

CITY OF HALIFAX

COMMISSIONER OF FINANCE

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HALIFAX, NOVA SCOTIA

# ANNUAL REPORT

OF THE

SEVERAL DEPARTMENTS

OF THE

# CITY GOVERNMENT OF HALIFAX,

NOVA SCOTIA,

FOR THE MUNICIPAL YEAR

1880-1.



HALIFAX:  
PRINTED BY BLACKADAR BROS.,  
1882.

GOVERNMENT  
OF THE  
CITY OF HALIFAX,

1880-81.

MAYOR.

STEPHEN TOBIN, Esq.

ALDERMEN.

WARD No. 1.—GEORGE FRASER,  
THOMAS CLAY,  
J. C. MACKINTOSH.

“ “ 2.—T. SPELMAN,  
T. TRENAMAN, M. D.  
A. HESSLEIN,

“ “ 3.—ROBERT MOTTON,  
GEO. SANFORD,  
T. P. CONNOLLY.

“ “ 4.—GEO. McLELLAN,  
THOS. WALSH, M. D.,  
P. O'MULLIN.

“ “ 5.—LAURENCE HOULETT.  
WM. WOODILL,  
JAMES R. GRAHAM,

“ “ 6.—WM. NISBET,  
DAVID McPHERSON,  
DOUGLAS M. STORY.

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

GOVERNMENT

1880-81

CITY OF HALLOWELL

1880-81

1880-81

1880-81

[Extract from Minutes of City Council, March 22nd, 1882.]

RESOLVED, That the Annual Statements and Reports of City Council, and the several Civic Departments be published as usual, and that Aldermen MacCoy, Connolly and Nisbet be a Committee to superintend the same; and resolved that the City Clerk notify the several committees and departments to send in their reports without delay. (Passed.)

[A true extract.]

THOS. RHIND,

City Clerk.

## ESTIMATE FOR 1880-1:

The Committee of Public Accounts beg to submit, for the consideration of the City Council, the Estimate of Civic Expenditure for the year 1880-81 :

### SALARIES :

His Worship the Mayor.....	\$	1000	00
His Honor the Recorder.....		1200	00
The City Treasurer and his Assistant, (part.).....		1400	00
The City Auditor.....		1200	00
The City Clerk.....		1260	00
The Assistant Clerk.....		600	00
The Second Assistant Clerk.....		200	00
The Clerk of Licenses.....		540	00
Inspector of Assessments.....		900	00
Ward Assessors ..		1000	00
Keeper of City Clock.....		100	00
Keeper of City Building.....		200	00
City Medical Officer.....		720	00
Clerk to Board of Health.....		100	00
Amount allowed Collector of City and Water Rates.....		500	00
		\$	10,920
			00
<i>Carried forward</i> .....			\$10,920
			00

Amount brought forward.....\$10,920 00

POLICE DEPARTMENT :

Salary of City Marshal.....	\$ 1080 00
Salaries of Deputy Marshals (2), \$630 each.....	1,260 00
Salary of City Detective.....	540 00
Six Police Sergeants, \$450 each.....	2,700 00
30 Policemen, \$400 each.....	12,000 00
Clothing for 38 men at \$40 each.....	1,520 00
Keeper of Lock-up.....	56 00
Keeper of Engine House, Gerrish St.....	350 00
Six months allowance do.....	315 00
	<u>\$19,821 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.....	2500 00
Union Engine Company.....	400 00
Union Protection.....	400 00
Axe and Ladder Company.....	100 00
Overdrawn in Department last year...	1662 36
Contingencies.....	100 00
	<u>\$ 6462 36</u>

CITY PRISON :

Salary of Governor and Matron.....	\$ 800 00
Salaries of Underkeepers and Officials..	2800 00
Maintenance.....	4000 00
Overdrawn last year.....	1778 76
	<u>\$9378 76</u>
Less probable income.....	1500 00
	<u>\$ 7878 76</u>

BOARD OF CITY WORKS :

Repairs of City Property.....	\$ 1,000 00
Internal Health.....	6,370 72
Streets—Labor and Material.....	15,144 88
	<u>\$22,515 60</u>
Carried forward.....	\$67,597 72

Amount brought forward.....\$67,597 72

## INTEREST:

Old Street Loan, D. C., \$35,000 6 p.c.	\$2100 00
B'k Sidew'ks )	17,200 6 p.c. 1004 40
do. )	10,800 5 $\frac{3}{8}$ p.c. 604 48
do. )	16,000 5 $\frac{1}{2}$ p.c. 856 44
do. )	4,000 5 p.c. 194 67
<i>undead</i> Funeral Debt.....	24,000 5 $\frac{1}{2}$ p.c. 1284 83
Market Slip.....	8,000 5 p.c. 389 33
Current Interest.....	1500 00
Interest on Prison Debt renewed.....	2145 00
Interest on Hospital do..	2160 00
	<hr/> \$12,259 15

## MISCELLANEOUS:

Gas and Fuel for City Buildings.....	\$ 300 00
Gas Co., say 300 lamps, at \$24.....	7200 00
Printing and Stationery.....	500 00
Premiums of Insurance.....	200 00
Citizens' Free Library.....	1000 00
Allowance to Mrs. Tobin.....	101 28
Halifax Visiting Dispensary.....	600 00
Oil Lamps.....	600 00
Brick Sidewalk (Sinking Fund).....	400 00
Allowance for short collection of Rates.	7000 00
Industrial School.....	196 33
New Bell for Engine House.....	1000 00
Infants' Home.....	200 00
	<hr/> \$19,297 61

Carried forward.....\$99,134 48

Amount brought forward.....\$99,134 58

CONTINGENT ACCOUNT:

For this amount for current year.....\$1156 79  
 -----\$100,291 37

LESS PROBABLE INCOME:

Auction and Liquor Licenses.....	\$9000 00
Cabs, Trucks, Express and other Licenses.....	1000 00
Fees City Court, Judgment Fees, etc., from all sources.....	6000 00
Fees, etc., received from City Marshal..	1000 00
Fees, etc., Detective Service.....	200 00
Rents of City Property.....	3500 00
Dog Tax.....	700 00
Rents Exhibition Building.....	1350 00
	-----
	\$22,750 00
	-----
	\$77,541 37

EXTRA ASSESSMENTS, UNDER SPECIAL ACTS:

Salary of Stipendiary Magistrate...\$	2,000 00
Salary of City Engineer.....	1,800 00
City's proportion of County Assess- ments.....	18,300 00
Allowance for short collection of do.	1,000 00
City's proportion of Maintenance of Poor's Asylum.....	14,000 00
Public Schools, per Estimate.....	60,000 00
Allowance for short collection of do.	3,000 00
Estimate for Sanitary purposes.....	300 00
Revisors of Electoral Lists.....	200 00
Allowance to Board of City Works..	1,000 00
Maintenance of the Public Park....	600 00
Maintenance of the Public Gardens..	1,500 00
Maintenance of the Public Library..	1,200 00
Fire Department, special loan (last)..	1,000 00
Special Loan Exhibition.....	2,000 00
Treasurer collecting School Rates....	800 00
County do.....	200 00
	-----
	\$108,900 00

Carried forward.....\$186,441 37



Amount brought forward.....\$186,441 37

## DEBENTURES IN N. S. CURRENCY :

Interest on Debentures Poor's Asylum, \$30,000, 6 p. c.....	\$1752 00
Interest on Lockman Street, \$23,000 5½ p. c.....	} 7593 95
Interest on Lockman Street, \$108,400, 6 p. c.....	
Interest on Central Engine House \$3,000, at 5½ p. c., \$8,000 at 6 p. c.	627 80
	<u>\$ 9973 75</u>

## DEBENTURES IN DOMINION CURRENCY :

Interest on Engine House, Gerrish St., \$12,000, 6 p. c.....	\$ 720 00
Interest on Debt for repairs to City property Debentures, \$5,000, 5 p. c.,	275 00
Interest on Fire Alarm Telegraph De- bentures, \$8,000, 6 p. c.....	480 00
Interest on Hospital for Contagious Diseases Debentures, \$10,000, 6 p. c.	600 00
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 Queen Street Extension De- bentures, \$5,000, 6 p. c.....	300 00
Interest on Public Gardens Debentures, \$15,000, 6 p. c.....	900 00
Interest on Poor's Asylum and Hospital Debentures, \$2,500, 6 p. c.....	150 00
Interest on Special Loan, Fire Department	60 00
Interest on New Funded Debt.....	2640 00
Interest on Exhibition Loan.....	1200 00
	<u>\$13,925 00</u>
	<u><u>\$210,340 12</u></u>

I certify that the above is a correct copy of Estimate passed by the Council July 10th and 30th, 1880.

THOS. RHIND, *City Clerk.*

*Office of City Clerk, Halifax, 24th August, 1880*

## CITY AUDITOR'S REPORT.

OFFICE OF CITY AUDITOR,

*Halifax, 29th August, 1881.*

SIR,—I have the honor to submit and lay before Your Worship and the City Council, a general report upon the financial affairs of the city for the year ending 30th April, 1881. The total aggregate of the Civic Funded Debt, including \$165,718 for school debentures, amounted on 1st May, 1881, to \$1,491,945.18. With the exception of \$8,000 for debentures on the Market Slip Buildings, since paid off, the amount is substantially the same as it stood in May, 1880. The annual interest, however, has been somewhat reduced by the conversion of some of the six per cent. debentures into consolidated or permanent stock at five per cent. Upon a former occasion I reported that of the whole civic debt only about one sixth or \$250,000 was capable, under existing Acts, of such conversion, at least for the present. More than one-half of the whole civic debt consists of debentures for the Water Department, none of which include any provision for pre-payment, and ten years must elapse before the first issue of water debentures will fall due. In the meantime, as regards the \$250,000 alluded to, conversion has taken place already to the extent of \$183,000, forty-three thousand of this amount being consolidated stock at 5 per cent. to run 25 years, and \$140,000 permanent stock, also at 5 per cent. This stock was readily taken up at premiums varying from one-half to two and a half per cent.

