

June 1.	Paid Mulcahy, O'Toole and Condon, Engine men.....	\$ 133 33
	J. T. Murphy, Salary.....	47 50
	Mrs. Quirk, ".....	8 33
	Geo. Saxton, ".....	8 33
	Mrs. Geo. King, ".....	8 33
	John Hennessy, ".....	8 33
	A. G. McDonald, ".....	58 33
	McCarthy and Hyland, Work at Fire.....	2 50
	No. 2 Vesta Division, for Rent.....	25 00
	Thos. Lowry, Work at Fire.....	2 63
July 12.	S. Cunard & Co., Rent of Reel House.....	25 00
	M. Griffin, Cab hire.....	4 00
	Mrs. King, 1 month.....	8 33
	Geo. Saxton, ".....	8 33
	John Hennessy, ".....	8 33
	Mrs. T. Quirk, ".....	8 33
	J. T. Murphy, ".....	50 00
	Mulcahy, O'Toole and Condon.....	133 33
	Mrs. Butler, cleaning.....	13 50
	A. G. McDonald, 1 month.....	58 33
	J. Byers and others, Work at Fire.....	11 25
	T. Flemming, Painting Poles.....	44 25
	Forsyth & Sutcliffe, Blue Stone.....	47 85
	Austen Bros., Hose Straps.....	19 15
	M. Shephard, Repairing of Fire Alarm.....	6 50
	Illuminating & Motor Co., lighting Engine Houses.....	24 51
	A. Stephen & Son, L. ttering, &c.....	48 80
	M. J. O'Brien, Repairing Reels.....	12 50
	H. H. Fuller & Co., for Hose.....	97 75
	Cragg Bros. & Co., Hardware.....	10 25
	S. Cunard & Co., for Coal.....	38 15
	T. Toomey, for Rent Stable.....	52 00
	Robt. Boak, Rent Reel House.....	25 00
	Thos. Reardon, Paper Hangings.....	13 03
	N. S. Telephone Co., 6 months.....	105 00
	Byers and Cleas, Work at Fire.....	4 00
	Thos. Robinson, Cab Hire.....	1 50
Aug. 9.	Industrial School, for Kindling.....	3 60
	W. & A. Moir, for Patterns.....	35 42
	A. G. McDonald, Salary.....	58 33
	J. T. Murphy, ".....	50 00
	Mulcahy, O'Toole and Condon.....	133 33
	Mrs. King, 1 month.....	8 33
	George Saxton, 1 month.....	8 33
	John Hennessy, ".....	8 33
	Mrs. T. Quirk, ".....	8 33
	Isaac Byers, White washing.....	30 00
	Victoria Division, Rent.....	25 00
	Hyland and Cleas, Work at Fire.....	6 50
	Halifax Gas Co., Lighting Engine Houses.....	91 80
	Vesta Division, Rent.....	25 00
29.	Toronto Rubber Co., for Hose.....	149 50
	W. N. Brown, Repairing Carts.....	19 00
	S. Cunard & Co., Coal.....	6 25
	R. Martin & Co., for Straps.....	6 00

Aug. 29.	Paid J. Starr & Son, for Insulators .....	\$	5 43
	John Cleas, Work at Fire.....		3 38
	C. F. Mott, for Soap.....		3 75
	R. O'Brien, Horse Hire .....		8 00
Sept. 1.	J. T. Murphy, Salary .....		50 00
	Mrs. Geo. King, " .....		8 33
	A. G. McDonald, " .....		58 33
	Mulcahy, O'Toole and Condon .....		133 33
	George Saxton, 1 month.....		8 33
	John Hennessy, " .....		8 38
	Mrs. T. Quirk, " .....		8 33
	Thos. Robinson, Hire of Waggon.....		10 00
	W. Murphy, Covering Hose .....		36 50
	Ryan Bros., Work at Fire.....		2 25
	Theaks'on & Co, Printing, &c. ....		13 50
	E Walsh, Work at Fire.....		5 62
	Farquhar Bros., Work at Drains, &c.....		7 00
	McDonald & Co., Brass Work, &c.....		49 72
Oct. 26.	A. G. McDonald, Salary .....		58 33
	J. T. Murphy, " .....		50 00
	Mrs. Geo King, " .....		8 33
	Geo. Saxton, " .....		8 33
	John Hennessy, " .....		8 33
	Mrs. T. Quirk, " .....		8 33
	Mulcahy, O'Tool and Condon .....		133 33
	Walsh and Cleas, Work at Fire.....		2 50
	John Murray, Kindling .....		1 00
	E. Power and others, Work at Fire.....		6 25
	C. Sweeney, Cab Hire.....		5 00
	Jno. Bayers and others, Work at Fire.....		11 37
	H. Trenaman, Secretary, 6 months.....		30 00
	A. McDonald, Inspecting Engine.....		20 00
	Thos. Reardon, Glazing .....		1 40
	Cunard & Co., for Coal .....		6 50
	Bentley & Fleming, Flag Staff.....		27 00
	Union Axe Co., for April.....		37 50
	" " July .....		37 50
	S. Cunard & Co., for Coal .....		6 75
	Jas. McLearn & Son, Freight and Carriage.....		2 00
	A. J. Graves, Work at Reels .....		51 00
	" " Repairing Reels .....		10 00
	W. McFtridge, Splicing Ropes.....		4 50
	Black Bros. for Rope .....		4 01
	Bentley and Fleming, Ladders.....		30 50
	Theakston & Co., Printing Warrants, &c.....		47 00
	Walsh and others work Anderson's Fire .....		3 00
Nov. 1.	E. E. Rogers, Refreshments, Fire Wardens.....		11 00
	A. G. McDonald, Salary .....		58 33
	J. T. Murphy, " .....		50 00
	Mrs. Geo King, " .....		8 33
	Mrs. T. Quirk, " .....		8 33
	Geo. Saxton, " .....		8 33
	John Hennessy, " .....		8 33
	Mulcahy, O'Toole and Condon .....		133 33
15.	Halifax Gas Co. for lighting Engine House.....		116 20

Nov. 15.	Paid David Irons, Fire Ladders	\$ 18 75
	No. 2 Division Room Rent	25 00
	Byers and Sullivan work at Fire	4 25
Dec. 1.	Mulcahy, O'Toole and Condon	133 33
	A. G. McDonald, Salary	58 33
	J. T. Murphy,	50 00
	John Hennessy, "	8 33
	Geo. Saxton, "	8 33
	Mrs. T. Quirk, "	8 33
	Mrs. G. King	8 33
	Ill. & Motor Co., lighting E. House, Quinpool Road	32 68
	No. 1 Division Room Rent	25 00
	Cragg Bros. & Co., Hardware	20 05
	Canadian Electric Co. for Wire	12 75
	R. Martin & Co., Coupling Straps	4 50
	Power & Co., Repairing Gong	11 00
	N. S. Telephone Co., Rent of Telephones	105 00
	DeWolfe Son & Co. Repairing Reels, &c.	70 57
	W. Evans, use of pumps for testing Hose.	46 50
	E. Shiers, clearing up Queens Wharf	5 00
	Cragg Bros., Balance of Account	90
	Austen Bros., Machine Oil, &c.	40 86
1893.		
Jan. 31.	J. H. Merrick, Damage at Moir's Fire	12 00
	Mulcahy, O'Toole and Condon	133 33
	A. G. McDonald, Salary	58 33
	J. T. Murphy,	50 00
	Mrs. I. Quirk, "	8 33
	Mrs. Geo. King, "	8 33
	John Hennessy, "	8 33
	Geo. Saxton, "	8 33
	No. 4 Division, work at Richmond Fire	36 00
	" " "	13 50
	No. 1 Steamer " "	35 50
	No. 4 Division, paid J. Johnson	24 00
	No. 2 " J Myers	18 00
	Insurance on Laddler House	22 50
	John Byers, work at Fire Tower Road	1 25
	E. Power work, at Fire at Refinery	12 50
	Robt. Motton, services suit Moir vs City	60 00
	E. Power and others work at Fire	33 37
	Monaghan and Broderick	3 75
	W. J. Horton, Lumber and Work	199 65
	Bulger and others, work at Fire	28 25
	Cragg Bros., Stove Pipe	2 80
	Farquhar Bros., Plumbing, &c.	102 98
	Hennigan and others, Doyle's Fire	6 00
	C. Annand, advertising Tenders	24 24
	Union Axe Co. for October and January Quarters	75 00
	Mrs. Ainsley, Cab Hire	2 00
	Austen Bros., Oil and Paste	57 91
	Halifax Gas Co., Spirits for Meter	3 00
Feb. 27.	A. Lamphier, May '91 to May '93, Rent	180 00
	J. E. M. Taylor, Painting Alarm Boxes	40 00
	Mrs. Shaw, Meals to Firemen	5 00

CITY AUDITOR'S REPORT.

Feb. 27.	Paid J. T. Murphy, Saxton, and others .....	\$ 83 32
	Union Axe Co. appropriation for year .....	200 00
	Union Engine Co .....	600 00
	Union Protection Co .....	600 00
	Mulcahy, O'Toole and Condon .....	133 33
	A. G. McDonald, Salary .....	58 33
	C. McSweeney, Cab Hire .....	2 00
	No. 2 Division, Rent .....	25 00
16.	J. E. M. Taylor, Glazing .....	58 50
25.	Gas Co., Lighting Engine Houses .....	236 00
	Horn and Byers, work at Fire .....	2 50
	William Roche, for Coal .....	674 60
	A. & W. MacKinlay, Stationery .....	3 96
	D. C. Dawson, for Zinc .....	43 40
	Jas. Shand, for Extinguisher .....	10 00
	Forsyth & Sutcliffe, Blue Stone .....	46 20
	A. J. McNutt, Repairing Engine .....	4 00
	R. Martin & Co., Leather Straps .....	11 50
	H. H. Fuller for Rope .....	4 63
	T. W. Bateman, Catch Locks .....	99 30
Mar. 3.	A. G. McDonald .....	58 33
	J. T. Murphy and others .....	83 32
	Byers and others, work at Fire .....	4 88
	Mulcahy, O'Toole and Condon .....	166 65
	W. B. Fidler and H. Griffin .....	6 01
10.	W. B. MacCoy, Copying Report .....	13 50
14.	T. W. Bateman, repair of Locks .....	6 25
	J. E. Wilson, Shovel and Grate .....	2 10
	W. & A. Moir, Repairing Engines .....	59 86
	J. E. M. Taylor, Painting, &c .....	121 65
	M. J. O'Brien, Repairing Hose Reels, &c .....	7 50
	Stone and Byers, work at Fire .....	8 50
	Industrial School Kindling .....	43 15
Apl. 1.	J. T. Murphy and others .....	299 97
	A. G. McDonald, Salary .....	58 33
27.	J. Sullivan and others, Work at Fire .....	4 63
	J. T. Murphy, Work at Fire Alarm .....	22 54
	J. T. Murphy, " " .....	7 25
	No. 1 Division, for Rent .....	25 00
	Sullivan and Maltis, work at Fire .....	5 50
	" McCarthy " .....	3 75
		<u>\$ 9291 39</u>

**HORSES AND DRIVERS, FIRE DEPARTMENT.**

*Statement of Expenditure for Horses, &c., Fire Department, from  
1st May, 1892, to 30th April, 1893.*

1892.		
May 3.	Paid Men's Wages .....	\$ 160 00
	J. Loughhead, Hay and Straw .....	97 55
	D. McLeod, Shoeing .....	14 19
		<u>\$ 271 74</u>

## CITY AUDITOR'S REPORT.

May 19.	Paid Men's Wages and small bills	\$ 196 56	
June 1.	" and A. Gunn's bill for Hay	268 96	
27.	" and Cashen for Hay	288 82	
	2 weeks	\$ 170 00	
	Bills for Shoeing	20 14	
July 11.	Men's Wages	\$ 170 00	190 14
	H. H. Fuller & Co.'s account	3 90	
25.	Men's Wages	\$ 170 00	173 90
	W. O'Brien for Hay	99 49	
	Jordan and others, Shoeing	70 91	
Aug. 8.	Men's Wages, 2 weeks		340 40
	Mrs. Adams, for 1 horse		170 00
19.	W. E. Hyde for Oats	\$ 293 82	150 00
	W. Jordan and others, Shoeing	10 84	
	D. King & Co., Ventilators	24 00	
22.	Men's Wages, 2 weeks		328 66
Sept. 5.	"		170 00
Oct. 8.	John Horn, for 1 horse		170 00
	Mrs. Adams, account	\$ 64 50	141 20
	J. S. Cashen	20 84	
	N. A. Croucher	30 17	
	Jordan and McLeod, Shoeing	19 05	
	Other small bills	12 70	
	D. McLeod	13 92	
	J. A. Chipman and others, Feed		161 18
19.	Men's Wages, 2 weeks		184 40
Oct. 5.	John Horn, for 1 horse	\$ 141 20	170 00
	D. McLeod	13 47	
	W. McFtridge	8 00	
	W. Jordan	7 35	
	Men's Wages, 2 weeks		170 02
	"		170 00
Nov. 2.	Martin & Co., Harness Work		176 00
14.	Men's Wages, 2 weeks		22 25
15.	G. P. Henry, for Hay		170 00
25.	Daniel Bell, for horse		32 56
28.	Men's Wages, 2 weeks		110 00
Dec. 8.	W. B. McDonald, Hay and Hauling		170 00
12.	Men's Pay, 2 weeks		147 66
Oct. 31.	" omitted		170 00
Dec. 26.	" 2 weeks		181 61
1893.			170 00
Jan. 3.	J. A. Chipman & Co., for Oats		126 00
9.	Men's Wages, 2 weeks		170 00
23.	" and extra work		224 00
26.	D. McLeod and other accounts		112 69
31.	J. A. Chipman & Co., Fodder		409 77
Feb. 2.	D. R. Pugsley, Hay and Freight		155 31
6.	Wages of Men, 2 weeks		177 80

