....	73 33	
	<u> </u>	133 43
KENT STREET, (Raising Crossing.)		
To amount paid for labor.....	\$ 18 13	
" " cartage	10 62	
" " material.....	22 68	
	<u> </u>	51 43
HOLLIS STREET, (Paving.)		
To amount paid for labor.....	\$ 12 65	
" " cartage.....	4 32	
" " material.....	6 72	
	<u> </u>	23 69
MORRIS STREET, (Repairs Sidewalk.)		
To amount paid for labor.....	\$ 1 35	
" " cartage	5 22	
" " material.....	98 07	
	<u> </u>	104 64
SPRING GARDEN ROAD, (Metalling.)		
To amount paid for labor.....	\$ 8 42	
" " cartage.....	19 33	
" " material.....	44 63	
	<u> </u>	72 38