The Floating Debt is one of which it is not easy to speak in terms of exactness, for the simple reason that it is con-

stantly changing. On 1st May, 1881, it might be stated in round numbers at \$127,000, chiefly due to Public Schools, the County of Halifax, the Board of Public Charities, and the Halifax Bank. To meet these claims the only available resources the City possessed were outstanding taxes accruing for several years, and amounting, at that time, say to \$128,000. Since that time a considerable part of these taxes has been collected, and some of the claims partially satisfied, but your Worship and the Council will remember that a large proportion of the money received daily at the Treasury must necessarily be used to meet daily wants. The interest, for instance, must be, and always is, paid promptly; the salaries and running accounts of the departments are generally paid every month, so that a deficiency arising from any cause has but small chance of being overtaken.

The deficiency in the present instance, as in the past, has been mainly owing, as Your Worship and the Council are aware to the fact that the assessment is always treated as if it were cash in hand, and disbursed accordingly, without anything like adequate allowance being made for the chances of collection. This question has of late been so often and so thoroughly discussed that I need not here allude to it, further than to say, that when the time arrives, as come it must, to make provision for this deficiency, it will be necessary to make as careful a computation as possible of outstanding taxes, so that the amount to be borrowed may be reduced to a minimum. In the meantime we shall not be greatly astray if we estimate one hundred thousand dollars as the very least, which must be provided to meet deficiencies arising from uncollected taxes during the past seven or eight years. Since 1875, when the total amount returned for assessment, was \$19,781,240, the returns have been steadily diminishing until last year, when the total of both real and personal property was but \$14,468,520.

There is no mistaking the significance of these figures, and the only consolation we have is a knowledge of the fact that other cities have had a similar experience. The city of Boston, for instance, which, however, has since recovered itself, showed a falling off in its assessment for the year 1878, of seventy millions of dollars. At the same time I must here repeat what was stated in a former report concerning our assessment. Comparisons are apt to be delusive, because, to make a fair comparison, all circumstances should be taken into account. Since 1878, when our general assessment was

something over seventeen millions, the banks and other chartered companies have been rated in a way that does not tell in the statement of returns for personal property, namely, by per centage on their capital. Apart from this explanation, the assessed returns of real and personal property for 1881-82 show upon the whole a slight improvement on last year. In 1880-81 the returns for real estate within the city limits, gave \$10,884,250, and for personal property \$3,584,270. For the present year 1881-82 the completed returns give for real estate \$11,037,150 and for personal property \$3,476,592, showing a gain in the whole assessment to the extent of \$45,222. In another department of our finances, and a most important one, there is also to be noted an improvement. The total amount assessed upon the citizens for City, County and School Rates for the year 1880-81 was \$210,340.12, and of this amount there had been collected on 1st May last, \$172,747, which is a very much larger proportion of the annual assessment than has been collected in the same time for some years past. There is nothing, certainly, in these details to give much present cause for jubilation, but there is enough in them to induce a belief that the long depression in business is passing away, and to encourage a hope that in future the annual assessment will continue to increase. An increased assessment upon property, I need not tell Your Worship and the Council, does not, as many suppose, necessarily imply an increase of individual taxes, but generally the reverse, by diminishing the rate per centum; provided, of course, that the maintenance of the departments is kept within due bounds. The rate per centum for the present year is \$1.51. It may not be uninteresting, in this connection, to know that in the new city of Winnipeg the rate per centum has already reached \$1.50. In previous reports I ventured to make some suggestions with regard to financial matters, which, with others made by the Committee of Public Accounts, have during the past year been very earnestly discussed in the City Council. Though no decision has yet been arrived at in reference to these suggestions, I take it for granted they will soon again occupy the attention of the Council, so that any alterations adopted may be laid before the Provincial Legislature during its next session. The following statement obtained from the Inspector of Assessments shows the number of vacant buildings in the city, comprising dwellings, shops, etc., etc., in the month of May, this year, when the annual assessment was made:

WARDS.	DWELLINGS.	SHOPS.	WAREHOUSES.	TOTAL.	VALUE.
1.....	26	15	11	52	\$ 75,000
2.....	14	9	4	27	54,400
3.....	16	18	9	43	102,150
4.....	11	5	2	18	38,200
Div. 1st-5.....	18	15	5	38	57,500
" 2nd-5.....	26	20	9	55	59,300
6.....	41	18	2	61	50,200
Total.....	152	100	42	294	\$436,750

This is the first occasion, I believe, in the history of the city that an official return of the unoccupied premises has been made by the authorized assessors, and it is so interesting and valuable as a record of progress, or the reverse, that I trust it will not be omitted in future assessments. During the past year the debentures on the Market Slip Buildings, which were included in the loan of \$44,000 to meet deficiencies, were paid off. The Market House and the buildings on the Slip are now clear of incumbrance, and the rents accruing therefrom form part of the city revenues. I have regularly examined and checked the books and accounts of the various departments and will have a statement of each prepared for publication, as usual. I may here state that the reason why this report has been somewhat delayed this year, as also in previous years, is that I was desirous to give the corrected returns of the annual assessment as well as the rate per centum for the year, both of these items being generally of great interest to the citizens.

I have the honour to be, Sir,

Your obedient servant,

J. A. BELL,

*City Auditor.*

## STREETS.

*Statement of Expenditure from 1st May, 1880, to 30th April, 1881.*

1880.		DR.	
May	5.	Paid for Clearing Sidewalk.....	\$ 11 09
		do. Work on Slip, etc.....	22 39
		Sundry Small Accounts.....	45 46
		J. W. Blakeney and others.....	167 77
		Work on Cogswell Street.....	28 52
		Munro and others, Contract.....	115 20
		General Work on Streets.....	180 32
June	16.	do on.....	114 14
	23.	Hefler, for Gravel, etc.....	76 28
	30.	Work on Grafton Street.....	175 50
July	7.	General Work.....	121 63
	14.	Work at Richmond.....	70 17
Aug.	4.	do. Clearing Drains.....	29 10
		Paid Stationery Account, etc.....	68 01
		Paid Sundry Accounts.....	56 23
		Work Curbing Sidewalks.....	143 05
	18.	do. do.....	448 64
	31.	Work, Birmingham Street.....	532 86
Sept.	1.	do, Birmingham and Gottingen Sts.	532 18
	9.	do. on Park Street.....	574 80
	29.	do. Water Street and Campbell Road	805 20
		do. Sackville and Brunswick Streets	353 88
		General Work.....	653 57
Oct.	1.	do.....	563 16
	13.	Paid for Broken Stone, etc.....	1026 93
	30.	Paid W. Yeadon, for Granite.....	750 00
		do. for Work and Accounts.....	705 39
	27.	Work on Maple and Young Streets...	607 60
Nov.	3.	do. Lady Hammond Road.....	544 78
	10.	do. Creighton Street, etc.....	659 26
	24.	do. Victoria Road.....	569 16
		Drain Pipes and Work.....	954 05
Dec.	1.	A. R. Wood, Contract.....	704 00
	1.	Work on Robie Street, etc.....	345 10
	8.	do. North Street, etc.....	356 58
	15.	do. Robie Street.....	359 55
	22.	do. J. Naylor, work.....	50 00
1882.			
Jan.	1.	Paid Sundry Accounts and Work.....	266 62
		Work, Gutter, North Street.....	123 87

Jan.	4.	A. Wood, Contract.....	\$ 453 00
	4.	Work, Russell Street.....	114 86
	12.	do. North Street.....	216 21
	19.	do. Smith and Kaye Street Acct...	200 24
	26.	do. North Street.....	120 20
		do. For Kindling Wood.....	1 75
Feb.	2.	Shepherd and others.....	488 96
	9.	Work Cogswell Street.....	57 55
	16.	W. McFatridge, Account.....	51 73
	23.	Paid for keep of horse, etc.....	24 54
		Paid Black Brothers Account, etc....	161 51
Mar.	2.	For keep of horse, etc.....	22 00
	9.	Sundry Small Accounts.....	30 15
	16.	General Work.....	16 00
	23.	do. Repairing.....	18 06
	30.	do. do. ....	12 26
		Work on Slip, etc.....	10 38
Apl.	13.	Paid W. Graham's Account, etc.....	89 84
	20.	General Work, clearing up.....	123 34
	27.	do. Exhibition Grounds...	230 54
		Balance carried down.....	1958 43
		(Paid out \$16,126 19).....	\$18,334 59

1880.

CR.

May 1.	By balance per Report 1879-		
	80; p 20.....	2,855 12	
	Cash from Board Works...	68 97	
	Sundries do. ....	265 62	
	Appropriation.....	15,144 88	
			\$18,334 59

1881.

May 1.	By balance brought down.....	\$ 1958 43
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## INTERNAL HEALTH.

Statement of Expenditure from 1st May, 1880, to 30th April, 1881.

1880.

DR.