Feb. 15.	Paid McLeod and Jordan, Shoeing.....	\$	18 50
20.	Wages of Men, 2 weeks.....		170 00
Mar. 4.	J. L. Carten, Hay and Straw, &c.....		154 77
6.	Men's Wages, 2 weeks.....		181 07
8.	J. A. Chipman & Co., Feed.....		337 94
20.	Men's Wages, &c., 2 weeks.....		191 00
29.	J. A. Chipman & Co. for Oats.....		86 81
Apr. 3.	Wages of Men, 2 weeks.....		186 00
17.	"		214 08
26.	McLeod and Jordan, Shoeing.....	\$	20 30
	R. Martin & Co., Repairing Harness, &c.....		118 35
	J. A. Chipman & Co., Hay, &c.....		167 56
			<u>306 21</u>
		\$	<u>8288 01</u>

## ROCKHEAD PRISON.

*Statement of Expenditure at Rockhead Prison from 1st May, 1892,  
to 30th April, 1893.*

1892.	6.	Paid A. N. Whitman, for Oats.....	\$	53 75
June 1.		Pay Sheet for May.....		294 00
	7.	John Hogan & Sons, for Lime.....		1 25
		Wm. Parsons, Cab Hire.....		6 00
		John Hogan & Sons, Lime.....		2 50
		J. E. Wilson, Stove Fittings.....		2 25
		A. M. Bell, Hardware.....		2 73
		Nisbet & Drake, Corn Meal.....		70 32
		G. P. Henry, Oxheads.....		18 00
July 1.		Pay Sheet for June.....		294 00
		Wm. Robertson, Hardware.....		8 47
		Barnstead & Sutherland, Dry Goods.....		6 87
		T. Major & Sons, Corn Meal.....		42 50
		John Carnell, Axle Trees.....		5 50
		G. P. Henry, Oxheads.....		19 50
		Wm Parsons, Cab Hire.....		3 00
Aug. 1.		Pay Sheet for July.....		294 00
	6.	A. Drysdale, Cab Hire.....		4 50
		J. O'Connell, horseshoeing.....		13 70
		George Rent, Grates and Fittings.....		9 46
		J. J. Richards, Corn Meal, &c.....		42 10
		H. H. Fuller & Co., Hardware.....		5 79
		M. Scanlon, Grey Cottons, &c.....		7 26
		Brookfield Bros., Lumber.....		3 47
		John Hogan & Sons, Lime.....		5 00
		G. P. Henry, Oxheads.....		19 50
		J. E. Marr, Clothing for Keepers.....		63 75
Sept. 1.		Pay Sheet for August.....		294 00
		Wm. Parsons, Cab Hire.....		7 50
		G. P. Henry, Oxheads.....		18 00

Sept. 1.	Paid G. M. Smith & Co., Dry Goods	\$ 6 12
	Wentzell & Co., Corn Meal, &c	54 70
Oct. 24.	Granite House, Cottons, &c	8 03
	Jas. McLearn & Son, Oats	48 63
	Pay Sheet for September	294 00
	Carette Co. for Horse	130 00
	R. H. Margeson, horse-shoeing	19 48
	Mrs. C. Manly, Dry Goods	18 51
	Bilman, Chisholm & Co., Meal	8 25
	Buckley Bros., Drugs	37 64
	A. J. Grant & Co., Brushes	1 70
	W. N. Martin & Co., Harness Work	16 80
	T. R. Siteman, Corn Meal	23 60
	G. P. Henry, Oxheads	18 60
	Wm. Roche for Coal	440 55
Nov. 1.	Pay Sheet for October	294 00
9.	A. Drysdale, Cab Hire	2 50
	Wm. Parsons, "	8 00
	W. B. Fidler, Lumber and Work	234 86
	R. Cabot & Son, Dry Goods	10 23
	G. P. Henry, Oxheads	19 50
	Wallace & Stevens, Corn Meal, &c	41 28
	Mrs. C. Manly, Blankets	123 70
	G. E. Smith & Co., Hardware	19 26
	John Hogan & Sons, Lime	3 75
Dec. 1.	Pay Sheet for November	294 00
	Wm. Parsons, Cab Hire	8 00
	T. R. Frame, Dry Goods	22 14
	G. P. Henry, Oxheads	24 08
	Nisbet & Drake, Groceries	81 95
	Moir & Son, Bread and Cakes	7 50
	Wm. Robertson, Nails and Tacks	4 61
	A. Gunn & Co., for Bran	9 95
	J. B. Neilly & Co., Potatoes	28 00
	Clayton & Son, Overcoats	50 00
	Gordon & Keith, Tables and Ghairs	26 27
	W. N. Brown, for Box Cart	50 00
	A. Whitman for Blankets	124 25
	John Sheridan, Men's Clothing	16 00
1893.		
Jan. 1.	Pay Sheet for December	294 00
	J. A. Hancock, Glassware	3 14
	Wm. Parsons, Cab Hire	7 00
	W. J. Hopgood, Groceries	63 94
	Moir Son & Co., Cakes, &c	15 98
	A. & W. Mackinlay, Stationery	3 26
	Wm. Robertson, Dynamite	5 73
	F. H. Horneman, Cottons, &c	5 34
	G. P. Henry, Oxheads	33 39
	J. E. Wilson, Stoveback	85
	R. D. Clarke for Clothing	11 75
Feb. 1.	Pay Sheet for January	264 00
	Wm. Parsons, Cab Hire	4 00
	H. H. Fuller & Co., Hardware	4 20
	F. H. Horneman, Cottons, &c	4 75
	G. P. Henry, Oxheads	16 32

Feb. 1.	Paid R. Martin & Co., Harness Work	\$ 14 75
	John Hogan & Sons, Lime	1 25
	J. J. Richards, Meat and Oil	45 16
	George Rent, Stove-pipes, &c	19 57
	Wm Roche, Shoe findings	51
	Buckley Bros, Medicines	35 16
	Blackadar Bros., Advertising	2 50
	Longard Bros., Repairs	21 45
	M. Scanlan, Ticking, &c	11 48
	John O'Connell, Horse-shoeing	24 19
Mar. 2.	R. W. Margeson, do.	15 80
	Pay Sheet for February	294 00
	Wm. Parsons, Cab Hire	4 00
	W. W. Wentzell & Co., Corn Meal, &c	65 66
	McIntosh & McInnis, Lumber	13 95
	G. P. Henry, Oxheads	11 52
	Geo. E. Smith & Co., Hardware	3 38
	Granite House, Towelling, &c	3 41
	Rev. Robt. Murray, Cab Hire of Ministers	28 00
Apl. 2.	Pay Sheet for March	264 00
	George Yates, Slippers	90
	W. J. Hopgood, Corn Meal, &c	50 80
	A. J. Grant & Co., Paint Brushes, &c	7 00
	Mrs. C. Manly, Dry Goods	11 73
	B. J. Hubley & Sons, Oats	11 25
	Wm. Parsons, Cab Hire	8 00
	G. P. Henry, Oxheads	12 48
		\$ 5968 66

### THE POOR'S ASYLUM.

#### Statement of Expenditure for the Poor's Asylum from 1st May 1892, to 30th April, 1893.

1892.			
June 1.	Paid J. W. Flemming, Pay Sheet for May	\$ 337 66	
	George McLellan for Meat	166 59	
	E. J. Lordly, Groceries	450 59	
	J. L. Whytal for Leather	10 95	
	George Gregoire, Codfish	36 33	
	Geo. P. Henry, Meat, &c	47 77	
	Geo. Parker, Milk	51 13	
	William Roche, Coal	75 00	
	Smith Bros., Dry Goods	59 28	
July 1.	Pay Sheet for June	337 66	
	Insurance, Queen Co.	150 00	
	" Acadia, 1 yr. on \$5000	25 00	
	" Lancashire, 3 yrs. on \$5000	75 00	
	" Phoenix, " "	75 00	
	" Eastern Assurance " "	75 00	



July 1.	Paid Insurance, Halifax, on \$10,000.....	\$ 100 00
	" London & Lancashire, on boiler house.....	100 00
	" Union Assurance, 3 yrs. on \$5000.....	75 00
	George McLellan, for Meat.....	172 85
	E. G. Lordly, Groceries.....	396 03
	John Lane, for a horse.....	130 00
	Smith Bros., Dry Goods.....	21 75
	J. L. Whytal, Leather.....	10 46
	G. P. Henry, Pork and Dripping.....	17 40
	Geo. Gregoire, Codfish.....	27 52
	Geo. Parker, for Milk.....	46 80
	E. Fenton, for Straw.....	52 47
	John O'Connel, horse-shoeing.....	7 63
	Longard Bros., Brass fittings.....	5 65
	Theakston & Co., Printing Cards.....	6 00
	John Patterson, Repair of Boiler.....	18 18
	C. E. Puttner, Medical Services.....	37 50
	Victoria General Hospital, Medicines, &c.....	194 32
Aug. 1.	Pay Sheet for July.....	536 66
	E. G. Lordly, Groceries.....	409 47
	J. W. Flemming, Sundries per Bill.....	47 85
	Geo. W. McLellan, for Meat.....	165 00
	Smith Bros., Dry Goods.....	54 01
	J. L. Whytal, Leather.....	10 98
	G. P. Henry, for Pork.....	32 00
	" " Dripping.....	5 46
	Geo. Gregoire, Codfish.....	27 44
	R. Fulton, for Milk.....	48 36
	Halifax Gas Co., Lighting.....	64 00
Sept. 1.	Pay Sheet for August.....	337 66
	E. J. Lordly, Groceries.....	452 24
	Geo. McLellan, Meat.....	184 83
	Smith Bros., Homespun, &c.....	44 25
	J. L. Whytal, Leather.....	10 23
	Geo. Gregoire, Codfish.....	34 40
	Geo. P. Henry, Pork.....	32 00
	R. Fulton, Milk.....	48 14
	Cragg Bros., for Nails, &c.....	3 25
	McManus & Butler, Shoes.....	11 72
	Water Department, Water 6 months.....	250 00
	Gardner Coal Co., Coal.....	34 00
	McIntosh & McInnis, Lumber.....	27 94
	This amount paid Annie Sentner.....	60 00
Oct. 1.	Pay Sheet for September.....	337 66
	Smith Bros., Dry Goods.....	72 24
	J. L. Whytal, Leather.....	11 10
	Geo. McLellan, Meat.....	165 85
	G. P. Henry, Pork and Dripping.....	35 64
	R. Fulton for Milk.....	46 89
	Geo. Gregoire, Codfish.....	20 39
	J. A. Chipman & Co., Oats.....	9 25
	J. E. Puttner, 1 Quarter's Salary.....	37 50
	John Patterson, Repair of Boiler.....	17 12
	A. M. Bell Hardware.....	12 83
	Hart & Murray.....	22 76
	Wm. Roche, Hard Coal.....	1649 50

