DUET—CARTWRIGHT AND JONATHAN.

[From Grip.]

CARTWRIGHT.

It just takes me to run the thing.

JONATHAN.

Old boss, I guess it do.
And when you down the textile bring,
It runs in my way to.

CARTWRIGHT.

Free Trade's Apostle, comting as,
In me you now behold.

JONATHAN.

Which 'pestle?—Judas 'twas, I swan,
As all his bosses sold.

CARTWRIGHT.

Ha, how I made the duty spin!
Now oil comes almost free.

JONATHAN.

Take, now your lie well narvise kin
Come down and bore for me.

CARTWRIGHT.

On tea have I, spite of their fuss,
Increased the duty too.

JONATHAN.

Right smart advertisement for me—
We take it free right through.

CARTWRIGHT.

Yes, yes, I do congratulate
Myself on what I've done.
No doubt some honors will await—
I must have something won.

JONATHAN.

If you get rich, I calkilate
They'll came 'cross from our side.
If you kin's Annexation straight,
Taint cause you hav'nt tried.

ST. JOHN WATER AND SEWERAGE.

ENGINEER MURDOCH'S "PROVISIONAL REPORT ON THE SEWERAGE AND WATER EXTENSIONS OF 1876."

Office Engineer and Supt. Sewerage & Water Works,
Saint John, N. B., March 12th, 1877.

EDWARD B. LOCKHART, Esq.,
Chairman Commissioners Sewerage and Water Supply.

DEAR SIR,

The following report shews briefly the amount of work done during the year 1876, in connection with the sewerage and water supply of Saint John and Portland, as well as the extent and state of each at the present time.

SEWERAGE WORK.

The sewerage extensions of the past year embraced the making of twelve thousand six hundred and twenty-seven (12,627) feet of new sewers, the building of one hundred and four (104) man-holes, the placing of twenty-one (21) catch basins, and about two hundred and eighty (280) feet of repairs to old sewers, the particulars of which are as follows, viz:—

NEW SEWERS.

City Road, Aboideau to Dorchester Street, - - - -	3,137 feet.
Mecklenburg Street, extension Eastward,	63 "
St. James Street, between Prince William and Germain Streets, -	355 "
Sewell Street, between Pond and Cobourg Streets, - - - -	900 "
Pond Street, between Sewell and George Streets, - - - -	195 " "
Charlotte Street, between Main and King Streets, - - - -	3,673 "
Canterbury Street, between Church and Princess Streets, - - -	262 "
Brittain Street, between Charlotte and Sydney Streets, - - -	258 "
Lower Cove outfall at Peters' Tannery,	27 "
Exmouth Street, between Brunswick and Summer Streets, - - -	546 "
Harding Street, between Charlotte and Water Courses, - - -	237 "
Harding Street, Sub Sewer, - - -	180 "
Blair Street, City Road southward,	125 "
Garden Street, " " "	477 "
Sheffield Street, Charlotte Street eastward, - - - -	1,050 "
White Street, Waterloo Street northward,	335 "
Main Street, Charlotte Street eastward,	1,312 "
Middle Street, (MacAulay's Alley,)	290 "
Prince William Street, south St. James Street, - - - - -	158 "
Total	12,627 feet.

Four thousand six hundred and seven (4607) feet of the above is made of red pine timber, the inside size of sewer being 36x18 inches. Three thousand two hundred and ten (3210) feet of 15 inch stoneware pipe. Four thousand and thirty (4030) feet of 12 inch pipe. Two hundred and eighty (280) feet of 9 inch pipe, and five hundred (556) feet of dual. The latter is laid in Pond, Blair and Harding Streets, and is temporary only.

Most of the digging in connection with the above named extensions was hard and heavy, and about one half of the whole was in rock. The maximum depth of cutting was 29 feet and the average about 9½ feet.

CATCH BASINS.