May 5.	Paid for Work Cleaning up.....	\$ 434 19
7.	do. do. ....	261 36
12.	do. do. ....	232 49

May 26.	Cleaning and Watering .....	\$ 291 74
June 5.	Repairing Carts and Work .....	488 54
16.	Watering Streets and Removing Ashes	388 89
23.	do. do.	364 89
	do. and Clearing Drains.	345 62
30.	Cleaning Streets .....	343 96
	Removing Ashes .....	168 51
Aug. 4.	do. do. and Cleaning up. ....	256 26
	Removing Ashes, etc. ....	110 10
	Cleaning Streets, etc. ....	212 32
	Removing Ashes, etc. ....	183 89
	do. ....	181 56
	do. ....	199 64
Sept. 1.	do. and Watering ...	220 93
9.	do. ....	219 75
15.	Spreading Ashes, etc. ....	137 99
22.	Spreading and Removing Ashes .....	184 26
29.	do. Watering do. ....	207 20
Oct. 6.	do. do. ....	210 83
13.	Removing Ashes, etc. ....	203 04
20.	Watering and Cleaning .....	201 91
26.	Clearing Drain, Freshwater. ....	243 87
	Removing Ashes, etc. ....	192 92
Nov. 3.	Spreading do. ....	153 85
10.	Cleaning Streets, etc. ....	138 66
17.	do. and General Work .....	131 78
24.	General Work .....	8 42
Dec. 1.	do. ....	3 00
2.	Levelling Ashes .....	5 86
15.	do. ....	3 00
22.	Clearing Gratings .....	5 88
29.	do. do. ....	5 56
1881.		
Jan. 5.	Clearing Gratings .....	17 76
12.	General Work .....	19 09
19.	Clearing Gratings .....	17 22
Feb. 1.	Clearing Gratings and Gutters .....	25 83
2.	do. do. ....	32 58
3.	General Work .....	27 68
16.	do. and Clearing Gratings ..	24 78
23.	do. do. ..	37 11
Mar. 2.	do. do. ..	33 53
9.	do. do. ..	31 69
16.	do. do. ..	32 22
17.	General Work .....	120 83



Mar. 30.	General Work.....	\$ 216 84
Apl. 6.	do. ....	28 28
13.	do. ....	229 67
20.	do. ....	202 64
27.	do. ....	266 61
	Transfer.....	35 70

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\$8,342 73

CR.

By Balance, per Report 1879-		
80 p. 22.....	\$ 665 78	
Appropriation for year.....	6370 72	
Board of Works.....	7 68	
Balance below.....	1298 55	
(Amount paid out..\$8307 93)	<u>          </u>	<u>\$ 8,342 73</u>

1881.

May 1.	To Balance brought down.....	\$1,298 55
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### CITY PROPERTY REPAIRS, &c.

*Statement of Expenditure from 1st May, 1880, to 30th April, 1881.*

1880.	Dr.	
May 5.	Work on Exhibition Building, etc.....	\$ 318 30
	Paid Fishwick's Express.....	6 25
21.	Work on Engine Houses.....	113 99
21.	Insurance, &c.....	31 59
June 2.	Sundry Repairs.....	27 45
9.	do. do. ....	11 37
16.	Paid H. Kerr and others account.....	56 85
23.	Fencing Artz Street, etc.....	4 37
30.	George Rent, his account.....	5 25
July 7.	Work at North Slip.....	32 57
14.	do. Engine House.....	23 00
Aug. 4.	General Repairs.....	18 88
	Work on City Building.....	40 82
	do. Exhibition Building.....	18 46
	J. E. M. Taylor's Account.....	4 50
Sep. 1.	Insurance.....	87 89
9.	G. Kerr and others, Exhibition Bl'dg..	85 75
16.	Jordan & Fidler, Engine House.....	240 50

Sep. 16.	H. Kerr and others account .....	\$ 47 34
22.	Work, Exhibition Ground .....	22 58
29.	do. W. Wiswell and others.....	94 39
Oct. 6.	Insurance .....	3 00
	Paid J. Bowser's Account .....	5 00
	Islesville Engine House.....	73 83
Aug. 31.	Paid Sundry Accounts.....	7 20
Oct. 27.	Storing Coal, &c.....	6 20
Nov. 10.	Cleaning and Insurance .....	35 60
17.	G. W. Bowser .....	2 00
24.	W. Roche's and J. W. Horley's Accts..	574 98
Dec. 1.	Insurance .....	20 00
8.	W. G. Hopewell and others Accounts..	62 47
15.	Black Brothers and others Accounts..	64 04
22.	J. W. Bowser .....	10 00
30.	Insurance on Fish Market.....	27 00

## 1881.

Jan. 5.	Cleaning City Buildings .....	7 60
12.	Repairing Safe, &c.....	18 25
19.	Sundry Accounts .....	35 33
Feb. 2.	W. G. Wiswell and others Account....	128 39
3.	Repairs City Building .....	6 33
16.	Insurance.....	5 25
23.	G. W. Bowser... ..	7 20
Mar. 2.	W. G. Symonds' Account.....	3 25
9.	Work on Exhibition Building.....	119 73
16.	do. Market Clock, etc.....	36 00
23.	T. W. Bateman, Work on Safe.....	25 75
30.	J. W. Brown.....	4 00
	Insurance .....	8 00
Apr. 13.	W. G. Wiswell and others Account....	89 30
20.	Repairs and Insurance .....	151 33
	Insurance.....	55 00

(Cash paid out \$2,809 13).....\$2,884 13

## 1881.

## CR.

May 1.	By Balance per Report 1880,	
	p. 25 .....	\$1,118 70
	Appropriation.....	1,000 00
	Extra do. Insurance, etc....	300 00
	Balance below .....	465 43
		<u>\$ 2,884 13</u>

## 1881.

May 1. To balance brought down.....\$ 465 43

## THE CITY PRISON.

*Statement of Expenditure from 1st May, 1880, to 30th April, 1881.*

1880:	DR.	
May 1.	To Balance per Report, page 29.....	\$ 1886 77
	Paid J. J. McDonald, Groceries.....	3 64
	John Parker, Oxheads.....	35 35
	R. Abbott for Pump.....	18 50
	McIntosh & McInnis, Lumber.....	4 60
	Theakston & Angwin, Hardware.....	13 44
	A. H. Crowe, Fish.....	12 60
	Hart & Murray, Lumber.....	1 88
	J. H. Nisbet, Groceries.....	4 60
	A. Fordham, Leather.....	9 83
	Mahon Bros., Dry Goods.....	36 28
	John Parker, Oxheads.....	36 05
	J. J. Scriven, Bread.....	65 14
	W. Tolson, Homespun.....	44 80
	E. Morrison & Co., Oats.....	1 50
June 1.	D. H. Hoskins, Cab Hire.....	16 00
	Pay Sheet for April.....	279 67
16.	I. Sallis, Cab Hire.....	9 75
	A. Gardner, Cab Hire.....	3 50
	C. J. Cooke, Combs, etc.....	75
	J. Hogan & Sons, Lumber.....	10 08
July 3.	Thomas Clay, Supplies.....	81 11
	A. Fordham, Leather.....	2 82
	K. Jennings, Dry Goods.....	10 25
	F. O'Connor & Co., Blankets.....	19 90
	R. I. Hart & Co., Fish.....	8 00
	W. B. Reynolds, Hardware.....	6 24
	John Parker, Oxheads.....	36 40
	J. J. Scriven, Bread.....	61 96
	J. Houlett & Co., Homespun.....	19 69
	Thomas Walsh, Medicines.....	25 77
	D. M. Story, Supplies.....	55 65
	Lordly & Stimson, Supplies.....	49 18
	D. J. Smith, Cord, Wood.....	1 00
	W. Tolson, Homespun.....	27 20
Aug. 1.	T. P. Connolly, Stationery.....	13 42
	Pay of Men for May.....	265 67
	M. Morrison, 1 Months Pay.....	32 00
	Pay of Men for June.....	265 67
	J. J. Scriven, Bread.....	49 31

Aug. 1.	John Sullivan, Straw . . . . .	\$ 21 62
	John Nappan, Stove . . . . .	7 00
	L. Houlett & Co., Homespun . . . . .	38 31
	E. Fenton, Cab Hire . . . . .	2 00
	J. J. Scriven, Bread . . . . .	45 71
31.	Pay of Men for July . . . . .	265 67
	James Carr, Repairing Clock . . . . .	2 50
	J. F. Walker for Straw . . . . .	4 97
Sept. 1.	Pay of Men for August . . . . .	265 67
	D. M. Story, Groceries . . . . .	16 73
	Reilly & Davidson, Stoves . . . . .	14 16
	A. M. Bell, Hardware . . . . .	10 42
	R. I. Hart & Co., Fish . . . . .	7 50
	J. Hogan & Sons, Lumber . . . . .	18 80
	D. M. Story, Groceries . . . . .	15 32
	Joseph Davis, Locks . . . . .	5 00
	R. I. Hart & Co., Fish . . . . .	8 25
	J. Hogan & Sons, Lumber . . . . .	1 56
	J. Tobin & Co., Cornmeal . . . . .	68 74
	R. I. Hart & Co., Fish . . . . .	6 75
	W. H. Pallister, Groceries . . . . .	36 26
	Irish & Smith, Scythes . . . . .	3 17
	D. M. Story, Brushes, etc . . . . .	5 20
	William Roche, Coal . . . . .	3 63
	A. Fordham, Leather . . . . .	8 02
	James Whelan, Crockeryware . . . . .	94
	W. D. Harrington, Meal . . . . .	3 25
	John Parker, Oxheads . . . . .	32 55
	Wm. Roche, Coal . . . . .	11 50
	T. J. Egan, Partridges . . . . .	50
	John Parker, Ox Heads . . . . .	32 25
	R. Kinsman, Serge Suits . . . . .	72 50
	H. H. Fuller, & Co., Hardware . . . . .	6 43
	Pay of Men for September . . . . .	261 67
	W. Robertson, Hardware . . . . .	23 11
	R. I. Hart, Fish . . . . .	9 00
	J. Fortune & Co., Dry Goods . . . . .	64 32
Oct. 30.	Insurance . . . . .	7 00
	John Holland, Horse Shoeing . . . . .	6 07
Nov. 30.	John Parker, Ox Heads . . . . .	41 65
	Scriven & Co., Bread . . . . .	78 28
	J. P. Cashen, Straw . . . . .	20 38
	Esson Brothers, Meal, etc . . . . .	94 50
	Scriven & Sons, Bread . . . . .	58 85
	James Carr, Repairing Clock . . . . .	1 50
	Thos. Clay, Groceries . . . . .	90 38