Oct. 1.	Paid Knowles Book Store, Blank Books.....	\$ 17 00
Nov. 1.	Pay Sheet for October.....	537 66
	J. B. Neilly & Co., Potatoes.....	66 05
	E. J. Lordly, Groceries.....	496 22
	Geo. McLellan, Beef, &c.....	197 01
	J. W. Flemming, Sundry Expenses.....	119 37
	J. L. Whytal, Leather.....	10 59
	C. J. P. Clarkson, Insurance.....	47 50
	Smith Bros., Shirting &c.....	68 26
	Geo. Gregoire, Codfish.....	27 52
	G. P. Henry, Pork and Dripping.....	36 76
	Geo. Parker, Milk.....	48 36
	H. H. Fuller & Co., Paint and Oil.....	3 69
	A. J. Grant & Co., ".....	23 43
	A. J. Grant & Co., ".....	75
	W. N. Brown, Wheelbarrows.....	16 45
	Alex. Moody, Advertising.....	27 00
	Power & Co., Covering Roof.....	49 65
	Halifax Gas Co., Lighting.....	117 80
	Bremner & Co., Potatoes.....	532 28
Dec. 1.	W. E. Hyde, ".....	36 38
	Pay Sheet for November.....	337 66
	Alex. Grant, Lumber.....	61 67
	Dillon Bros., Groceries.....	425 34
	Granite House, Dry Goods.....	126 66
	J. L. Whytal, Leather.....	20 07
	Isaac Durling, Beef.....	172 50
	Geo. Gregoire, Fish.....	27 52
	Geo. Parker, Milk.....	48 53
	W. A. Maling & Co., Pork.....	30 00
	G. P. Henry, Lard and Dripping.....	7 45
	W. E. Hyde, Potatoes.....	27 18
	R. Martin & Co., Repairing Harness.....	5 25
	Baldwin & Co., Crockeryware.....	41 25
	W. Robertson, Coffin Mountings.....	4 34
	Jas. Dempster & Co., Flooring &c.....	39 01
	Longard Bros., Steam Boiler, &c.....	117 37
	Ellen O Leary, Return of Board.....	60 00
1893.		
Jan. 1.	Pay Sheet for December.....	339 66
	E. Fenton, for Straw.....	39 01
	J. L. Whytal, Leather.....	10 97
	Isaac Durling, for Meat.....	207 81
	George Gregoire, Fish.....	29 00
	W. A. Maling, Pork, &c.....	45 00
	J. O'Connell, horse-shoeing.....	11 36
	Cragg Bros., Stove Pipes.....	54 51
	Imperial Insurance Co., on Outbuildings.....	100 00
	George Rent, Tinware.....	2 93
	C. E. Puttner, 1 Quarters Salary.....	37 50
	N. S. Telephone Co., for 6 months.....	17 50
	M. H. Ruggles & Co., Crockery Ware.....	7 50
	Dillon Bros., Groceries.....	512 28
	Granite House, Dry Goods.....	145 35
	E. J. Lordly, Groceries.....	428 08
	G. W. Jones, Boiler Inspection.....	35 00

Jan. 16.	Paid C. Annand, Advertising	\$	2 60
Feb. 1.	Pay Sheet for January		541 66
13.	Dillon Bros., Groceries		492 16
	Granite House, Dry Goods		77 20
15.	Wm. Roche, Sole Leather, &c.		7 78
	Isaac Durling, Meat		181 56
18.	Geo. Gregoire, Codfish		41 87
	Geo. Parker, for Milk		48 36
	W. A. Maling & Co., Pork		33 38
	G. P. Henry for Dripping		7 00
	Blackadar Bros., Advetising		2 24
	McIntosh & McInnis, Lumber		64 50
	Samuel Brown, for Ice		30 00
	Knowles Book Store, Stationery		14 57
	Halifax Gas Light Co., for Gas		226 90
	A. J. McNutt, Repa ring Wheels		4 00
	F. Reardon, Repairing Skylight		5 23
	Victoria Hospital, Medicines		148 79
	J. W. Flemming, for Nurs-es		27 59
	W. N. Newcombe, Cab Hire		5 35
	E. M. Power,		2 00
	Geo. Parker, Milk in December		48 27
Mar. 1.	Pay Sheet for February		357 83
	John Snow, Burial Expenses		2 00
	Martin, Young & Co, Painting, &c.		24 00
	Dillon Bros., Groceries		464 29
	Granite House, Dry Goods		96 38
	Wm. Roche, Shoe Findings		8 39
	Isaac Durling, Beef		172 54
	Geo. Gregoire, Fish		22 27
	George Parker, Milk		52 08
	W. A. Maling & Co., Pork		37 50
	Cragg Bros. & Co		18 30
	Knowles Book Store, Stationery		3 95
	S. A. Marshall, Mason Work		8 50
	W. S. Craig, for Kettles		8 28
	Longard Bros., Plumbing		3 45
	M. H. Ruggles, Crockery Ware		21 20
	W. & C. Silver, Boys Coats		18 00
	C. J. Cooke, Wash Basins, &c		27 50
	George Parker, for Milk		80 60
	Dillon Bros., Groceries		456 47
	Wm. Roche, Leather		9 78
	Isaac Durling, Beef		216 43
	Geo. Gregoire, Codfish		25 97
	W. A. Maling & Co., Pork		45 00
	G. P. Henry, Dripping		7 00
	A. M. Bell, Hardware		26 70
	Alex Grant, Lumber		2 61
	W. N. Brown, Repair of Carts		16 10
	W. & C. Silver, for Quilts		38 35
	A. W. Redden, Boots		19 25
	B. Mulcahy, for Ellen Gallagher		7 80
	C. E. Puttner, 1 Quarter's Salary		37 50
	George Rent, Dish Pans		3 00
	Pay Sheet for March		464 16

Mar. 1.	Paid Granite House, Shirting, &c.....	\$ 138 77
	Dr. Hawkins, Certificate Lunacy.....	5 00
	Dr. Marshall, ".....	5 00
	This Amount transferred to credit of Streets Account...	300 00
	Interest on \$80,000 at 5 per cent.....	4000 00
		<u>\$24,083 09</u>

## CONTINGENT ACCOUNT.

*Statement of Expenditure on Contingent Account from 1st May, 1892, to 30th April, 1893.*

1892.			
May 5.	Paid T. Perrin, Polling Place .....	\$ 6 00	
	W. C. F. U. Rooms, Election Expenses.....	9 40	
	C. Sweeney, Cab Hire.....	7 00	
	J. W. Boutillier, Polling Place .....	6 00	
	G. T. Bostwick, Book Case.....	129 40	
	Dr. Cowie, Certificate Lunacy, (2).....	10 00	
	Dr. Mader, ".....	5 00	
	Dr. Curry, ".....	5 00	
	J. W. Ouseley, Copies of Acts.....	15 00	
	Alex Adams, Polling Place.....	5 50	
	Dr. Gow, Certificate Lunacy.....	5 00	
June 1.	T. Duncan, Salary.....	12 00	
	C. E. Coffee Room, for Meals.....	16 13	
	Jno. McDonald, Cab Hire.....	2 00	
	City Clerk, Office Expenses.....	20 36	
	Longard Bros., Tin Boxes.....	14 25	
	Wm. Parsons, Cab Hire.....	3 00	
	J. R. Pickeram, torn Pants.....	7 00	
	W. F. McCoy, Costs Suit—Lordly .....	24 36	
	E. H. Keating, Services to date.....	30 00	
	C. E. Coffee Room, for Meals.....	28 50	
July 5.	Geo. Brown, Rent of Pound.....	20 00	
	City Clerk, Office Expenses.....	21 39	
	M. Eisener, Polling Place.....	6 00	
	Ald. Sanford, Proportion Board of Works allowance.....	120 00	
	Ald. R. J. Sweet, " " ".....	120 00	
	Ald. McFatrige, " " ".....	120 00	
	Ald. Mosher, " " ".....	120 00	
	Ald. McIntosh, " " ".....	176 66	
	Ald. Keefe, " " ".....	283 34	
	Ald. Allen, " " ".....	60 00	
	Henry Trenaman, Extra Services.....	200 00	
	Ald. Dennis Entertaining Representatives and Visitors .....	15 00	
	Detective Power, Exp. recovering Boys to Reformatory.....	39 97	
Aug. 9.	Fraser Bros., Cab Hire, Press Men.....	14 00	
	W. P. Inglis, " ".....	5 00	
	N. Sarre & Sons, Cigars, ".....	15 00	
	M. Power, Refreshments, ".....	32 18	
	T. Duncan, Salary.....	12 00	
	Mrs. Spruin, ".....	25 00	

Aug. 9.	Paid C. E. Coffee Room, Meals to Prisoners	\$ 29 50
	City Clerk, Office Expenses	23 30
	J. Clanson, Cab Hire	3 00
	S. E. Whiston, Engrossing Address to Mayor	40 00
	Thos. Duncan, (omitted in July)	12 00
30.	A. E. McManus, New Gown for Mayor	48 00
Sept. 1.	Thos. Duncan	12 00
	R. Theakston, Stationery, &c., in office	64 05
	C. E. Coffee Room, Meals for prisoners	33 00
	G. Phelan, for Killop's Directory	15 00
	M. Power Polling Place	6 00
	Ald. Hamilton, Expenses Skull Race	87 65
	A. Drysdale, Cab Hire	2 00
	City Clerk, Office Expenses	17 59
	Fraser & Sons, Cab Hire	5 00
Oct. 1.	Dr. McKay, Certificate Lunacy	5 00
	St. Patrick's Home, for Board	3 00
	Cab Hire, Press Men	10 00
	G. Hunsten, Meals for Prisoners	19 25
	Thos. Duncan, for September	12 00
	City Clerk, Office Expenses	30 50
Nov. 3.	W. Notman, Photo of City Council	50 00
	Thos. Duncan, for October	12 00
5.	C. E. Coffee Room, Meals for Prisoners	25 25
24.	A. Hutchinson, for Ice	15 50
	W. F. McCoy, Witnesses in Suits	51 10
	Mrs. Spruin, 1 Quarter	25 00
Dec. 1.	Thos. Duncan, 1 month	12 00
	S. Hunsten, Meals for Prisoners	33 00
	City Clerk, Office Expenses	15 82
	Fraser Bros., Cab Hire	9 00
	City Clerk, Office Expenses	12 16
	Detective Power, removing Pauper Family	27 50
	W. F. Pickering, Pants to Policeman	7 00
	City Treasurer, for Stamps	3 35
	John Hunter, Brass Buckles	7 50
	S. R. Phelan, Stamps	20 00
1893.		
Jan. 1.	Thomas Duncan	12 00
	Dr. Finn, Certificate Lunacy	5 00
	C. E. Coffee Room, Meals for Prisoners	26 50
	War Department, Rent of Streets	2 64
	City Clerk, Office Expenses	14 42
	J. F. Kelly, Policemen's Belts	14 40
	Dr. Slayter, Certificate Lunacy	5 00
	Mrs. Ainsley, Cab Hire	7 00
Feb. 1.	Thos. Duncan, 1 month	12 00
	S. Hunsten, Meals for Prisoners	13 00
	Mrs. Spruin, 1 Quarter	25 00
	Detective Power, Arrest of Boys	33 23
	W. F. McCoy, for Witnesses	18 50
	City Clerk, Office Expenses	13 67
	John Gregoire, Posting Bills	14 40
Mar. 8.	C. E. Coffee Room, for Meals	23 00
	City Clerk, Office Expenses	15 24
	Thos. Duncan, 1 month	12 00

Apl. 1.	Paid Thos. Duncan, 1 month .....	\$ 12 00
8.	C. E. Coffee Room. Meals for Prisoners.....	18 50
10.	City Clerk, Office Expenses.....	11 11
29.	Thos. Hyland, Polling Place.....	6 00
	J. W. Boutillier, ".....	6 00
		<u>\$ 2,891 07</u>

### SANITARY ACCOUNT.

#### *Statement of Expenditure on Sanitary Account from 1st May, 1892 to 30th April, 1893.*

1892.		
May 9.	Paid John Gregoire, for Posting Bills.....	\$ 3 00
	Royal Gazette, Printing Rules, &c.....	96 00
	N. S. Printing Co., for Maps.....	2 00
	Theakston & Co., for Posters.....	6 00
31.	John Delaney, Salary.....	52 00
	N. Meagher, ".....	58 34
	A. J. Penny, ".....	52 00
June 1.	Jas. Bowes, Night Watch.....	15 00
	Dr. Trenaman, Salary.....	83 33
7.	Jas. Bowes, Night Watch.....	15 00
	John Snow, Removing Patients.....	8 00
21.	Jas. Bowes, Night Watch.....	15 00
	Fraser Bros., Cab Hire.....	3 00
July 4.	Arthur Wyatt, for May, Salary.....	50 00
	Dr. Trenaman, for June, ".....	83 33
	N. Meagher, ".....	58 34
	John Delaney, ".....	52 00
	A. J. Penny, ".....	52 00
	Jas. Bowes, Night Watch.....	15 00
	C. Donovan, 1½ months.....	100 00
	Jas. Bowes, Night Watch.....	15 00
	S. Cunard & C., Coal.....	12 50
	A. Wyatt, 1 month (June).....	50 00
Aug. 1.	Dr. DeWitt, Salary.....	100 00
	Dr. Trenaman, ".....	83 33
	W. J. Nisbet, ".....	25 00
	C. Donovan, ".....	66 66
	John Delaney, ".....	52 00
	N. Meagher, ".....	58 34
	A. J. Penny, ".....	52 00
	A. Wyatt, ".....	50 00
	Dr. McKay, Annual Allowance.....	100 00
	W. H. S. Neal, ".....	100 00
	J. S. Sandford, ".....	100 00
	Jas. Bowes, Night Watch.....	15 00
	N. S. Telephone Co., 6 months.....	12 50
	Blackadar Bros., Advertising.....	158 82
	Charles Raine, Posts and Rails.....	27 80
	Buckley Bros., Carbolic Acid.....	1 05