Nov. 30.	T. Durney, Combs .....	\$ 35
	William Roche, Coal .....	14 05
	Pay of Men, October .....	261 67
	D. M. Storey, Truckage .....	63 25
	J. R. O'Brien, Cab Hire .....	3 00
Dec. 1.	Pay of Men, November .....	254 17
17.	A. Fordham, Leather .....	1 85
	Baldwin & Co., Lamps .....	2 11
	Thos. Clay, Corn Meal .....	108 05
	M. Campbell, Railway Fare for Paupers	7 41
	A. H. Crowe, Fish, (Sept.) .....	10 00
	Davidson & Creighton, Dry Goods .....	42 94
	A. H. Crowe, Fish, (Oct.) .....	10 00
	Reynolds & Co., Nails, etc. ....	6 43
	Jas. Whalen, Glassware .....	80
	Mahon Brothers, Dry Goods .....	31 48
	W. Moody & Co., Homespun .....	22 48
	J. W. Nisbet, Groceries .....	2 86
	R. Ainsley, Cab Hire .....	3 00
	W. Tolson, Homespun .....	62 80
	Jas. McPhee, Cab Hire .....	3 00
	J. W. Horley, Stone Work, etc .....	67 80
	J. Hogan & Sons, Lumber .....	6 61
	do. do. ....	3 58
	Scriven & Sons, Bread .....	82 30
1881.		
May 10.	W. H. Pallister, Oats .....	4 40
	D. M. Story, Groceries .....	24 01
	Theaston & Angwin, Hardware .....	2 50
	T. & E. Kenny, Blankets .....	4 65
	do. do. ....	6 30
	Thos. Walsh, Drugs, etc. ....	17 15
	Pay Sheet for December .....	257 67
	M. Campbell, Wages .....	24 50
	Morrison & Co., Oats. ....	22 20
	Insurance .....	52 20
	A. Fordham, Leather .....	8 84
	D. M. Story, Groceries .....	26 88
	O'Connor & Co., Groceries .....	40 10
	W. Murray, Brooms, etc .....	3 50
	Moir & Co., Bread .....	64 91
	George Rent, Stoves, etc .....	60 55
	W. Pallister, Supplies .....	21 64
Feb. 1.	W. Symonds & Co., Grates .....	2 50
	do. Castings .....	85

Feb. 1.	John Ead, for Rope.....	\$ 2 52
	D. Hoskins, Cab Hire.....	7 50
	Symonds & Co., Fire Pots, etc.....	38 05
	John Parker, Ox Heads.....	39 55
	Symonds & Co., Iron Lining.....	90
	John Parker, Ox Heads.....	44 10
	D. Hoskins, Cab Hire.....	10 00
	Pay List for January.....	259 67
	Lordly and Stimpson, Supplies.....	77 63
	W. E. Hyde, Oats.....	79 31
	Jas. Woodill & Son, Beef.....	10 75
	E. Ahern, Cab Hire.....	3 25
	E. Morrison & Co., Oats.....	21 50
	John Parker, Ox Heads.....	65 03
Mar. 1.	John Sullivan, Iron Work.....	13 15
	do. do. ....	14 65
	do. Straw .....	7 10
	M. Gardner, for Cab Hire.....	3 00
	J. Murphy, Men's and Women's Shoes.....	75 00
	A. M. Bell, Hardware.....	19 35
	S. Cunard & Co., Coal.....	477 29
	John Davison, Straw.....	4 41
	Theakston & Angwin, Nails.....	5 35
	A. Fordham, Leather.....	7 52
	C. W. Anderson, Molasses, etc.....	77 02
	R. Fraser, Cab Hire.....	3 25
	Pay Sheet for February.....	261 67
	D. M. Story, Groceries.....	31 95
	Moir & Co., Bread.....	76 41
	G. P. Henry, Ox Heads.....	17 76
	Lordly and Stimson, Meal.....	11 10
	Morrison & Co., Fish.....	6 00
	John Hogan & Sons, Lime.....	1 50
	Theakston & Angwin, Nails, etc.....	7 66
	Crease & Hopgood, Meal, etc.....	66 87
	Duggan & Son, Potatoes.....	8 00
	A. Fordham, Leather.....	8 64
	J. E. M. Taylor, Brushes, etc.....	25 51
	W. N. Brown, Wheelwork.....	7 39
	D. M. Story, Groceries.....	16 38
	A. F. Buckley, Drugs, etc.....	11 75
	John Sullivan, Straw.....	3 90
	Thomas Clay, Corn Meal.....	6 70
	A. Miller, Lamp Chimnies.....	3 95
	R. Martin, Leather Work.....	4 50
	T. Garrety, Cab Hire.....	2 50

Mar. 1.	W. Murray, expenses prisoners escaped	\$ 25 28
	Gordon & Keith, Bedstead.....	4 00
	W. Tolson, Homespun.....	29 00
	R. Fordham, Leather.....	8 30
	R. O'Brien, Cab Hire.....	3 00
	A. Miller, Lamp Wick.....	1 60
	M. Campbell, for Tools.....	15 00
	G. P. & J. C. Henry, Ox Heads.....	18 00
	C. & W. Anderson, Meal, etc.....	34 35
	S. Cunard & Co., Coal.....	2 25
	Pay Sheet for March.....	257 67
Apl. 11.	Theakston & Angwin, Nails, etc.....	3 41
	T. Allan & Son, Fish.....	5 63
	Charles Raine, Fence Posts.....	15 00
	A. Monaghan, Dry Goods.....	19 54
	Accounts overheld.....	16 53

(Paid out \$7,561 48.....\$ 9,448 25

CR.

By receipts from prison, p.	
152;.....	\$ 131 53
Appropriation.....	7878 76
Cheques not entered.....	12 53
Balance carried down.....	1425 43
	<u>\$ 9,448 25</u>

1881.

May 1. To Balance brought down..... \$ 1,425 43

## SEWERAGE.

*Statement of Expenditure from 1st May, 1880, to 30th April, 1881.*

1880.	DR.	
May 1.	To Balance overdrawn.....	\$ 2530 96
Aug. 1.	Paid S. L. Shannon his acct.....	100 00
Oct. 22.	Andrew Wood per Contract.....	720 00
	(Paid out \$820)	
		<u>\$3350 96</u>

1880.	CR.	
May 13.	By Cash from Board of Works.....	\$ 25 00
	Estate L. Kirby.....	18 90
June 25.	Sundry Persons, Morris street	647 65
	do. Cunard street	32 50
	B. H. Collins.....	25 00
Aug. 31.	Thomson & Bullock.....	13 00
Sep. 30.	Board of Works, O'Donnell...	25 00
	do. B. G. Gray..	3 13
1881.		
Jan. 31.	Board of Works, Morris street	78 12
	do. do.	4 00
Apl. 28.	Board of Works, M. Dwyer,	
	and others .....	297 50
	Balance below.....	2181 16
		<u>\$ 3,350 96</u>

(Receipts, \$1,169.80.)

May 1.	To Balance brought down .....	\$ 2,181 16
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## FIRE DEPARTMENT.

Statement of Expenditure from 1st May, 1880, to 30th April, 1881.

1880.		DR.	
May 1.	To Balance per Report 1882, p. 32.....	\$	1662 36
	Paid John Ead, Rent and Candles.....		31 60
	Joseph Murphy, Salary.....		45 83
21.	Mulcahy & O'Tool per Contract.....		66 66
June 1.	Joseph Murphy.....		45 82
	Ladder Company.....		37 50
2.	Sallis, Removing Soil.....		6 00
5.	W. Murray, New Cart.....		40 00
21.	Mulcahy & O'Toole.....		66 66
July 1.	A. Fordham, Leather.....		2 40
	E. R. Jost, Repairing Chairs.....		19 00
	Gas Light Co.....	122	00
	A. G. McDonald, Salary.....		75 00
	James Tatcher, Cleaning Hose.....		6 30
	J. Griffin and Arthur, Work.....		6 00
	Killeen and others do.....		12 00
	Forsyth & Sutcliffe, Oil.....		3 00
	Joseph Murphy.....		45 83
Aug. 1.	R. Baxter, Chairs, etc.....		21 90
	Mulcahy & O'Toole.....		66 66
	Joseph Murphy.....		45 83
19.	John Morrissey, Repairs, etc.....		63 10
21.	Mulcahy & O'Toole.....		66 68
	Halifax Gas Co.....		94 25
	W. B. Reynolds, Hardware.....	123	38
Sept 9.	W. Murray, Repairs.....		22 35
	H. B. Fidler, Repairing Hose, etc.....		47 82
	Joseph Murphy.....		45 83
	O'Brien & Shepherd.....	125	40
	John Hogan, Lumber.....		14 40
	McDonald & Co., Castings.....		55 06
	W. Findlay, Buckets, etc.....		1 20
	W. Flinn, Groceries.....		10 00
	George Rent, Base burrs.....		33 26
	M. Killeen, for Blinds.....		24 00
	Blackadar Bros., Advertizing.....		4 00
	W. Roach, for Coal.....	105	26
	T. Spelman, Iron Work.....		69 40
	Joseph Murphy.....		45 83

Sep. 21.	Mulcahy & O'Toole.....	\$ 66 66
	A. G. McDonald.....	75 00
24.	A. Lamphier, Repairs.....	4 50
	Mulcahy & O'Toole.....	66 66
	Ladder Company.....	37 50
Oct. 25.	W. Murray, Contingent.....	50 00
31.	Joseph Murphy.....	45 83
Nov. 1.	Alexander Moir, Repairs.....	5 00
30.	Joseph Murphy.....	45 83
	Mulcahy & O'Toole.....	66 66
Dec. 1.	Joseph Murphy, Labour.....	15 05
	Thomas Quirk.....	2 45
	O'Brien & Shepherd.....	47 55
	R. Butler, Ringing Bell.....	20 00
	W. Murray, Repairing Ladders.....	14 25
	George Saxton, Labour.....	2 70
	McDonald & Co., Brass Work.....	49 05
	Jas. Butler & Co., Oil.....	30 49
	do. 2nd Cask, same size.....	30 49
	Thomas Spelman, Iron Work.....	153 05
	Halifax Gas Co.....	44 75
	W. B. Reynolds & Co., Hardware.....	61 02
	Reily & Davidson, Stoves.....	27 75
	John Taylor, Iron Work.....	1 40
	R. Baxter, Furniture.....	13 40
	Mulcahy & O'Toole.....	66 66
1881.		
Jan. 1.	M. Flinn, Brooms, etc.....	6 42
	Joseph Murphy.....	45 83
	Ladder Co.....	37 50
	A. G. McDonald.....	75 00
	W. H. Brown.....	2 60
	T. O'Connor, Secretary.....	60 00
	Mulcahy & O'Toole.....	66 66
Feb. 1.	Joseph Murphy.....	45 83
	John Ead, Candles.....	2 10
Mar. 1.	Mulcahy & O'Toole.....	66 66
	Joseph Murphy.....	45 83
	John Ead, for Lanterns, Austen & Co.....	42 70
	W. N. Brown, Work.....	7 00
	John Ead, Rent and Candles.....	42 10
	Thomas Forhan, Ensign, etc.....	20 80
	H. B. Fidler, Repairing Hose.....	69 30
	H. Schaffer & Son, Badges.....	3 25
	John Hogan & Sons, Ladders.....	21 50

Mar. 1.	George Rent, jr., Lantern .....	\$ 1 00
	W. B. Reynolds, Hardware.....	33 95
	Wm. Roach, for Coal.....	308 88
	A. Stephen & Son, Chairs.....	33 25
	M. Kavanah, Ringing Bell.....	25 00
	Union Protection Co.....	400 00
	John Ead, Supplies.....	42 30
21.	Mulcahy & Toole.....	66 66
	Ladder Co.....	37 50
Apl. 1.	Joseph Murphy.....	45 83
30.	Blackadar Bros., Notices, etc.....	15 50
	Mulcahy & O'Toole.....	66 66
	A. G. McDonald.....	75 00
	Balance carried down.....	2227 49
		<u>\$ 8,462 36</u>

(Paid out, \$4,534.67.)

CR.

	By appropriation for 1880-81.....	\$6462 36
	Extra do. do.....	2000 00
		<u>\$ 8,462 36</u>

1881.

May 1.	By Balance brought down.....	\$ 2,227 49
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## THE COMMON AND PUBLIC GARDENS.

Statement of Expenditure from 1st May, 1880, to 30th April, 1881.

1880.		DR.	
May 1.	Paid Richard Power.....	\$	50 00
	For Labour.....		29 83
5.	John Umlah for Summer House.....		90 00
	H. Harris for Seeds.....		50 57
	For Labour.....		145 64
June 1.	D. Hoskins, Cab Hire.....		24 00
	Blackadar Bros., Cheque Book.....		5 00
	John Hogan & Sons, Lumber.....		22 63
	A. M. Bell, Hardware.....		4 72
	Labour.....		220 92
	Richard Power.....		50 00
June 16.	I. Sallis for Manure.....		32 80
	J. Connell for Manure.....		2 00

June 16.	Labour .....	\$ 208 70
	D. J. Leahy, Manure.....	6 80
	Edward Ormond, Manure.....	11 60
July 1.	Longard Bros., Lead Pipes.....	36 69
	Labour.....	224 84
	W. Cameron, Flooring Rink.....	36 00
	Jas. Dempster, Lumber.....	254 91
	Richard Power.....	50 00
9.	For Labour.....	219 88
22.	do. ....	240 07
	Hart & Murray, Lumber.....	16 06
Aug. 1.	Richard Power.....	50 00
	Labour.....	209 78
20.	do. ....	176 80
Sep. 18.	William Roche for Coal.....	11 00
	Richard Power.....	50 00
	Labour.....	151 77
	do. ....	156 72
	A. M. Bell, Hardware.....	59 45
	John Hogan & Sons, Lumber.....	69 41
30.	Hickey & Son, Blinds.....	4 90
	Labour.....	105 74
Oct. 1.	Richard Power .....	50 00
	Labour.....	167 43
28.	do. ....	89 45
31.	Richard Power.....	50 00
Nov. 11.	Labour.....	78 87
	E. Walsh, Painting, etc.....	9 00
	W. Flinn for Prisoners.....	12 66
	James Dempster & Co., Lumber.....	17 54
	John Davidson, Lumber.....	5 26
	George Fraser for Feed.....	1 00
	S. M. Brookfield, Earth, etc.....	76 02
	Longard Bros., Plumbing .....	20 32
	H. Harris for Trees.....	36 15
	John Kline, Granite.....	3 00
	J. E. M. Taylor, Painting, etc.....	176 06
	Theakston & Angwin, Lawn Mower...	19 50
	T. P. Connolly, Stationery.....	3 00
	D. Hoskins, Truckage.....	20 50
	Moir & Co., Feed.....	30 15
	W. Bateman, Repair of Tools.....	32 25
	Labour.....	52 53
	Richard Power.....	50 00
Dec. 1.	For Labour.....	52 17
	W. Brush, Fencing.....	58 11

Dec. 1.	J. & A. McFtridge, Iron Work.....	\$ 39 92
	Labour.....	42 92
1881.		
Jan. 1.	Labour.....	17 50
	R. Power.....	50 00
	Labour.....	17 04
	J. E. M. Taylor.....	58 07
31.	Richard Power.....	50 00
	Labour.....	24 80
Feb. 1.	A. M. Bell, Hardware.....	11 65
	W. T. Knight, Lawn Roots, etc.....	8 00
	George Fraser, Feed.....	15 00
	Longard Bros., Plumbing.....	38 71
	Labour.....	37 80
Mar. 1.	R. Power, Salary.....	50 00
	Labour.....	26 84
	W. Roche, for Coal.....	36 71
	Labour.....	28 84
31.	R. Power.....	50 00
	Labour.....	24 99
Apl. 12.	Paid for Rink Building.....	100 00
	Labour.....	25 28
	Insurance on Rink and Cottage.....	20 50
		<u>\$ 4964 57</u>

1880.

CR.

May 1.	By Balance, page 34.....	\$ 138 09
	Grass in Fields.....	275 50
	Rents, etc.....	497 70
	Proceeds Concerts.....	1795 25
	Appropriation.....	1500 00
	Interest on Special Deposit..	164 98
	do. do. do. do. do.	551 93
	Balance below.....	41 12
		<u>\$ 4964 57</u>

(Received for Rents, etc.,  
\$2,568.45.)

1881.

May 1.	To Balance brought down.....	\$41 12.
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## CAMP HILL CEMETERY.

Statement of Expenditure from 1st May, 1880, to 30th April, 1881.

1881.		DR.		
May 5.	Paid James Hutton, Labor.....	\$	16	40
29.	do. do. do. ....		14	50
June 16.	do. do. do. ....		25	00
July 3.	do. do. do. ....		26	00
Aug. 1.	do. do. do. ....		28	00
	do. do. do. ....		14	00
Sep. 9.	do. do. do. ....		17	00
Oct. 1.	Paid George Price, do. ....		13	00
	do. James Hutton do. ....		24	40
	do. W. Murray, Repairs of Tools.....		11	89
	do. John Taylor, do. ....			90
	do. Muirhead & Co., Pump .....		9	34
	do. A. M. Bell, Hardware .....		2	05
30.	do. Sanders & Barron, Clay .....		29	55
Nov. 28.	Labor.....		17	70
	Balance below .....		2442	24
	(Paid out, \$249.73)			
		\$	2,691	97

1880.		DR.		
May 1.	By Balance per Report, p. 58.	\$2280	51	
	Lots Sold .....	320	00	
	Interest on deposit .....	89	95	
	Over charge .....	1	51	
		\$	2,691	99

1881.				
May 1.	By Balance to Cr.....	\$	2442	24

## CONTINGENT ACCOUNT.

*Statement of Expenditure from 1st May, 1880, to 30th April, 1881.*

1880.	DR.	
May 1.	Paid Mrs. Thomas, for cleaning up.... \$	3 00
	Mrs. O'Connell, do .....	6 67
	Doull & Ross, Costs .....	5 30
31.	Mrs. O'Connell, cleaning .....	6 67
	Mrs. Thomas, do. ....	3 00
June 16.	J. R. Graham, Firing Salute .....	100 00
	McDonald & Rigby, Costs suit, Adams, etc .....	318 19
	Frank Ryan, for Copying .....	25 00
July 3.	Lithographing Debentures .....	19 00
	W. S. Hall, Stamping Paper .....	3 00
	Mrs. O'Connell, Cleaning .....	6 67
	Thos. Walsh, Medicines, etc .....	5 05
	John P. Mott, Soap .....	5 59
	D. McAlpine, Directories .....	8 00
	Mrs. Thomas, Cleaning .....	3 00
	Mrs. Connell, do .....	6 67
Aug. 1.	Warren Smith, Scull Race .....	23 36
	Policeman Ingles, Torn Coat .....	12 00
	Meagher and Chisholm, Costs .....	20 75
	Mrs. O'Connell, Cleaning .....	6 67
	Mrs. Thomas, do. ....	3 00
	Steamboat at Scull Race .....	18 00
Sep. 9.	Rifle Association .....	100 00
30.	Mrs. O'Connell, Cleaning .....	6 67
	Poll Clerks, 1st Oct., 1879 .....	15 00
	John P. Mott, Soap .....	6 05
	John Naylor, Polling Place .....	4 00
	Thomas Rhind, Extra Services .....	35 00
Oct. 1.	J. J. Scriven, Polling Place .....	4 00
	National School do. ....	4 00
2.	Mrs. Thomas, Cleaning .....	3 00
	Mrs. O'Connell, do. ....	6 67
	George Currie, Polling Place .....	5 00
	Mrs. Thomas .....	3 00
Nov. 9.	G. Mumford, Clerk .....	2 50
	Mrs. O'Connell, Cleaning .....	6 67
	Dispensary, per Resolution C. C. ....	150 00