Aug. 1.	Paid James Bowes, Night Watch	\$ 7 50
Sept. 20.	Ald. Hamilton, his allowance	100 00
	A. J. Penny, Salary	52 00
	Dr. Trenaman, "	83 33
	W. P. C. Inglis, Cab Hire	1 50
	Mahon Bros., Dry Goods for Hospital	8 37
	C. Donovan, Salary	66 66
	Wm. Nisbet, 1 month	8 33
	N. Meagher, "	58 34
	John Delaney, "	52 00
	J. Foran, Truckage	1 00
	Theakston & Co., Printing, &c.	51 25
	" " Binding	15 00
	McDonald & Co., Repair of Pipes, &c.	39 70
	C. McGillivray, Repairing Well	55 00
	A. Wyatt, 1 month	50 00
	Dr. Morrow, for Telegrams	2 47
	N. Meagher, "	2 48
	Jas Dixon, removing Night Soil	2 50
Oct. 1.	Claude Donovan, Salary	66 66
	Dr. Trenaman, "	83 33
	Inspector Meagher, "	58 34
5.	Charles Ryder, Removing Night Soil	40 00
	" " "	3 50
	A. Wyatt Salary	50 00
	Morning Herald, Printing	6 00
	Fred Byers, Removing Soil	5 00
	R. T. Murray, Advertising	3 00
	A Wyatt Salary and Boarding	68 75
	Board of Plumbing Examiners	12 00
Nov. 1.	Dr. Trenaman, Salary	83 33
	C. Donovan, "	66 66
	N. Meagher, "	58 34
	W. H. Neal, for Superintendence	60 00
	A. Wyatt, Salary	50 00
	" Board of Patients	2 50
	N. S. Telephone Co., 6 months	12 50
	D. McDonald, Removing Soil	13 00
	Cragg Bros., for Pails, &c.	5 60
	Lawson, Harrington & Co., for Oil	9 02
29.	G. W. Jost, Examining Plumbers	12 00
	Dr. Trenaman, Salary	83 33
	H. H. Fuller & Co., for Lamps	7 27
	C. Donovan, Salary	66 66
	A. Wyatt, "	50 00
	N. Meagher, "	58 34
	C. Annand, Advertising	28 62
	D. L. Johns, Work at Hospital	75 00
	F. W. W. Doane, Duties on Smoke Tester	9 60
1893.		
Jan. 18.	A. & W. McKinlay, Letter Book	3 00
	Hattie & Mylius, Peppermint	7 05
24.	Board of Works, for Drain	11 15
	N. Meagher, Salary	58 34
	Forsyth & Sutcliffe, Drugs, &c.	27 70
	D. L. Johns, Work at Hospital	281 48

12/800  
 3/10  
 31 2  
 32  
 12/83 2  
 69.00

Jan. 24.	Paid	Board of Works, Work at Hospital .....	\$ 5 60
		A. Wyatt, Salary .....	50 00
		S. Cunard & Co., Coal.....	129 00
		Blackadar Bros., Advertising .....	18 58
		Dr. Trenaman, Salary for December .....	83 33
		C. Donovan, " .....	66 66
		Power & Co., Work at Hospital.....	595 35
27.		Theakston & Co., Printing Cards.....	6 00
Feb. 1.		Dr. Trenaman, Salary .....	83 33
		C. Donovan, " .....	66 66
		N. Meagher, " .....	58 34
		A. Wyatt, " .....	50 00
		" for Board of Patients.....	33 00
		Dunsworth & Jones, Painting.....	14 25
		A. Wyatt, Board of Boys from Reformatory .....	12 50
28.		Dr. Trenaman, Salary for February .....	83 33
		C. Donovan, " and Freight. &c.....	70 41
		F. W. W. Doane, for Smoke Tester .....	27 34
		A. Wyatt, Board of Patients.....	57 83
Mar. 1.		A. Wyatt, Salary.....	50 00
		Inspector Meagher, Salary.....	58 34
		Dunsworth & Jones, Painting, &c.....	15 70
26.		E. Davidson, Grate Linings.....	1 50
		A. & W. McKinlay, Stationery.....	1 92
		John Snow & Son, Burial Expenses .....	10 00
		Theakston & Co., for Notices.....	39 50
		Dr. Slayter, 2 Certificates Lunacy .....	10 00
Apl. 1.		Dr. Trenaman, Salary .....	83 33
		N. Meagher, Salary.....	58 34
		D. McDonald, Work at Pits.....	13 00
		A. Wyatt, Salary.....	50 00
		C. Donovan .....	66 66
		Cragg, Bros., Nails, &c .....	1 38
		A. J. Penny, Posting Bills.....	2 00
		Power & Co., Repairing Pumps .....	13 50
		Ald. Wallace, his allowance.....	100 00
		Dr. N. McKay, " .....	100 00
		A. Wyatt, Board of Patients .....	11 25
29.		C. Donovan, Salary .....	66 66
			<u>\$ 6358 43</u>

**THE PUBLIC GARDENS AND THE COMMON.**

*Statement of Expenditure for the Public Gardens and the Commons  
 from 1st May, 1892, to 30th April, 1893.*

1892.			
May 13.	Paid	Freight on Bulbs.....	\$ 4 55
		George Harris, Work at Gates .....	18 29
		R. Power, for Labour.....	223 79
		Jae. McDonald, Cab Hire.....	3 00
		Sundry small bills .....	4 10
		Pitcher & Co., for Plants.....	25 00
		J. B. Neilly, for Shrubs .....	18 00
27.		R. Power, for Labour.....	248 90
		W. E. Brine, for Pony.....	40 00



June 2.	Paid R. Power, for Salary .....	\$ 66 66
	" Labour .....	277 40
	J. F. Kelly, for Harness .....	28 00
	W. Foster, for Fencing .....	49 83
	Forbes Manufacturing Co., for Mower .....	46 50
	Cragg Bros., for Tools .....	51 75
23.	R. Power, for Labour .....	255 55
25.	J. E. M. Taylor, per Contract .....	500 00
	Whitewashing at Grafton Park .....	8 00
July 1.	R. Power, Salary .....	66 66
8.	" for Labour .....	229 75
21.	" " .....	252 35
31.	" Salary .....	66 66
	John Foster & Co., for Waggon .....	35 00
	Brookfield Bros., Lumber .....	6 35
	Jas Dempster & Co., Music Stands .....	8 00
	Reilly & Son, for Plumbing .....	6 83
	J. E. M. Taylor, Painting Gates, &c .....	33 64
	H. H. Fuller & Co., Hardware .....	24 58
	Dillon Bros. and others, small bills .....	13 02
Aug. 4.	R. Power, Labour .....	240 32
19.	" " .....	201 17
Sept. 1.	" " .....	210 86
	" Salary .....	66 66
	" Labour .....	194 90
30.	" " .....	190 88
Oct. 1.	" Salary .....	66 66
	" Labour .....	166 30
	Jas. McLearn & Sons, for Corn, &c .....	62 13
	J. E. M. Taylor, balance of Contract .....	248 10
	C. S. Lane, Fire Works .....	67 00
	Reilly & Son, Plumbing .....	91 26
	Halifax Nursery, for Plants .....	45 44
	Bentley & Flemming, Lamp Poles .....	23 10
28.	R. Power, for Labour .....	91 12
Nov. 1.	" Salary .....	66 66
8.	" Labour .....	51 75
22.	" " .....	50 75
Dec. 1.	" Salary .....	66 66
9.	" Labour .....	42 75
23.	" " .....	22 00
1893.		
Jan. 1.	" Salary .....	66 66
	" Labour .....	19 00
27.	" " .....	22 00
Feb. 3.	" Salary .....	66 66
10.	" Labour .....	22 00
24.	" " .....	22 00
Mar. 1.	" Salary .....	66 66
10.	" Labour .....	22 00
17.	" " .....	22 00
Apl. 1.	" Salary .....	66 66
	" Labour .....	22 00
21.	" " .....	22 00
29.	" " .....	27 00
		\$ 5345 57

**CAMP HILL CEMETERY.***Statement of Expenditure in Camp Hill Cemetery from 1st May, 1892, to 30th April, 1893.*

1892.			
May 21.	Paid A. McDougall, for Labour.....	\$	36 70
June 10.	T. Murphy and others, ".....		34 10
24.	" " ".....		25 30
	Herald Co., Advertising.....		1 87
July 2.	A. McDougall, Labour.....		55 65
	A. M. Bell, for Tools.....		5 06
16.	A. McDougall, Labour.....		41 10
22.	" " ".....		53 75
	J. D. Kelly, for New Gates, &c.....		37 75
	Pettipont and others, for Work.....		98 93
Aug. 5.	A. McDougall, Labour.....		24 20
19.	" " ".....		12 00
Sept. 9.	N. Murphy, ".....		16 50
Oct. 11.	Herald Co., Advertising.....		3 00
	A. McDougall, Labour.....		7 50
26.	" " ".....		44 30
	W. N. Paw and others, Inspecting Sites.....		9 50
Nov. 9.	Mrs. Ainsley, Cab Hire.....		11 00
12.	Murphy & Reynolds, for Work.....		19 25
1893.			
Jan. 1.	J. Kelly, Work at Keeper's Office.....		3 50
	C. W. Davies, opening Safe.....		3 50
31.	Jas. Mahon, Cab Hire.....		5 00
Feb. 10.	N. S. Nursery, for Shrubs.....		6 40
18.	A. McDougall, Labour.....		6 60
	A. M. Bell, Hardware.....		5 92
Apl. 18.	A. McDougall, Labour.....		13 20
	W. W. Howell & Co., for Box.....		9 65
		\$	<u>591 23</u>

**PRINTING AND STATIONERY.***Statement of Expenditure for Printing and Stationery, from 1st May, 1892, to 30th April, 1893.*

1892.			
June 30.	Paid B. Gladwin, for Blank Books.....	\$	22 25
	Herald Co., Printing Minutes, &c.....		222 40
	Blackadar Bros., Printing and Advertising.....		84 24
	A. & W. McKinlay, Stationery.....		44 77
	Theakston & Co., on Contract for Report.....		100 00
	" " General Printing.....		94 75
July 16.	D. McAlpine & Co., for Directories.....		30 00
20.	Lithograph Co., for Debentures.....		67 40
25.	A. & W. McKinlay, Stationery.....		105 27

## CITY AUDITOR'S REPORT.

Sept. 13.	Paid Theakston & Co., for Printing.....	\$ 229 46
Oct. 22.	A. & W. McKinlay, Stationery.....	81 92
	Theakston & Co., Printing, &c.....	96 35
	Engineers' Office, for Stamps.....	10 00
	" " " ".....	15 00
	E. J. Carter, for Engraving, &c.....	18 00
	S. Phelan, for Stamps.....	20 00
	Theakston & Co., account of Contract.....	40 00
	Herald Office, Printing and Advertising.....	100 09
	Lithograph Co., for Debentures.....	119 00
Nov. 1.	A. & W. McKinlay, Stationery.....	29 97
	Theakston & Co., Blanks.....	4 00
	Herald Co., Advertising.....	4 50
Jan. 2.	Jas. Bowes & Son, Debentures.....	3 68
	City Engineer, for Stamps.....	10 00
	Estate C. Annand, for Advertising.....	226 49
Feb. 3.	A. & W. McKinlay, Stationery.....	32 10
	" " " ".....	61 29
	Engineer's Office, ".....	10 00
Mar. 4.	Blackadar Bros, Printing, &c.....	194 20
	Herald Office, ".....	118 12
	C. Annand, 2 copies Chronicle.....	12 00
	G. & T. Phillips, Binding, &c.....	31 00
	Theakston & Co., Printing, &c.....	51 45
	Herald Co., for Herald.....	12 00
		\$ 2301 70

## PERMANENT PAVEMENT.

## Statement of Expenditure for Concrete Pavements from 1st May, 1892, to 30th April, 1893.

1892.		
May 3.	Paid Work at Crusher and Curbing.....	\$ 893 82
10.	John Kline, for Granite.....	200 00
	Resetting Curbs, Catch Pits, &c.....	1073 30
27.	John Kline, for Granite.....	200 00
June 1.	Paving and Curbing in Hollis Street.....	1118 47
	Duty on Drain Tiles.....	150 00
10.	John Kline, for Stone.....	400 00
14.	General Work and Accounts.....	3370 19
15.	H. H. Fuller & Co., Hardware.....	36 17
20.	C. Morton, Ploughing Streets.....	100 00
25.	John Kline, for Paving Stones.....	525 18
27.	Paving and Crossings different Streets.....	2600 96
July 7.	P. Washington, Truckage.....	137 60
	Paving and Curbing various Streets.....	2978 86
13.	H. H. Fuller & Co., Hardware.....	479 69
10.	P. Washington, Hauling.....	267 60
25.	Paving and Resetting Curbs, &c.....	2608 75
	P. Washington, for Hauling.....	262 00
27.	H. Surette, for Paving Blocks.....	546 00