1881.			
Jan. 1.	Balance of \$1095 paid Assessors per Resolution C. C. . . . .	\$	95 00
	Mrs. O'Connell . . . . .		6 67
28.	Mrs. Thomas and others, Cleaning . . . . .		3 00
Feb. 4.	do. do. do. . . . .		3 00
	Mrs. O'Connell, do. . . . .		6 67
	Mrs. Thomas, do. . . . .		3 00
11.	do. do. . . . .		3 00
	The Mayor, Delegation to Ottawa . . . . .		50 00
	R. H. Margeson, Polling Place . . . . .		5 00
	do. do. . . . .		5 00
	G. & T. Phillips, for Binding, etc. . . . .		18 65
	Mrs. Thomas, Cleaning . . . . .		3 00
	Mrs. O'Connell, do. . . . .		6 67
Mar. 1.	J. P. Mott, Soap . . . . .		6 09
	Mrs. O'Connell, Cleaning . . . . .		6 67
	Mrs. Thomas, do. . . . .		3 00
Apl. 11.	Daily Chronicle one year . . . . .		6 00
	Mrs. O'Connell, Cleaning . . . . .		6 67
	Brine & Kerr, for Copying Lists . . . . .		48 00
			<hr/>
		\$	1,245 24
	Balance carried down . . . . .		779 83
			<hr/>

\$ 2,025 07

(Amount paid out, \$993.55.)

1880.		CR.	
May 1.	By Balance per Report, p. 36. \$	868 18	
	Appropriation for 1880-81. . . . .	1156 89	
			<hr/>
			\$ 2,025 07
			<hr/>

1881.			
May 1.	By Balance . . . . .	\$	779 83



## PRINTING AND STATIONERY.

Statement of Expenditure from 1st May, 1880, to 30th April, 1881.

DR.

June. 1.	Paid Blackadar Bros. account per contract.....	\$ 156 59
	C. Annand, Advertising.....	26 63
16.	A. & W. McKinlay account per contract.....	78 82
	A. & W. McKinlay account per contract.....	101 02
Aug. 1.	Blackadar Bros.....	288 00
	A. & W. McKinlay.....	118 50
1881.		
Mar. 1.	A. & W. McKinlay.....	305 21
	Blackadar Bros.....	114 62
	do. ....	138 50
	Morning Herald.....	190 39
	do. ....	60 55
	Blackadar Bros.....	192 70
	G. & T. Phillips, Binding.....	18 65
	Balance carried below.....	260 06
	(Cash paid out, \$1,790.18.)	<u>\$ 2050 24</u>

1880.

CR.

May 1.	By Balance per Report	
	page 37.....	\$ 1531 59
	Appropriation.....	500 00
	Contingent account.....	18 65
		<u>\$ 2050 24</u>

1881.

May 1.	By Balance brought down.....	\$260 06
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## CITIZENS' LIBRARY.

Statement of Expenditure from 1st May, 1880, to 30th April, 1881.

1880.	Dr.		
May 1.	To Balance per Report page 39.....	\$	563 40
	Paid Insurance.....		45 00
5.	Miss Warren, Salary.....		62 50
	S. Creed, Salary.....		125 00
	W. F. Creed, Salary.....		33 84
	Mrs. Greer, Cleaning.....		15 00
	A. F. Salter, Coal.....		35 70
June 23.	Argyle Hall Rent.....		87 50
July 1.	T. P. Connolly, Stationery.....		3 25
	Mrs. Greer, Cleaning.....		15 00
	S. Creed, Salary.....		125 00
	Miss Warren, Salary.....		62 50
Sep. 10.	Mrs. Hayden, Cleaning.....		7 95
	James Hilton, Repairing Books.....		39 20
May 21.	Halifax Gas Co.....		24 50
Nov. 1.	S. Creed, Salary.....		125 00
	Miss Warren, Salary.....		62 50
	Mrs. Greer, Cleaning.....		15 00
Dec. 23.	James Hilton, Repairing Books.....		31 20
	Argyle Hall Rent.....		87 50
1881.			
Jan. 31.	Argyle Hall Rent.....		87 50
Feb. 1.	S. Creed, Salary.....		125 00
	Miss Warren, Salary.....		62 50
	Mrs. Greer, Cleaning.....		15 00
	C. C. Morton, Books.....		52 40
Mar. 1.	James Hilton, Repairing Books.....		32 00
	G. & T. Phillips, do.....		53 70
	Halifax Gas Co.....		17 50
	W. F. Cree, Repairs.....		14 56
	Reilly & Davidson, Repairs.....		9 26
	R. Chaplain for Frames.....		3 50
	Argyle Hall for Rent.....		87 50
April 1.	F. C. Stevens, Coal.....		65 13
	Insurance.....		37 50
	Paid Sundry Accounts.....		123 81
			\$ 2,353 40
(Paid out \$1,790.)			

## CR.

By Appropriation for 1880..	\$1200 00
Extra do.....	1000 00
Cheque overheld.....	123 81
Balance.....	29 59
	<u>\$ 2,353 40</u>

1881.	
May 1.	To Balance brought down..... \$29 59

## OIL LAMPS.

*Statement of Expenditure from 1st May, 1880, to 30th April, 1881.*

1880.	DR.	
May 1.	Paid John Egan.....	\$ 84 80
June 2.	do.....	119 00
July 3.	do.....	89 00
Aug. 1.	do.....	89 00
Sep. 1.	do.....	89 00
Oct. 1.	do.....	89 00
25.	do.....	96 00
Dec. 1.	do.....	90 00
1881.		
Jan. 1.	do.....	90 00
Feb. 1.	do.....	98 00
Mar. 1.	do.....	91 00
April 1.	do.....	91 00
	Balance below.....	73 52
	(Paid out \$1,115.)	<u>\$ 1,188 52</u>

1880.	CR.	
May 1.	By Balance per Report page 40..	\$588 52
	Appropriation.....	600 00
		<u>\$ 1,188 52</u>

1881.	
May 1.	By Balance brought down..... \$73 52

## SANITARY COMMITTEE.

Statement of Expenditure from 1st May, 1880, to 30th April, 1881.

1880.		DR.	
June 1.	Paid P. Hire for Groceries.....	\$	15 59
	Miss Merkle for Milk.....		11 90
	Thomas Walsh, Medicines.....		5 00
	Ald. Walsh & Dr. Moren, Expenses...		25 00
1881.			
Jan. 1.	S. Cunard & Co., Coal.....		45 50
Mar. 1.	M. Killeen, Truckage.....		5 20
	T. Walsh, Truckage.....		13 25
	Jane Stewart, Nurse.....		4 00
	A. Moren, Removing Patients.....		10 00
	Burns & Murray, Rubber Coat... ..		11 60
	John Gully, Truckage.....		2 80
April 8.	Paid for Lot in Cemetery.....		2 00
	R. Haley, Driving Van.....		12 00
	A. Kervill, Keeper.....		104 00
	Mrs. Conolly, Nurse.....		15 00
	Paid for Mattress.....		6 00
	Balance below.....		263 04
	(Paid out, \$288.84)	\$	551 88
1880.		CR.	
May 1.	By Balance.....	\$	251 88
	Appropriation.....		300 00
		\$	551 88
1881.			
May 1.	By Balance brought down.....	\$	263 04

### BOARD OF PUBLIC CHARITIES.

*Statement of Account with City from 1st May, 1880, to 30th April, 1881.*

1880.	DR.	
May 27.	To Cash paid Board .....	\$ 3,000 00
	Balance carried down .....	18,124 21
		\$21,124 41
1880.	CR.	
May 1.	By Balance per Report	
	page 40 .....	\$ 7,124 21
	Appropriation .....	14,000 00
		\$21,124 21
1881.		
May 1.	By Balance brought down .....	\$18,124 21

### PUBLIC SCHOOLS.

*Statement of Expenditure from 1st May, 1880, to 30th April, 1881.*

1880.	DR.	
June 5.	This Amount paid Commissioners ...	\$ 4,000 00
July 24.	do. do. . . . .	2,000 00
Aug. 16.	do. do. . . . .	10,000 00
Oct. 1.	do. do. . . . .	15,000 00
Nov. 1.	do. do. . . . .	5,000 00
26.	do. do. . . . .	5,000 00
Dec. 23.	do. do. . . . .	5,000 00
1881.		
Feb. 22.	do. do. . . . .	7,500 00
Mar. 4.	do. do. . . . .	5,000 00
April 1.	do. do. . . . .	6,000 00
	Balance carried down .....	42,633 63
	(Amount paid out, \$64,500.)	\$107,133 63
1880.	CR.	
May 1.	By Balance per Report	
	page 41 .....	\$47,133 63
31.	Appropriation .....	60,000 00
		\$107,133 63
1881.		
May 1.	By Balance .....	\$42,633 63

### COMMISSIONERS OF THE PARK.

Statement of Account with City from 1st May, 1880, to 30th April, 1881.