Aug. 2.	Paid Melvin & Co., for Cement.....	\$ 276 21
8.	Work on Granville and other Streets.....	1978 58
16.	P. Washington, for Hauling.....	369 00
22.	Work on Barrington and other Streets.....	1868 97
31.	W. C. Castlen, Repairs to Crusher.....	111 45
Sept. 1.	John Kline, for Granite.....	1600 00
5.	Paving in Water and other Streets.....	914 44
6.	Sundry accounts, Fuller & Co., Melvin & Co., &c.....	1652 77
14.	J. A. Thomson, for Castings, and others.....	402 36
20.	Melvin & Co., Cement, and Fuller & Co.....	228 73
	Resetting Curbs and Paving.....	1156 50
Oct. 5.	Melvin & Co., Cement, and others.....	501 57
	Resetting Curbs and Paving.....	1296 26
	J. A. Thomson, for Castings.....	56 47
19.	Melvin & Co., and other accounts.....	166 48
	Transfer to Market Square account, for Material.....	175 00
	Paving and Curbing Duke and Water Streets.....	1538 42
31.	" " " ".....	1753 00
Nov. 1.	Black Bros. & Co., for Cement.....	328 45
2.	Herald Co., and Baldwin & Co., accounts.....	51 25
11.	Power & Co., their account.....	30 00
28.	Setting Curbs and Paving.....	969 04
	Work on Duke Street.....	216 74
	Melvin & Co., Cement.....	213 30
	Estate W. Harrington, Rent.....	200 00
	Paving and Curbing George Street, &c.....	1551 28
	John Kline, for Granite.....	1500 00
Dec. 2.	J. McDonald and W. F. Reilly.....	123 67
6.	J. A. Thomson, for Castings.....	61 76
12.	Crossings and Curbing.....	591 71
	H. H. Fuller & Co., &c.....	28 27
13.	H. H. Fuller & Co., Hardware.....	66 45
21.	Vacuum Oil Co., and other accounts.....	67 89
22.	Resetting Curbs, Duke Street.....	215 21
26.	General Work and Curbing.....	181 80
1893.		
Jan. 16.	John Kline, for Granite.....	1000 00
	J. McDonald and W. F. Reilly.....	123 67
9.	Work at Crusher.....	280 07
	Duties paid on Crusher.....	37 50
	General Work and Repairs.....	64 88
25.	S. Cunard & Co., and other accounts.....	64 21
26.	J. McDonald and W. F. Reilly.....	123 67
31.	Work at Crusher and accounts.....	239 98
Feb. 6.	A. J. Nicholson, Hauling Stone.....	116 96
10.	Work at Crusher.....	100 07
20.	Transfer to Horse Account.....	232 35
	J. A. Thomson, Castings.....	13 32
	A. J. Nicholson, for Stone.....	182 78
28.	J. McDonald and W. F. Reilly.....	123 67
Mar. 2.	Halifax Land Co., for Stone.....	100 00
	W. C. Castlen, Castings for Crusher.....	124 91
	C. Annand, Advertising.....	33 00
4.	Work at Crusher.....	117 45
6.	A. J. Nicholson, for Stone.....	232 67
7.	S. Cunard & Co., and other accounts.....	58 32
8.		

Mch. 8.	Paid Babcock & Co., for Plow, and Oil Co., for Oil .....	\$ 73 24
20.	A. J. Nicholson, for Stone .....	256 80
	Work at Crusher .....	130 70
30.	J. McDonald and W. F. Reilly .....	123 67
Apr. 3.	Work at Merklesfield .....	152 17
4.	A. J. Nicholson, Hauling Stone .....	258 36
17.	Paid for Stone and Crushing .....	493 70
21.	A. J. Nicholson, Hauling Stone .....	248 18
		<u>\$ 45558 52</u>

### THE CITIZENS' LIBRARY.

#### Statement of Expenditure for the Citizens' Library, from 1st May, 1892, to 30th April, 1893.

1892.			
June 1.	Paid Royal Co., Insurance .....	\$ 25 00	
Aug. 1.	Samuel Creed, Salary .....	125 00	
	Miss Warren, do. ....	87 50	
Sept. 3.	Blackadar Bros., Advertizing .....	3 40	
Nov. 1.	Miss Warren, Salary .....	87 50	
	Miss Barnaby, to date .....	46 94	
	S. Creed, 3 months .....	62 50	
	Mrs. Drillio, Cleaning, etc. ....	12 74	
12.	S. Creed, Repairing Books .....	75 00	
1893.			
Feb. 1.	Miss Warren, Salary .....	87 50	
	S. Creed, 3 months .....	62 50	
	Miss Barnaby, do. ....	62 50	
	J. F. Muncey, Freight, etc. ....	2 03	
25.	Freight of Books .....	2 32	
	" .....	10 55	
	Longman, Green, & Co., Books .....	254 97	
	Harper Bros., Books .....	68 57	
	W. A. Rhind, making Catalogue .....	10 00	
Apr. 30.	Miss Warren, Salary .....	87 50	
	Miss Barnaby, do. ....	62 50	
		<u>\$ 1236 52</u>	

### STREET LIGHTING.

#### Statement of Expenditure for Street Lighting, from 1st May, 1892, to 30th April, 1893.

1892.			
June 1.	Paid Halifax Illuminating and Motor Co., for May .....	\$ 1218 53	
	" Gas Co., Light at Ferry .....	12	
	" " Lighting Clock .....	25	
July 1.	" Illuminating and Motor Co., for June .....	1236	
Aug. 1.	" " " " July .....	1224	

Aug. 1.	Paid Halifax Gas Co., for Light at Ferry .....	\$ 12 50
	“ “ “ Lighting Clock .....	25 00
Sep. 1.	“ Illuminating and Motor Co., for August .....	1212 45
	“ Do., on account of Reserve 10 per cent. ....	820 65
Oct. 5.	“ Do., Lighting for September .....	1201 45
Nov. 1.	“ Do. “ “ October .....	1195 80
	“ Gas Co., Lighting Ferry .....	12 50
Dec. 1.	“ Illuminating and Motor Co., for November ....	1228 79
16.	“ “ “ “ Balance Reserve ..	871 05
1893.		
Jan. 3.	“ “ “ “ Lighting, for Dec'r.	1176 80
Feb. 2.	“ “ “ “ “ for Jan'y	1185 80
	“ Gas Co. Street Lamps .....	82 50
	“ “ Ferry Wharf .....	12 50
Mch. 3.	“ Illuminating and Motor Co., for February .....	1240 80
Apl. 4.	“ “ “ “ for March .....	1232 30
		<u>\$15,227 45</u>

INSURANCE OF FIREMEN  
Statement of Amount paid for Insurance of Firemen, from  
1st May, 1892, to 30th April, 1893.

### FUEL ACCOUNT.

*Statement of Expenditure for Fuel, from 1st May, 1892, to  
30th April, 1893.*

1892.		
Nov. 14.	Paid for putting in Coal .....	\$ 5 27
28.	“ “ “ .....	4 07
Dec. 12.	“ “ “ .....	7 90
21.	Acadia Coal Co., for Coal .....	136 31
1893.		
Jan. 9.	Putting in Coal .....	7 88
26.	Cunard & Co., for Coal .....	47 23
Feb. 8.	“ “ “ .....	6 35
15.	Acadia Coal Co., “ .....	259 50
20.	Transfer to credit of Horses and Drivers acct. ....	92 80
	Putting in Coal .....	16 14
Mch. 6.	“ “ “ .....	5 41
8.	S. Cunard & Co., Coal .....	6 25
Apl. 3.	Putting in Coal .....	11 63
27.	Transfer to Horses account .....	24 20
		<u>\$ 630 94</u>

**LIGHTING CITY HALL.***Statement of Expenditure for Lighting City Hall from 1st May, 1892, to 30th April, 1893.*

1892.					
Aug. 18.	Paid Halifax Gas Co., Lighting City Hall and Offices, 3 mos..	\$	172	80	
Nov. 15.	" " " " " "		235	00	
1893.					
Feb. 16.	" " " " " "		225	13	
Apl. 29.	" " " " " "		10	00	
		\$	642	93	

**INSURANCE OF FIREMEN.***Statement of Amount paid for Insurance of Firemen, from 1st May, 1892, to 30th April, 1893.*

1892.				
May 18.	Paid Manufacturers Accident Co.....	\$	697	05
1893.				
Jan. 25.	" " " " " ".....		331	67
		\$	1028	72

**BOARD OF APPEALS.***Statement of Monies paid the Board of Appeals, from 1st May, 1892, to 30th April, 1893.*

1892.				
May 26.	Paid Thos. J. Cooke.....	\$	85	00
30.	W. F. MacCoy.....		85	00
June 1.	J. H. Symons.....		85	00
		\$	255	00

**INSURANCE ACCOUNT.***Statement of amount paid for Insurance during Civic Year, 1892-93.*

1892.				
June 4.	Paid Board of Works, Insurance on City Property in Queen Co..	\$	999	50
1893.				
Mar. 7.	Board of Works, for Advertising.....		1	17
9.	" " " " " ".....		1	20
		\$	1001	87

**INFANTS' HOME, BRUNSWICK STREET.**

*Statement of amount paid Infants' Home, Brunswick Street, for  
Civic Year, 1892-93.*

1892.			
July 23.	Paid Sister Dolorosa.....	\$	300 00

**INFANTS' HOME, TOWER ROAD.**

*Statement of amount paid the Infants' Home, Tower Road, for  
Civic Year, 1892-93.*

1892.			
July 25.	Paid Mrs. J. C. Mackintosh, Treasurer.....	\$	300 00

**INDUSTRIAL SCHOOL FOR BOYS.**

*Statement of monies paid Directors of the Industrial School,  
during civic year, 1892-93.*

1892.			
June 4.	Paid R. J. Sweet, for Truants .....	\$	60 00
Aug. 1.	" " Maintenance .....		400 00
Sep. 20.	" " Truants .....		60 00
Oct. 28.	" " Maintenance .....		400 00
Dec. 13.	" " Truants .....		60 00
1893.			
Jan. 19.	" " Maintenance .....		400 00
Mch. 24.	" " " .....		400 00
Apl. 15.	" " Truants .....		60 00
		\$	1840 00

**ST. PATRICK'S REFORMATORY FOR BOYS.**

*Statement of Expenditure for St. Patrick's Reformatory during  
Civic Year, 1892-3.*

1892.			
May 25.	Paid Brother Candidus.....	\$	84 00
Aug. 6.	" " .....		446 86
Nov. 15.	" Jonas .....		427 33
1893.			
Feb. 10.	" " .....		400 71
		\$	1358 90



**SCHOOL OF ART AND DESIGN.**

*Statement of Monies paid Directors of School of Art and Design,  
for Civic Year, 1892-93.*

1892.  
July 25. Paid Secretary, A. McKay ..... \$ 500 00

**SCHOOL FOR THE BLIND.**

*Statement of Monies paid Directors of School for the Blind, for  
Civic Year, 1892-93.*

1892.  
July 22. Paid Superintendent Fraser ..... \$ 300 00

**INSTITUTION FOR DEAF AND DUMB.**

*Statement of amount paid Directors of Institution for the  
Deaf and Dumb, on acct. of civic year, 1892-3.*

1892.  
Nov. 24. Paid A. Mackinlay, on account ..... \$ 90 00

**HALIFAX VISITING DISPENSARY.**

*Statement of monies paid Directors of Dispensary, for  
civic year, 1892-3.*

1893.  
Jan. 7. Paid Secretary and Treasurer, W. H. Wiswell..... \$ 750 00

**DALHOUSIE COLLEGE.**

*Statement of monies paid Governors of Dalhousie College,  
for year, 1892-3.*

1892.  
July 26. Paid James Forrest, Treasurer ..... \$ 500 00

**PUBLIC SCHOOLS.**

*Statement of monies paid Commissioners of Public Schools,  
from 1st May, 1892, to 30th April, 1893.*

1892.				
May.	Paid Secretary, R. J. Wilson	.....	\$	540 76
June.	"	"		2596 22
July.	"	"		3527 40
Aug.	"	"		8676 66
Sept.	"	"		7790 44
Oct.	"	"		4147 66
Nov.	"	"		8440 07
Dec.	"	"		6077 35
1893.				
Jan.	"	"		7055 45
Feb.	"	"		6553 59
March.	"	"		4807 78
April.	"	"		4165 68
				<u>\$64,379 06</u>

**COUNTY OF HALIFAX.**

*Statement of Monies paid County of Halifax from 1st May, 1892,  
to 30th April, 1893.*

1892.				
June 30.	Paid County Treasurer, W. H. Wiswell	.....	\$	218 64
July 13.	"	"		189 77
Aug. 16.	"	"		607 65
Oct. 5.	"	"		1847 93
Nov. 21.	"	"		794 66
1893.				
Jan. 6.	"	"		1573 26
Feb. 13.	"	"		895 67
Mar. 21.	"	"		586 92
Apl. 21.	"	"		627 87
				<u>\$ 7342 37</u>

**WIDENING MAITLAND STREET.**

*Statement of Expenditure for widening Maitland Street, being  
part of Loan for \$6000.*

• 1892.				
Oct. 10.	Paid Appraisers of Property	.....	\$	75 00
Nov. 18.	Thos. C. Jonnson	.....		800 00
23.	Miss M. Johnson	.....		1100 00
	Carried forward	.....		<u>\$ 1975 00</u>