1880.		DR.		
May 1.	To Balance per Report page 42.....	\$	58 19	
Sep. 9.	Paid J. Duggan & Sons for Trees.....		45 50	
Oct. 26.	Paid John Taylor, Repairing Tools....		21 91	
Dec. 1.	Paid S. Vennor, Wages.....		26 00	
1881.				
Jan. 1.	Paid S. Vennor, Wages.....		27 00	
Feb. 1.	To order of Chairman.....		379 44	
	Paid S. Vennor, Wages.....		26 00	
Mar. 1.	do. do. ....		24 00	
21.	do. do. ....		27 00	
	(Paid out, \$576.85.)	\$	635 04	
1880.		CR.		
	By Appropriation.....	\$600	00	
	Balance below.....	36	04	
		\$	635 04	
1881.				
May 1.	By Balance brought down.....	\$35	04	

### THE COUNTY OF HALIFAX.

Statement of Account with City from May, 1880, to 30th April, 1881.

1880.		DR.		
May 26.	To Cash paid County Treasurer.....	\$	5,000 00	
Nov. 26.	do. do. ....		5,000 00	
	Balance below.....		28,723 50	
			\$38,733 50	
1880.		CR.		
May 1.	By Balance per Report page 42.....	\$20,433	50	
	Appropriation for 1880....	18,300	00	
		\$38,733	50	
1881.				
May 1.	By Balance brought down.....	\$28,733	50	

### THE HALIFAX DISPENSARY.

*Statement of Account with City from 1st May, 1880, to 30th April, 1881.*

1881.	DR.		
Mar. 1.	To this Amount paid J. F. Kenny.....	\$	750 00
	Balance below.....		600 00
			<u>\$ 1,350 00</u>
1880.	CR.		
May 1.	By Balance per Report		
	page 43.....	\$	600 00
	Appropriation.....		600 00
	Extra do.....		150 00
			<u>\$ 1,350 00</u>
1881.			
May 1.	By Balance brought down.....	\$	600 00

### BOARD OF CITY WORKS.

*Statement of Account with City from 1st May, 1880, to 30th April, 1881.*

1880.	DR.		
Sep. 17.	To this Amount paid Commissioners..	\$	1,000 00
	CR.		
	By Appropriation per Estimate		
	page 158.....	\$	<u>1,000 00</u>

### INFANTS' HOME.

*Statement of Account from 1st May, 1880, to 30th April, 1881.*

1880.	DR.	
Sep. 30.	To this Amount paid Secretary .....	\$ 100 00
1881.		
Mar. 1.	To this Amount paid Secretary .....	100 00
		\$ 200 00
	CR.	
	By Appropriation per Estimate page	
	157 .....	\$ 200 00

### INDUSTRIAL SCHOOL.

*Statement of Account with City from 1st May, 1880, to 30th April, 1881.*

1880.	DR.	
May 1.	To paid J. S. McLean .....	\$ 480 00
1881.		
Mar. 1.	To paid E. D. Meynell ....	125 00
		\$ 605 00
1880.	CR.	
May 1.	By Balance per Report page 43...	\$408 67
	Appropriation .....	196 33
		\$605 00



### EXHIBITIONS.

*Statement of Amount paid Commissioners from 1st May, 1880, to 30th April, 1881.*

1880.	DR.	
Sep. 30.	To this Amount paid Commissioners...	\$ 400 00
	do. do. ...	1,000 00
Nov. 11.	do. do. ...	1,300 00
	M. E. Keefe on Building Account.....	150 00
		<u>\$2,850 00</u>

### REVISORS OF ELECTORAL LISTS.

*Statement of Amount paid Revisors from 1st May, 1880, to 30th April, 1881.*

1881.	DR.	
April 6.	To this Amount paid Ald. Trenaman...	\$200 00
	CR.	
	By Appropriation per Estimate page 156..	<u>\$200 00</u>

## DISBURSEMENTS IN POLICE OFFICE.

*Statement of Expenditure from 1st May, 1880, to 30th April, 1881.*

1880.

May	1.	Paid W. Baker for Meals to Prisoners...	\$ 13 12
		Sundry small bills in Police Office, etc...	24 14
	26.	W. Baker for Meals .. . . . . .	14 50
June	1.	Expenses Police Office .. . . . . .	13 72
July	3.	do. do. . . . . . .	16 15
		W. Baker, Meals .. . . . . .	14 25
Aug.	1.	do. do. . . . . . .	21 75
		Expenses Police Office .. . . . . .	27 55
Sept.	1.	W. Baker, Meals .. . . . . .	23 50
	6.	T. Rhind, Expenses Office .. . . . . .	35 70
Oct.	1.	W. Baker, Meals .. . . . . .	15 50
	20.	Expenses Police Office .. . . . . .	12 99
	30.	W. Baker, Meals .. . . . . .	19 75
		Expenses Police Office .. . . . . .	12 17
Dec.	1.	A. Hodgson, half fine .. . . . . .	10 00
		W. Baker, Meals .. . . . . .	16 62
		T. Rhind, cab hire, returned fines, etc...	21 63

1881.

Jan.	1.	W. Baker, Meals .. . . . . .	13 25
		T. Rhind, Expenses of Office .. . . . . .	13 71
Feb.	1.	W. Baker, Meals .. . . . . .	17 50
		T. Rhind, Expenses of Office .. . . . . .	9 00
Mar.	1.	C. & W. Anderson and others .. . . . . .	9 96
		W. Baker for Meals .. . . . . .	12 50
		T. Rhind, Expenses of Office .. . . . . .	18 27
		John Naylor, half fines .. . . . . .	18 50
		W. Baker for Meals .. . . . . .	17 00

\$442 73.

## INCOME FROM LICENSES, RENTS, FINES, &amp;c., &amp;c.

Statement of Income estimated and Receipts from 1st May,  
1880, to 30th April, 1881.

1880.

DR.

To this amount estimated for Auction and Liquor Licenses per Report, p. 158 .....	\$ 9000 00
Estimate for Cab and Truck Licenses.	1000 00
Do. Fines and Fees, Police Court, etc. ....	6000 00
Estimate for City Marshal .....	1000 00
Do. Detective .....	200 00
Rents City Bropery .....	3500 00
do. Exhibition Building .....	1350 00
do. Dog Tax .....	700 00
Disbursements, Police Office .....	453 73
	<u>\$23,203 73</u>

1880.

Cr.

May 1. By balance per Report, p. 50..\$	406 58
Receipts from Liquors and Auction Licenses .....	10682 50
Receipts from Cab and Truck Licenses .....	927 00
Fees City Marshal .....	941 36
Sweeps' Licenses .....	32 00
Brokers' do. ....	100 00
Exhibitions .....	252 00
Dog Tax .....	453 00
City Seals ..	28 00
Fines, Police Court .....	3732 00
do. do. ....	594 82
Fines, City Court .....	703 20
Judgment Fees .....	467 25
Detective Fees .....	10 00
Rents of Premises .....	3518 59
Rent of Exhibition Building	150 00
Balance .....	205 43
	<u>\$23,203 73</u>

1881.

May 1. To Balance brought down .....	\$ 205 43
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### RATES AND TAXES.

*Statement of City, County and School Rates collected in year ending 30th April, 1881.*

City Rates for year 1876-7	.....	\$	80	79
School do.	do.	.....	40	83
County do.	do.	.....	16	33
City do.	1877-8	.....	233	57
School do.	do.	.....	81	29
County do.	do.	.....	36	32
City do.	1878-9	.....	1,677	32
School do.	do.	.....	791	76
County do.	do.	.....	240	18
City do.	1879-80	.....	13,331	14
School do.	do.	.....	6,506	94
County do.	do.	.....	1,769	93
City do.	1880-81	.....	94,992	91
School do.	do.	.....	52,373	01
County do.	do.	.....	14,281	23

\$186,544 55

### TAXES UNCOLLECTED.

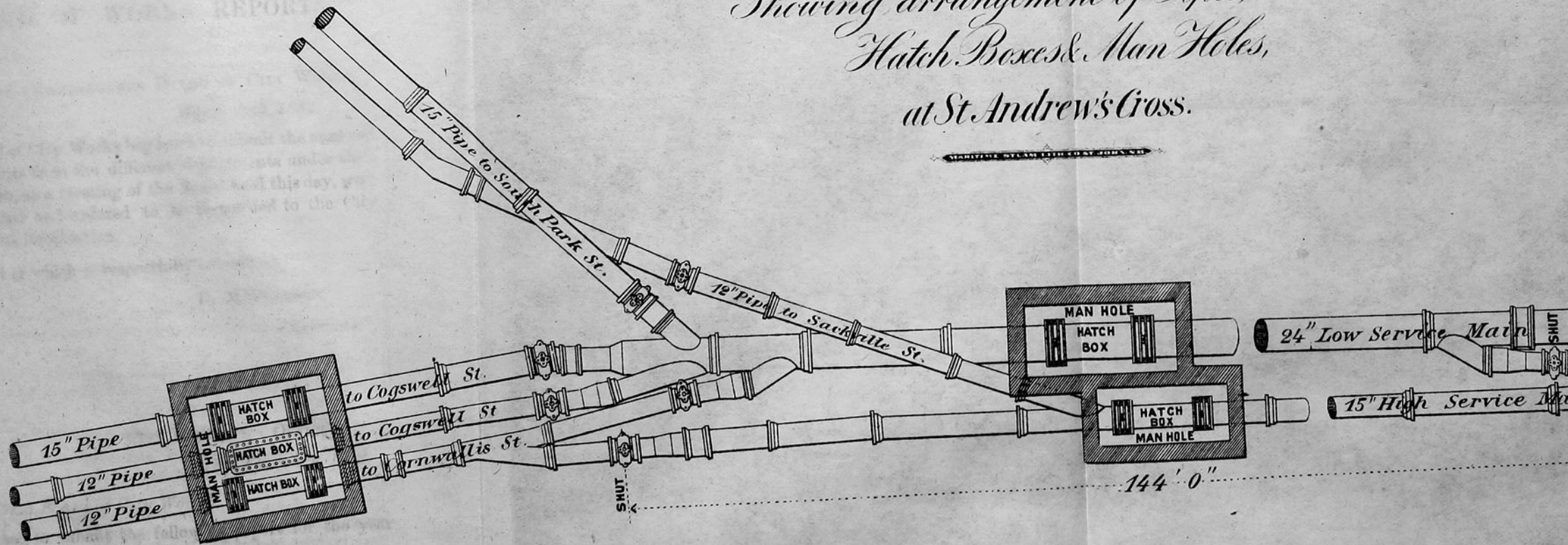
*Memo. of City, School and County Rates remaining uncollected on 30th April, 1881, after allowing amounts voted for short collection.*

1878-9.	City, County and School Rates	
	for 1878-9	\$27,674 85
	City, County and School Rates	
	for 1879-80	30,927 96
	City, County and School Rates	
	for 1880-81	37,593 07
		<u>\$96,195 88</u>

*BOARD OF WORKS REPORT.*

# Halifax Water Works, Plan

Showing arrangement of Pipes, Valves,  
Hatch Boxes & Man Holes,  
at St. Andrew's Cross.



Natural Scale  $\frac{1}{96}$

## BOARD OF WORKS REPORT.

OFFICE OF COMMISSIONERS BOARD OF CITY WORKS.

*March 20th, 1882.*

The Board of City Works beg leave to submit the annexed Annual Reports from the different departments under their control, which, at a meeting of the Board held this day, were duly submitted and ordered to be forwarded to the City Council for its information.

All of which is respectfully submitted.

D. MCPHERSON,

*Chairman.*

CITY ENGINEER'S OFFICE,

*28th February, 1882.*

*The Chairman Board of City Works:*

SIR,—I beg to submit the following report for the year ending 31st December, 1881:

### WATER WORKS.

Owing to the measurements to many of the service stop-cocks (of which there are about 4,400) being erroneous or imperfectly recorded, it has been found that the men lose a great deal of time in searching for them whenever required to turn the water off or on at private premises which is a constant occupation. Damage is sometimes done to the streets from the same cause and during the winter months when there is any depth of snow or ice upon the ground, the

waste of time and the difficulty experienced in finding some of these valves is frequently very great.

To obviate this orders were given early in the year for a thorough examination and readjustment of all the measurements, but owing to frequent interruptions the work is not yet completed.

The most important work undertaken in the department during the year was the removal of the incrustation in the High and Low Service Mains.

It was stated in the Annual Report for last year that on the inside of all the old water pipes there exists a heavy incrustation of oxide of iron, the effect of which is to greatly diminish the quantity of water delivered into the city and the pressure.

As a result of the experiments tried in 1880 in removing this substance from the 12 inch distribution mains in Cogswell and Brunswick Streets, it was recommended to scrape out by means of self acting mechanical machines the mains leading into the city and all the principal distribution pipes.

Acting on this recommendation the Board authorized the work to be proceeded with, and early in the season drawings and specifications were prepared for scraping machines and hatch-boxes for pipes varying in size from 24 inches to 6 inches, and contracts for their construction were given to local firms of Machinists and Iron Founders.

The total cost of these appliances was \$1,198.06.

As it was necessary when operating on the main pipe lines that the city should not be deprived of water for more than ten or twelve hours at any one time, and that in case of fire there should be means of obtaining a supply at comparatively short notice, the operations involved some degree of forethought and were attended with a little anxiety, not only on account of the risk of the machines becoming obstructed at any moment in their passage through the pipes and their position perhaps unknown, but also on account of breakage or serious damage to the mains in case of a scraper suddenly coming to a stoppage while being propelled under high pressure, or while travelling at a high rate of speed which could not always be prevented.

The speed at which the scrapers travelled varied under different circumstances from quarter of a mile in one hour to one mile in ten minutes.



In order to ensure as far as practicable a sufficient pressure in the mains to drive the scraping machines through without unnecessary loss of time, a connection by means of a 15 inch pipe was made between the High and Low Service Mains at the lower Chain Lake pipe house, and a Pumping Engine was hired and sent out to Spruce Hill Lake, where the proper attachments were made so that the pressure could be increased by that means in case of need.

Fortunately it proved unnecessary to avail ourselves of either of these precautions during any part of the operations, as the normal pressure of the water under gravity both in the High and Low Service Mains, was sufficient to propel the scrapers without aid from any other quarter.

There were only three accidents of any moment caused by these operations, viz:—

1st. A burst in the High Service Main at Upper Chain Lake.

2nd. The 15 inch scraper stuck fast in the main near the head of the Arm and had to be cut out. The cause of the stoppage was found to be a large piece of lead which had been run into the pipe through a defective joint.

3rd. Two lengths of pipe on the 15 inch main were fractured at St. Andrew's Cross and had to be replaced.

The least distance between the hatch-boxes or openings in the mains for inserting and extracting the scrapers was 3,200 feet, and the greatest was 16,100, or over 3 miles. The greatest distance travelled by one scraper in one run, was 29,500 feet, or over 5½ miles, and this length was travelled by the machine in just two hours.

"Man-holes" of stone masonry and brick work have been built at all the hatch-boxes so that the scraping machines can readily be inserted and driven through the pipes as often as may be desired at any future time at very trifling expense.

The following is a list of all the pipes which have been cleaned by the use of mechanical scrapers driven by water pressure alone, with an account of the expense inclusive of the cost of the machines, repairs, hatch-boxes, man-holes, and all other charges direct and incidental:

No.	LOCALITY.	Diameter of pipe.	Length cleaned.	Total cost.	Average cost per lineal foot.	When cleaned.	REMARKS.
		In.	Feet.	\$	Cents.		
1	Low Service Main.....	24	13,400	592 61	4.42	1881	
2	High Service Main.....	20	6,000	326 23	5.437	1881	
3	" " " " " " " " " " " "	15	29,500	493 78	1.674	1881	
4	{ Cogswell St. pipe from St. Andrew's Cross to Brunswick Street. }	15	3,200	166 50	5.203	1881	
5	{ Cogswell St. pipe from St. Andrew's Cross to Brunswick Street. }	12	3,200	230 00	7.190	1880	No man-holes built.
6	Same as No. 5.....			111 45	3.483	1881	Recleaning including cost of man-hole and 1 new hatch-box.
7	{ Brunswick Street pipe from Cogswell Street to North Street. }	12	3,800	224 00	5.894	1880	No man-holes built.
8	Same as No. 7.....			163 81	4.311	1881	Recleaning including cost of man-holes and 1 new hatch-box.
9	{ Cornwallis Street pipe from St. Andrew's cross to Water Street. }	12	3,700	182 26	4.926	1881	
10	{ Gottingen Street pipe from Cogswell Street northwardly. }	6	295	286 83	97.23	1881	Discontinued before completion.
Totals.....			63,095	2777 47	4.402		

The above Schedule as will be seen includes the work done in 1880. If we deduct this, and also No. 10 from the list (which is work not yet completed,) the difference shows that during the past season the total length of main pipe cleaned was 55,800 lineal feet, or over 10 miles, the total cost of which, including all charges, was \$1,761.30, or 3.156 cents per foot, as against 6½ cents per foot for similar work done in the previous year.

The effect of these operations has been most marked on the whole water supply throughout the city. At different points where the pressure was formerly so poor that the water would scarcely flow from the nozzles of the hydrants, there is now tolerably good force, and where—throughout the winter months—there used to be hundreds of complaints of "short supply" there has not, since the corrosion was removed from the mains, been a single complaint.

The beneficial results will be most clearly seen by comparing the pressures taken at the fire hydrants within the past few years, with the pressures taken after the scrapers were passed through the mains, and almost any point in the city may be selected indiscriminately for this purpose.

The following examples are given as they show the direct result at some well known points, and some of the localities which were previously almost deprived of water.

The figures represent the minimum winter pressures. The ordinary pressure, especially during the summer months, is—of course—considerably greater than given in this table:

*Minimum Winter Pressures at some of the Fire Hydrants.*

LOCALITY.		Lowest Pressure in Winter of 1876.	Lowest Pressure in Winter of 1878.	Lowest Pressure in Winter of 1880.	Lowest Pressure this Winter to date after scraping out the mains.
INTERSECTION OF		LBS.	LBS.	LBS.	LBS.
Agricola Street and	North Street.....	10	5	5	30
" "	Almon Street.....	12	9	10	34
Almon Street	Kempt Road.....	..	..	8	34
Bilby Street	Gottingen Street.....	20	13	15	40
Brunswick Street and	Prince Street.....	2	0	5	13
" "	Jacob Street.....	10	10	12	27
" "	North Street.....	7	0	0	12
Cogswell "	Gottingen Street.....	10	0	5	19
Dresden Row	Artillery Place.....	35	40	35	60
Duke Street	Barrington Street.....	25	25	23	39
Gerrish Street	Brunswick.....	23	10	19	72
Grafton Street	Blowers Street.....	0	2	0	15
" "	George Street.....	6	6	4	20
Prince "	Argyle Street.....	9	10	6	23
Quinpool Road	Robie Street.....	31	27	24	52
Water Street	Fawson Street.....	25	30	23	38
Water "	North Street.....	40	27	18	46
Moren's Wharf.....	.....	37	40	33	50
Queen's "	.....	41	45	36	55
Cronan's "	.....	55	42	32	58
West's "	.....	50	35	30	56

From an inspection of the above list it will be seen that the capacity of the water works, which has been annually decreasing at a rapid rate, is now, owing to the removal of the incrustation in the mains, greater than it has been for a number of years back, although the distribution and the consumption is yearly increasing.

As the publication of these pressures may lead to misapprehension on the part of persons interested in the Fire Department, it is, perhaps, as well that I should mention that the water can be concentrated on almost any part of the city, and the pressure very greatly increased in case of need. There are men on the works who are specially instructed, and whose duty it is to attend to this matter (as they have been in the habit of doing), immediately on an alarm of fire being sounded. Until the enormous waste of