	<i>Brought forward</i> .....	\$ 1975 00
Dec. 12.	Paid James Thomson .....	2850 00
14.	John Farquharson.....	325 00
1893.		
Mar. 9.	Board of Works.....	3 88
		<u>\$ 5153 88</u>

### LOAN FOR PUBLIC SQUARE.

#### *Statement of Monies received and paid for the purpose of forming a Public Square.*

1892.			
Oct. 19.	Paid Board of City Works .....	\$5000 00	
21.	" " .....	2000 00	
1893.			
Mar. 9.	" " .....	2 24	7002 24
1892.			
Oct. 6.	By Amount of Loan at $4\frac{1}{2}\%$ .....	\$4000 00	
19.	Cash from W. J. Stairs .....	2000 00	
	" John Tobin & Co. ....	500 00	
	" Bauld, Gibson & Co. ....	100 00	
	" Thomas Doyle .....	50 00	
	" Kelly & Glassie.....	20 00	
	" Clayton & Sons.....	20 00	
	" John Starr.....	20 00	
	" T. & E. Kenny .....	30 00	
	" H. H. Fuller .....	20 00	
	" Wm. H. Brown .....	20 00	
	" Burns & Murray .....	20 00	
	" D. Broussard.....	20 00	
	" Alderman Duggan .....	5 00	
	" Board of Works, for Material.....	175 00	
	" " " .....	5 00	7005 00
	Balance to Cr.....		<u>\$ 2.76</u>

### TELEPHONE ACCOUNT.

#### *Statement of Expenditure for Telephones, from 1st May, 1892, to 30th April, 1893.*

1892.		
Sep. 4.	Paid N. S. Telephone Co. for Telephones in City Hall, &c. . . . .	\$ 238 55
Nov. 2.	John Starr & Son, repairs.....	7 08
Dec. 21.	Telephone in Aldermen's room .....	12 50
1893.		
Feb. 17.	W. Wilson, use of Telephone to Bedford .....	10 00
		<u>\$ 268 13</u>

**SPECIAL LOAN FOR STEAM FIRE ENGINE, &c.***Statement of Expenditure on account of Special Loan for Fire Purposes (\$15,000).*

1892.			
Oct. 11.	Paid John Byers and others, for Testing Engine.....	\$	13 55
	Jas. M. Foley, for Refreshments.....		6 90
1893.			
Jan. 3.	James Donelly and others, Testing Engine.....		15 75
	G. Morton, hauling Engine.....		8 00
	H. H. Fuller & Co., for Steam Fire Engine.....		4940 00
	E. D. Adams, for Chemical Engine.....		2450 00
	Duties on Apparatus, &c.....		44 20
	Sedley Hardware Co., for Sundries.....		177 30
Feb. 1.	M. Evans, examining Engine.....		10 00
	Jas. Ryan, for Cotton Duck.....		7 15
2.	Murray & Larkins, Testing Engine.....		10 00
	Duty on Fire Apparatus.....		28 00
	M. Murphy, Caretaker.....		13 12
	M. Young, Salary as Engineer.....		16 63
	Jonathan Adams, for 2 horses.....		230 00
	Expenses of Capt. Condon to U. S.....		150 00
Mar. 29.	J. Adams, for 8 horses.....		1000 00
Apr. 27.	DeWolfe & Son, 4 Carriages.....		533 76
	New York Sadlery Co.....		81 50
	C. Myett, Lumber and Work.....		109 76
	A. Stephen & Son, Beds, &c.....		46 05
	J. E. Wilson, Stove and Pipe.....		17 58
	Forsyth, Sutcliffe & Co., for Soda.....		5 60
	H. H. Fuller & Co., Hardware.....		1 60
	Brown & Webb, Sulphur, &c.....		13 38
	Brookfield Bros., Lumber.....		6 26
	M. Murphy, Salary.....		50 00
	Transfer to credit of horse account.....		2000 00
			<u>\$ 11986 09</u>

**LOAN FOR PURCHASE OF PROPERTY, WEST AND MAYNARD STREETS.***Statement of account for purchase of Land in West and Maynard Streets.*

1892.			
May 16.	This amount deposited with S. Holmes, Prothonotary.....	\$	2800 00
Nov. 25.	Paid William Roche, for Land.....		100 00
	Eli Evans, for Fencing.....		407 50
1893.			
Mar. 8.	Blackadar Bros, for Advertising.....		3 26
			<u>\$ 3310 76</u>
	By Special Loan.....		4500 00
	Balance to Cr.....		<u>\$ 1189 24</u>

### REVISORS ELECTORAL LISTS.

#### *Statement of amount paid Revisors Electoral Lists in Civic Year, 1892-93.*

1893.			
Feb. 1.	Paid C. J. McCollough (Clerk).....	\$	25 00
	" " " " .....		22 00
Mar. 15.	J. Taylor, " .....		23 00
	W. A. Rhind, " .....		22 00
	A. McEachern, " .....		20 00
	J. S. Woodill, " .....		34 00
	G. D. Martin, " .....		28 00
	J. R. Crockett, " .....		26 00
		\$	200 00

### POINT PLEASANT PARK.

#### *Statement of Expenditure for Point Pleasant Park during Civic Year 1892-93.*

1892.			
July 12.	Paid R. Ainsley, Cab Hire.....	\$	6 00
Oct. 11.	Commissioners.....		1000 00
Dec. 8.	Chairman, J. Doull .....		994 00
		\$	2000 00

### PUBLIC GARDENS AND COMMON.—Credit Side,

#### *Statement of amounts received for Concerts, Rents, &c., from the Public Gardens and the Common from 1st May, 1892, to 30th April, 1893.*

1892.			
June 14.	By Cash from H. S. Rhind, for Rents.....	\$	100 00
July 14.	" " " " .....		100 00
27.	" Alderman Lane, for Concerts.....		300 00
Aug. 19.	" " " " .....		60 00
Sept. 1.	" " " " .....		100 00
Oct. 5.	" " " " .....		150 00
Nov. 19.	" " " " .....		38 26
1893.			
Feb. 10.	" H. S. Rhind, for Rents.....	\$	55 12
Apr. 30.	1 years Interest on Commutation Fund, \$5508.94 at 6 p.c....		330 54
		\$	1233 92

**CAMP HILL CEMETERY.—Credit Side.**

*Statement of amounts received for Sale of Lots in Camp Hill Cemetery, from 1st May, 1892, to 30th April, 1893.*

1892.					
May	By Cash received from Superintendent for 8 lots.....	\$	64	00	
June	" " " " 20½ "		164	00	
July	" " " " 6 "		48	00	
Aug.	" " " " 8½ "		68	00	
Sept.	" " " " 9½ "		76	00	
Nov.	" " " " 2½ "		20	00	
Dec.	" " " " 4 "		32	00	
1893.					
Mar.	" " " " 3 "		24	00	
Apl.	" " " " 3 "		24	00	
	65 lots at \$8.00...\$		520	00	

**SEWERAGE ACCOUNT.—Credit Side.**

*Statement of amounts, received by the City Collector on Sewerage Account, from 1st May, 1892, to 30th April, 1893.*

1892.					
May 31.	By Rates received from City Collector .....	\$	1180	36	
June 30.	" " " " .....		513	56	
July 27.	" " " " (1891, 2 account).....		3496	83	
	" " " " for July, 1892.....		715	94	
Aug. 25.	Transfer balance North Common Sewer.....		278	83	
31.	Rates from Collector this month.....		1247	78	
Sept. 30.	" " " " .....		442	43	
Oct. 6.	Cash from Board of Works.....		9	00	
31.	Rates, City Collector .....		2061	25	
Nov. 29.	" " " " .....		808	98	
	Cash, " Board of Works.....		767	62	
Dec. 8.	" " " " for old Rates.....		346	10	
31.	Rates from City Collector.....		721	62	
1893.					
Jan. 31.	" " " " .....		356	50	
	Cash from Board of Works.....		434	66	
	" " " " money returned.....		127	95	
Feb. 28.	Rates from City Collector.....		230	51	
Mar. 31.	" " " " .....		1887	34	
Apr. 30.	" " " " .....		385	45	
	Cash from Board of Works.....		83	46	

\$ 21096 17

**HORSES AND DRIVERS ACCOUNT.—Credit Side.**

*Statement of amounts placed to Credit of City Horses account from  
1st May, 1892, to 30th April, 1893.*

1892.			
Oct. 5.	By transfer to debit of Internal Health account .....	\$	1603 60
12.	Cash from Board of Works .....		65 00
	" " " .....		141 20
1893.			
Jan. 4.	Transfer to debit Sewerage account .....		674 84
Feb. 24.	" " " .....		347 03
	" " Paving account .....		232 35
	" " Fuel account .....		92 80
Apl. 21.	" Loan for Fire Purposes .....	2000	00
27.	" debit of Fuel account .....		24 20
	" " Internal Health account .....		161 80
	" " Sewerage account .....		94 23
	" " Streets account .....		500 00
		\$	<u>5937 05</u>

**POOR'S ASYLUM.—Credit Side.**

*Statement of amounts placed to Credit of Poor's Asylum for  
Work, &c., from 1st May, 1892, to 30th April, 1893.*

1892.			
Aug. 10.	By Cash from Chairman for Ellen O'Leary .....	\$	80 00
11.	" Superintendent Flemming .....		358 51
Sept. 1.	" Alderman Allen .....		80 00
Nov. 12.	" J. W. Flemming .....		486 65
1893.			
Jan. 25.	" Board of Works, for Concrete Inverts, &c. ....	4052	07
Feb. 15.	" J. W. Flemming .....		579 54
25.	" B. Mulcahy, Secy .....		300 00
Apl. 29.	Transfer from Street account .....		300 00
		\$	<u>6236 77</u>

**ROCKHEAD PRISON.—Credit Side.**

*Statement of amounts placed to Credit of Rockhead Prison, from  
1st May, 1892, to 30th April, 1893.*

1862.			
Nov. 15.	By this amount Charged to Streets account for Stone. ....	\$	234 86
1893.			
Apl. 27.	" " " " .....		980 67
		\$	<u>1215 53</u>

**LIQUOR LICENSES—Credit Side.***Statement of Monies received for Liquor Licenses from 1st May, 1892, to 30th April, 1893.*

1892.			
May 4.	By Cash received from Inspector Mackassey, paid in 1891, but belonging to 1892 . . . . .	\$	9722 77
	Cash from J. A. Mackassey . . . . .		415 00
June 16.	" . . . . .		50 00
22.	" . . . . .		75 00
27.	" . . . . .		130 00
July 23.	" . . . . .		140 00
Aug. 11.	" . . . . .		137 50
Oct. 28.	" . . . . .		90 00
Dec. 16.	" . . . . .		215 77
		\$	<u>10976 04</u>

**LIQUOR LICENSES.—Contra Account.***Statement of amount paid Inspector and others, from 1st May, 1892, to 30th April, 1893.*

1892.			
May 7.	Paid Inspector Mackassey . . . . .	\$	83 33
June 4.	Theakston & Co. . . . .		23 25
10.	Inspector Mackassey . . . . .		83 33
July 8.	" . . . . .		83 33
Aug. 10.	" . . . . .		83 33
Sept. 6.	" . . . . .		16 18
	A. N. Brennan . . . . .		83 33
Nov. 8.	Inspector Mackassey . . . . .		83 33
Dec. 16.	" . . . . .		83 33
		\$	<u>622 74</u>

**RATES AND TAXES.***Statement of City, School and County Rates collected from 1st May, 1892, to 30th April, 1893.*

1892.			
May.	Paid City Treasurer by Collector Theakston . . . . .	\$11341	25
June.	" . . . . .	15688	54
July.	" . . . . .	13302	95
Aug.	" . . . . .	24750	10
Sept.	" . . . . .	14302	00
Oct.	" . . . . .	16244	50
Nov.	" . . . . .	16781	80
Dec.	" . . . . .	15287	10
	Carried forward . . . . .		\$127698 24



## CITY AUDITOR'S REPORT.

		<i>Brought forward</i> .....	\$ 127698 24
1893.			
Jan.	Paid City Treasurer by Collector Theakston .....	\$22136 00	
Feb.	" " .....	11738 00	
Mar.	" " .....	12558 50	
Apl.	" " .....	7818 50	
			181949 24
1892.			
SCHOOL RATES.			
May.	Paid City Treasurer .....	\$1805 32	
June.	" .....	1575 30	
July.	" .....	5244 40	
Aug.	" .....	9304 22	
Sept.	" .....	5654 40	
Oct.	" .....	6726 33	
Nov.	" .....	7266 45	
Dec.	" .....	6375 10	
1893.			
Jan.	" .....	7650 13	
Feb.	" .....	5051 63	
Mar.	" .....	5379 38	
Apl.	" .....	3327 64	
			65360 30
1892.			
COUNTY RATES.			
May.	Paid City Treasurer .....	\$ 218 64	
June.	" .....	187 77	
July.	" .....	607 65	
Aug.	" .....	1192 77	
Sept.	" .....	655 16	
Oct.	" .....	794 66	
Nov.	" .....	838 91	
Dec.	" .....	734 35	
1893.			
Jan.	" .....	895 67	
Feb.	" .....	586 92	
Mar.	" .....	627 87	
Apl.	" .....	390 90	
			7731 27
Balance of 92-93, uncollected 30th April, 1893.....			\$255040 81
			70466 28
			\$325507 09
Amount of Assessment for 1892-93.....			\$325507 09

*Statement of Taxes uncollected on 1st May, 1893.*

YEAR.	TOTAL AMOUNT ASSESSED.	BALANCE UNCOLLECTED 1ST MAY, 1893.
1889-90 .....	\$268,000 00	\$ 1,736 80
1890-91 .....	290,000 00	5,215 33
1891-92 .....	314,444 45	25,466 99
1892-93 .....	325,507 89	70,466 28

## BOARD OF WORKS REPORT.

BOARD OF COMMISSIONERS OF CITY WORKS, 1892-3.

W. F. PICKERING, *Chairman.*

WM. MCFATRIDGE, *Vice-Chairman.*

GEO. E. BOAK,

C. S. LANE,

WM. DENNIS,

JAS. ADAMS.

W. B. MCNUTT, *Clerk of Works.*

OFFICE OF COMMISSIONERS BOARD OF CITY WORKS,

*Halifax, N. S., April 29th, 1893.*

TO HIS WORSHIP THE MAYOR, AND MEMBERS CITY COUNCIL :

*Gentlemen.*— At the close of the civic year, the end of the term for which the members of the Board of City Works are appointed, it is usual to submit detailed statements and remarks, showing the work carried on during the year. I beg to submit herewith the reports of the officials of the Department, for the year 1892-93:

The Board have endeavored to expend the appropriation under their control in the best interests of the tax-payers.

A perusal of the report of the City Engineer will show that an enormous amount of work was performed in the twelve months. The total amount of the appropriations which the Board were authorized to expend was over \$300,000, every dollar of which, except that used for water maintenance, was expended under a resolution of council.

In the Water Department every effort was made to hasten the work done in connection with the new pipe line, and the Engineer's report shows in detail the work performed to date. When the water was cut off on the high service in November, the importance of the accident, the danger in case of fire, and the inconvenience to citizens was at once realized, and every effort was made to restore the supply as quickly as possible.

It is pleasant to be able to report that the dispute respecting the land lines at the Chain Lakes will probably be settled at an early date.

It was considered advisable that a telephone line should be erected to Spruce Hill Lake, and the work has just been completed.

A change has been made in the fire hydrants by the addition of a suction hose nozzle, which will render them more efficient for fire service.

Nearly two miles of sewers were constructed during the year, and the Board enforced as far as possible the law respecting house connections with the sewers.

The Esplanade contract was completed, and the nuisance formerly complained of has almost ceased to exist.

Plumbing work, particularly in connection with the Water Department, has been carefully supervised by the officials of the Board, and we are able to report that a great improvement has already been made.

In Permanent Pavement a large amount of work was performed during the year, including the paving of Upper Water Street. This work was completed within a very short time, comparatively speaking, as it was prophesied that a portion of the work would be unfinished at Christmas. The work was begun about the first of June, and occupied only three months.

The street appropriation has been expended in Wards III. and IV., under the sole direction of the City Engineer. In the other Wards the work has been performed where directed by the Alderman for the Ward, on the order of the Board. The street improvements are mentioned in the Engineer's report.

A large number of encroachments were removed during the year, at the instance of the Board, especially where concrete sidewalks were being constructed. The Board determined early in the year to do no permanent work until all encroachments were removed.

During the months of February and March the streets on which the street railway track is laid became almost impassable, and a large force was at once employed to remove the snow from the streets to prevent accidents, or injury to persons or property.

A committee of the Board was sent out for the purpose of selecting a market site, but no available site could be found which the committee could recommend to the Council.

In conclusion, I wish to thank the members of the Council and the Board for the courtesy shown me as the head of the Department, and the assistance given me at all times in carrying out the public work of the city entrusted to the management of the Board.

Respectfully submitted,

W. F. PICKERING,

Chairman Board of City Works.

Statement of Expenditures by Board of Works, from 1st May, 1892,  
to 30th April, 1893.

STREETS.

General account .....	\$ 10,844 41
Ward One .....	2,338 22
" Two .....	2,484 12
" Three .....	2,348 35
" Four .....	1,635 75
" Five .....	2,244 18
" Six .....	4,121 11
	<u>\$ 26,016 14</u>

SEWERAGE.

General account .....	\$ 28,649 63
Building Catch-pits .....	3,994 95
Sewer, Cornwallis Street .....	4,912 69
" Sackville .....	425 01
" Maitland .....	4,449 13
" Campbell Road .....	4,368 96
" Rottenburg Street .....	982 75
" outlet Hanover Street .....	51 10
" Tower Road .....	817 26
" Esplanade, Freshwater .....	5,952 70
" Gottingen Street .....	781 09
" Agricola .....	752 57
" Peasant .....	262 43
" Hollis .....	349 99
" Granville .....	61 85
Making Concrete Blocks .....	1,621 42
	<u>\$ 58,428 53</u>

INTERNAL HEALTH.

Paid for labour cleaning catch-pits, and watering streets, removing snow and ice, etc. ....	<u>\$ 16,674 75</u>
--	---------------------

## CITY PROPERTY.

Cost of Repairs to City Buildings .....	\$ 1,040 41
Salaries of Caretakers .....	1,564 00
	<u>\$ 2,604 41</u>

## HORSES AND DRIVERS.

Men's wages, and keep of horses .....	\$ 8,288 01
---------------------------------------	-------------

## PERMANENT PAVING.

On General Account .....	\$ 22,342 73
Paving Hollis Street .....	2,028 24
"    Water .....	8,936 90
"    Granville .....	2,558 88
"    Lockman .....	1 95
"    City Hall Square .....	689 20
"    Cornwallis Street .....	28 05
"    Barrington .....	3,890 74
"    Duke .....	1,154 60
"    Sackville .....	330 59
"    Argyle .....	488 18
"    George .....	247 40
"    South Park .....	603 47
Work on road to Gottingen Street .....	58 82
"    at Crusher shed .....	2,198 77
	<u>\$ 45,558 52</u>

## WATER DEPARTMENT.

Maintenance Account, including \$4037 for cost of meters. .	\$ 29,954 82
Construction .....	8,117 47
New Pipe Line .....	2,157 03
	<u>\$ 40,229 32</u>

## CITY ENGINEER'S REPORT.

## CITY ENGINEER'S DEPARTMENT.

*City Engineer :*

F. W. W. DOANE.

*Assistant City Engineer :*

H. W. JOHNSTON, JR.

*Foreman of Works :*

JOHN McDONALD.

*Foreman of Water Department :*

EWAN MORRISON.

*Plumbing Inspector :*

CLAUDE DONOVAN.

*Meter Inspector :*

JOHN E. BURNS.

*Water Inspector :*

R. W. LONGUEIL.

CITY ENGINEER'S OFFICE, HALIFAX, N. S.,

April 29th 1893.

*To the Chairman of the Board of Commissioners of City Works :*

SIR,—I beg to lay before you the annual report of this department for 1892-93, my second annual report.

## WATER WORKS.

The year just closed has been a busy one in this department, and the work performed was more extensive than usual. The most important work was in connection with the new

## LOW SERVICE

Main to Chain Lakes. Mr. Johnston was employed until late in the year making the necessary surveys and plans, and the specifications for pipes and valves were prepared and tenders invited in January. The tenders received were less than the estimate, as the price of iron was very low and the foundries had little work in hand. We were fortunate in purchasing at the most favorable time, and the cost of the work will be considerably reduced. The pipes are to have turned and bored joints. These joints do not seem to find

favor with engineers on this side of the water, but our experience with the pipes already laid has justified their adoption in future extensions. The contract for cast iron pipes and special castings was awarded to D. Y. Stewart & Co., Glasgow, at \$32.05 per ton of 2000 pounds for turned and bored pipe, \$31.50 per ton for spigot and socket pipe, \$56.10 for special castings with turned and bored joints, and \$49.55 per ton with spigot and socket joints. The quantity included in the contract amounts to about 2500 tons. The duty (\$12.00 a ton) is to be paid by the contractor.

The Glenfield Company, Ltd., Kilmarnock, Scotland, were awarded the contract for valves, to be delivered free of all charges at the Cotton Factory Siding. Their tender, which was the lowest, was for

27 inch valves	£51 — 10 — 6	each.
24 " "	41 — 0 — 0	" "
20 " "	23 — 12 — 6	" "
15 " "	12 — 0 — 0	" "
12 " "	7 — 15 — 0	" "
9 " "	4 — 18 — 0	" "
6 " "	2 — 14 — 0	" "

The 27 and 24 inch valves are to be constructed to lie on their side.

Mr. Ewan Morrison, Foreman of the Department, was sent to Scotland to inspect the pipes and superintend the manufacture and shipment. It was claimed at the time that no inspection was necessary on the other side, and that the pipes could be inspected more economically after their arrival in Halifax. However, on the recommendation of your Engineer, Mr. Morrison was sent, and on his arrival at the foundry showed at once the value of his services to the City and the necessity for inspection, by condemning all the pipes then cast. The expenditure of a few hundred dollars in inspection will save as many thousands that must have been paid out after the delivery of the pipes. The first shipment of pipes is now on the way, amounting to about 400 tons. The right of way for the main is being acquired, and at the same time a piece of land for storage of pipes, &c., is being expropriated opposite the Paint Factory.

The contract for the diversion of the  
ROAD AT CHAIN LAKES

was awarded to Jas. W. McDonald, for \$4339, and the work is now going on. This diversion was recommended as a part of the proposed improvement in the water supply, as the entire accumulations

of winter are washed from the road almost directly into the intake, and the proximity of the road to the Lakes is largely responsible for any impurity in the water. The proposed dam near the Cutlery Factory will be constructed across the old road, and will flood that portion of it along the shore of Lower Chain Lake. It would therefore be necessary to divert the road in order to complete the new work.

It was at one time proposed to divert the 15 inch

#### HIGH SERVICE MAIN

along the new road; but after carefully considering the estimates, a much more economical plan was adopted. A contract has been made for straps of angle iron, and each joint of the main will be uncovered and the pipe thoroughly tested. The straps will then be securely clamped over the joint, preventing the forcing out of the staves. The expense will be very little compared with the cost of laying a mile and a half of new main.

#### THE MILL OWNERS' CLAIMS

have received attention, and steps are now being taken to appraise them for the purpose of ascertaining whether it would be advisable to acquire the rights or to continue to let down the quantity of water they are entitled to receive. It is important that a valuation should be made before any change is made in the head works, as the result of the appraisalment may affect the scheme for improvement.

One of the most important works to be undertaken in connection with the increase in supply, was the strengthening and raising of

#### NICKERSON'S DAM.

This structure, the largest and most important in connection with the water service, was raised in 1877 about four feet, but was left in an unfinished condition. The face of the dam was weak and the strengthening of the whole lake face of the work was strongly urged in connection with the proposed improvement in the service. About 5000 cubic yards of the best material that could be obtained in the neighbourhood for that purpose was placed along the inner face and the dam was raised about two feet, and a granite wall and coping carried up to protect it. A small expenditure will enable us to raise Long Lake, if necessary, one foot.



## CLEANING LAKES AND MAINS.

The settling basins were thoroughly cleaned, as in 1891, and the work of grubbing and cleaning the shores of Upper and Lower Chain Lakes was completed. The Kennedy-Keating scraper was passed through the 24 inch main from the Lake to St. Andrew's Cross.

## LAND LINES AND BOUNDARIES.

The lines of Lots 10, 11 and 12 have always been in dispute, and before flooding more land it was necessary to determine the correct boundaries and lines of City property at the Lakes. The following letter was sent to all the property owners interested :

*Sept. 20th, 1892.*

DEAR SIR,—I am desirous of settling, if possible, the lines of lots 10, 11 and 12, Dutch Village Lots, so that we may be in a position to locate the land owned by the City. I think some amicable arrangement could be made for establishing the lines without resort to the courts, and take the liberty of suggesting a scheme for your consideration.

I would propose that the property owners interested, including the City of Halifax, agree on a Crown Land Surveyor or Engineer, who shall be a totally disinterested man. That he shall run out the lines of lots 10, 11 and 12, and establish them from such information as he can obtain. That any or all of the property owners, or their authorized representatives, may accompany him, and that each property owner shall receive due notice before any lines are run.

That after the lines are run by the Surveyor or Engineer, agreed upon by the property owners, an Act shall be passed establishing the lines laid down by such Surveyor.

The City of Halifax proposes to pay all expenses, and if an agreement can be made will guarantee the expenditure.

If this meets with your approval, or if you will suggest any alteration or any different arrangement, I would like to hear from you at your earliest convenience. If the property owners are favorable, I will endeavor to have a meeting of those interested as soon as possible.

Yours truly,

(Sgd.—)

F. W. W. DOANE.

*City Engineer.*

A favorable reply was received from all the owners but Mr. John Umlah, who refused to sign the following agreement :—

THIS AGREEMENT, made this Third day of February, in the year of our Lord One Thousand Eight Hundred and Ninety Three, between, The City of Halifax, a Municipal Corporation, hereinafter called the City, of the one part, and the other parties hereto, hereinafter called the "parties of the second part,"

WHEREAS, disputes have arisen between the said "City" and the "parties of the second part" as to the boundary line between lots number ten, eleven and twelve, known as the Dutch Village lots, and it is very desirable to have the same ascertained and settled, and the parties hereto for that purpose have agreed that a Crown Land Surveyor or Engineer, not in any way interested, shall be mutually appointed by the parties for the purpose of ascertaining as far as possible from old grants, plans, or other information, and from actual survey, the boundaries of said lots.

NOW THIS AGREEMENT WITNESSETH, that the said "City" and the said parties hereto of the second part, agree that the said Surveyor or Engineer shall make a survey of said lots from the best information he can obtain and make a plan of the same, showing the boundaries, courses and distances of said lots so established by him, and shall file said plan in the office of the City Engineer of the City of Halifax, duly certified by him, the said Surveyor or Engineer; that after said plan of such survey and the boundary lines shown thereon have been established by him they shall be taken as the boundary lines of said lots for all time hereafter; and the respective parties shall hold their lots according to the boundary lines so established and shown on plan.

And the said Surveyor or Engineer, so appointed, shall, if he thinks it necessary, erect and establish such permanent monuments or marks for the purpose of the better showing of said boundaries on the ground.

And it is further agreed that the services of such Surveyor or Engineer so appointed, as well as any other expense connected with said survey and the erection of such monuments, shall be paid by said City.

And it is further agreed that after said plan is so filed aforesaid the City may, if it thinks necessary and proper, apply to the

Legislature for the purpose of obtaining an Act of such Legislature establishing and confirming said boundaries.

IN WITNESS WHEREOF, the parties to these presents have hereunto set their hands and seals the day and year first above written.

(Sgd.—)

W. F. PICKERING,

*Chairman City Board of Works.*

JOHN MILSOM,

GEO. PIERS,

CHAS. NICKERSON,

A. MACKINLAY,

*Executor Estate of late A. K. MacKinlay.*

JOHN DOULL.

Signed, sealed and delivered }  
in the presence of }

H. W. JOHNSTON, JR.

After the above agreement was signed by the owners, including the Chairman, who was authorized to act for your Honorable Board in this matter, a meeting was called and Mr. F. W. Christie was appointed to do the work.

(Copy.) We hereby agree to and nominate F. W. Christie, the Surveyor referred to in the within agreement, as the person to act thereunder.

Dated April 18th, A. D. 1893.

(Sgd.—)

W. F. PICKERING,

*Chairman B. of C. Works.*

JOHN MILSOM,

GEO. PIERS,

CHARLES NICKERSON,

A. MACKINLAY, *Executor.*

JOHN DOULL.

Witness:

H. W. JOHNSTON, JR.

When Mr. Christie completes his work the lines and boundaries will be marked with permanent monuments, and the disputed claims finally settled. The expense to the city for Mr. Christie's services will be very small indeed compared with the probable cost of contesting the different claims in the courts.

## HIGH SERVICE.

The work on the dams at Spruce Hill Lakes was continued during the summer, and at the close of the season all of the granite facing had been completed, except a part of the middle dam, and the top of each dam raised to the new coping. The workmanship reflects credit on the Foreman, under whose supervision it was performed, and the structures now present a neat and trim appearance more creditable to the Corporation.

## CLEANING MAIN.

The water mains should be cleaned at least once in every year. The inside of old pipes become covered with a heavy incrustation of oxide of iron which reduces the internal diameter of the pipes, and consequently the capacity. Many who are aware that the first mile of pipe laid from Spruce Hill Lake is 20 inches in diameter, suppose that it would deliver more water than the 15 inch main with which it connects. Such is not the case, however, for the first mile is level and the pipe has very little fall, while the 15 inch pipe falls rapidly. The smaller pipe, in consequence of the heavier grade, is capable of delivering as much water as the larger, and it is necessary to clean both pipes in order to increase the discharging power of the mains. The 15 inch pipe has been cleaned every year since 1881 with a self-propelling mechanical scraper, but only once since that date, viz., in 1885, has the oxidation been removed from the 20 inch pipe. After the incrustation has been once removed the succeeding formations become tougher and the resistance to the scraper greater. It was expected that there would be some difficulty in forcing the scraper through after a rest of seven years, and the first attempt was made through the pipe from the gate house to the hatch box at the old screen chamber, a distance of about 100 yards. The work was begun on Thursday, November 3rd, at 9.30 A.M. A coil of stout rope had been provided and was floated through the pipe so that the scraper could be pulled out at the hatch box, if it should stop. This precaution was unnecessary, however, as it went through without any difficulty. It was again inserted and started for the run of one mile and a quarter to the junction with the 15 inch pipe. It had only gone about one hundred yards when it stopped short, but in a few minutes made another short run and stuck solid. No. 1 Steam Fire Engine was sent out from the city and succeeded, with the aid of water rams from the gate house, in forcing the scraper to the foot of the grade, 2200 feet from the dam, and about one hundred yards up the grade

to the edge of the bog, but at this point so much water had gathered ahead of it on the up grade that the pressure behind could not overcome the resistance, and it stopped again and could not be dislodged. The pipe falls for nearly half a mile after leaving the dam and then rises for half a mile to Scotch Hill, where it is only twelve feet below the level of the water in Spruce Hill Lake on November 3rd. It was about daylight on Friday the 4th, when the scraper stopped altogether, and the men were at once put at work to uncover the joints, in order to discover, if possible, the exact location of the machine. Its progress had been so slow that it could not be followed by the usual rumbling noise. The joints were opened along a quarter of a mile of pipe and the pressure tested, but it was not until daylight on Saturday morning that the supposed location was discovered. The pipe was immediately cut, but the hammering worked the scraper ahead, as the water had not been turned off, although when the pipe was separated it showed no signs of cleaning. This naturally led to the conclusion that it had not passed, and a long line of half-inch pipe was run back into the main, but meeting with no obstruction it was withdrawn, and a bag of hay which filled the pipe was inserted at the gate house and the water turned on. When the water had subsided after being turned off the bag of hay was found intact at the spot where the pipe had been cut, and one of the men crawling into the pipe beyond the opening with a lantern discovered the truant. As the scraper could not be withdrawn and the pipe connected until after midnight, it was decided, after consultation with the Chairman who was on the spot, to clean the 15 inch pipe. It was with some anxiety that the scraper was started at 3.30 a. m., but it travelled more rapidly than ever before, making the run of 29,500 feet to St. Andrew's Cross in about one hour and three quarters; and before the house-holders on the high service required it Sunday morning, water was again running freely from the taps.

I cannot omit to mention in this connection the Foreman and his two assistants, Dan McLean and Frank McNeil, who worked incessantly for three days and three nights, refusing to be relieved, that others might complete what they had undertaken.

During the three days of water famine the Low Service was turned on in such districts as it would supply, and those who could not be reached by the low service were supplied by watering carts ordered out by the Chairman.

Profiting by experience, precautions are being taken to prevent a repetition of the trouble in future. A similar accident happened

in 1881, when the 15 inch scraper stuck fast in the main near the head of the Arm and had to be cut out.

One of the chief causes of the delay in connection with the removal of the scraper was the distance of the High Service head works from the City, and the consequent necessity of driving nine or ten miles whenever supplies, tools, or assistance were required. This matter was reported at the next meeting of your honorable Board, and authority was immediately given for the construction of a telephone line to Spruce Hill Lake. The poles were purchased by tender and contract and erected by sub-foreman John McAskill. The wiring was done by the Nova Scotia Telephone Company, who have agreed to supply the wires and instrument, and keep the line in repair for fifty dollars a year. The first message was sent over the line by the Chairman on the 27th instant. An intermediate station was established near the hatch box at the junction of the 20 and 15 inch pipes, which can be utilized by means of a portable instrument.

In reporting on the new main I stated that the "High Service" would not be completed until a storage reservoir is constructed in the City, capable of containing several days' supply. When the water is turned off now there is great danger of a fire gaining headway before the pipes could be filled again, and the result of any accident to dams or pipes cutting off the supply would be serious.

The danger from fire could be appreciated by every intelligent citizen while the supply was cut off, and the necessity for the construction of a storage reservoir in the City has been forcibly demonstrated. It is most fortunate that there were no fires in the district from which the water was shut off.

#### GENERAL.

During the month of January frequent complaints were made of low pressure, and as the weather became colder the water would not rise above the first floor in many houses, and in others fell away altogether. It was at first supposed that there were large leaks somewhere in the mains, and the whole supply and distribution system was thoroughly tested, but only one leak could be discovered that would affect the pressure. This was stopped, but the pressure continued to decrease until the low service could not supply the district controlled by it, and we were obliged to let down the high service twice a day. This unsatisfactory state of the works is due entirely to the excessive waste of water in private premises in cold

weather. The waste becomes necessary in consequence of the manner in which the water plumbing has been put in, without any supervision or inspection. During the past year the water has not been turned on to new buildings until the Plumbing Inspector gave a certificate that the plumbing was according to the City requirements and properly protected from frost. The three inspectors were constantly employed during January and February visiting premises where waste usually occurs, and the water was turned off from many houses and remained off until April. Since the first of April, as the weather became warmer, the pressure has improved, and the service has now returned to its normal summer condition.

There were four fire hydrants put down during the year, making the total 355, and 14 old hydrants taken up and replaced with improved hydrants protected by frost jackets. It is very difficult to prevent the old hydrants from freezing when set in brick or stone manholes with cast iron covers, and they will be removed as rapidly as possible. Another improvement made in the fire hydrants during the last year was the addition of a suction hose nozzle. The diameter of the suction hose used by our fire engines is  $4\frac{1}{2}$  inches, while the diameter of the fire hose is  $2\frac{1}{2}$  inches. It was therefore necessary to use a gooseneck reducing coupling in connecting a fire engine to a hydrant. The new hydrants have the two small nozzles as usual for connecting the fire hose, and a large connection for the suction hose, so that the steamers may get the benefit of the full capacity of the hydrants.

The reference measurements to many of the service stop cocks were found to be incorrect or imperfectly recorded, causing loss of time and damage to the streets. Wherever sewers are constructed near the water mains the stand pipes are disturbed, and the location changed. A thorough examination and readjustment of all the measurements was begun early in the summer, and in future when sewer excavations are made near a water pipe the reference measurements will be again checked.

Last year I reported that a complete plan of the distribution had been made, showing the size of all pipes and the location of all valves and hydrants. Owing to the absence of any complete or correct plan of the water works, we were unable to include details of hatch boxes, junctions, crossings, and other connections where the pipes are complicated. Much delay and inconvenience would be avoided in dealing with matters arising daily, if records and plans of all works had been filed at this office. It would be in the City's interest to employ an Engineer to prepare these plans properly.

The work cannot be overtaken by our present staff. In making plans for the change in distribution for the new main we were obliged to uncover the pipes in some places in order to get data which we should be able to obtain without leaving the office.

There were 40 meters in use at the close of last year. The total number now in use is 73 varying in size from  $\frac{1}{2}$  inch to 6 inch. The result of the use of meters has been very satisfactory. The first six months usually shows a large consumption and the bill is objected to. The bill for the next six months shows considerable reduction, as the water taker is not anxious to pay for waste, and is careful to confine the use of water to legitimate purposes, when he realizes that the size of his bill depends on the care he exercises and the condition of his plumbing.

Meters placed on the service pipes of the "Ladies' College" showed an enormous consumption, which was largely due to waste from defective closets and leaky plumbing work. During one night when every precaution was taken to close closets, &c., and no taps were opened, the waste amounted to over one thousand gallons. Efforts are now being made by the authorities of the College to place the plumbing in good order so that waste may be prevented.

At T. & E. Kenny's warehouse a waste of from 5000 to 7000 gallons a day was discovered, which in the absence of a meter would have continued for months.

At Conlon Bros. stables 76,000 gallons were consumed in February, while the average amount used in the same place last summer was less than 4,000 gallons a month. At King's stables the average consumption last summer was 1100 gallons a day. Since the first bill was sent out the average quantity passing through the meter is 494 gallons a day. Several meters have been tested at the request of property owners, and in all but one instance they have been very accurate. Any defect so far discovered is decidedly in favor of the water taker. A number of meters were frozen this winter, and steps will be taken immediately to protect them from future frosts.

The number of lineal feet of cast iron distribution mains laid during the year was 2224

The old 2 inch pipe on Annandale Street was replaced by 6 inch pipe, and the old 2 inch pipe across the end of Letson's Lane was replaced by 3 inch pipe. The 4 inch pipe at the foot of George St. was taken up and 6 inch pipe laid to the City Wharf where a water motor was placed to supply salt water for the street sprinklers.