The new catch basins are placed as follows:—

Waterloo and Paddock streets; St. James and Germain streets; Waterloo and Cliff streets; Orange and Wentworth streets; Germain and St. James streets; Germain and Church streets; St. James West line Sydney street; Charlotte and New Market streets; St. James East line Sydney street; Princess N. W. cor. Pitt street; Brittain street, opposite Slip; Germain, N. W. cor. St. James street; Sewell, corner of Pond street; Garden street, S. E. cor. City Road; City Road, S. E. cor. Garden street; Garden street, S. W. cor. City Road; City Road, S. W. cor. Blair street; Sheffield, S. E. cor. Sydney street; Orange street, East end at Shore; Charlotte street, Queen Square; Charlotte street, N. W. cor. Queen street.

The whole number of gullies and basins in use at present, for the interception of surface water, is two hundred and seventy-six (276), all of which have been frequently inspected during the year, and relieved of the dirt and debris they had collected. About seven hundred and fifty-three loads of street washings were intercepted and removed in this way during the spring and summer seasons.

RELIEF LENGTH OF NEW SEWER.

The entire length of new sewer made by the Commissioners, since date of transfer, measures fifty thousand two hundred and fifty-eight (50,258) feet, as follows:—

Made in	Size.	Length.	Total Length.
1868	48x27 inches.	1,088 feet.	
	31x12 "	54 "	1,142 feet.
1869	48x27 "	877 feet.	
	48x36 "	488 "	
	37x18 "	35 "	
	36x18 "	60 "	
	34x18 "	54 "	
	12 inch pipe	875 "	2,388 "
1867	36x20 inches.	1,370 feet.	
	18 inch pipe.	76 "	
	16 " "	570 "	
	12 " "	1,309 "	
	9 " "	314 "	4,039 "
1869	36x18 inches.	453 feet.	
	30x18 "	258 "	
	36x18 "	359 "	
	36x18 "	681 "	
	15 inch pipe.	938 "	
	12 " "	723 "	
	9 " "	446 "	3,858 "
1869	36x18 inches.	1,066 feet.	
	36x16 "	212 "	
	15 inch pipe.	98 "	
	12 " "	2,422 "	
	9 " "	416 "	4,143 "
1870	36x18 inches.	103 feet.	
	30x16 "	212 "	
	12 inch pipe.	1,148 "	
	9 " "	182 "	1,645 "
1871	36x18 inches.	50 feet.	
	36x18 "	50 "	
	31x18 "	245 "	
	30x20 "	44 "	
	12 inch pipe.	890 "	
	9 " "	635 "	
	6 " "	95 "	1,959 "
1872	42x24 inches.	100 feet.	
	39x18 "	360 "	
	36x18 "	1,273 "	
	15 inch pipe.	270 "	
	12 " "	835 "	
	9 " "	240 "	3,078 "
1873	36x21 inches.	194 feet.	
	36x18 "	85 "	
	15 inch pipe.	1,750 "	
	12 " "	2,248 "	
	9 " "	110 "	4,387 "
1874	36x21 inches.	621 feet.	
	36x18 "	135 "	
	15 inch pipe.	1,311 "	
	12 " "	1,544 "	
	9 " "	851 "	4,462 "
1876	36x18 inches.	1,944 "	
	15 inch pipe.	900 "	
	12 " "	3,566 "	6,410 "
1876	36x20 inches.	63 feet.	
	36x18 "	4,544 "	
	18x14 "	195 "	
	14x14 "	180 "	
	15x12 "	125 "	
	15 inch pipe.	3,210 "	
	12 " "	4,030 "	
	9 " "	280 "	12,627 "

Total length of new sewer, 50,258 feet.

The above does not include drains leading from gullies or catch basins, but is confined exclusively to public sewers proper.

The usual semi-annual inspection shewed the whole of the fifty thousand two hundred and fifty-eight feet of new sewer to be self-cleansing, and free, therefore, from offensive odor. Any trouble experienced in this way has been in connection with old sewers, laid many years ago, when sound sewerage principles were but little understood.

The inspections are made by passing through such sewers as are sufficiently large for this purpose, and when this cannot be done, the internal condition of the sewer is ascertained from contiguous man-holes. The latter are placed at short distances apart, with a view to inspection, and when the pipe is clean and properly graded, a light or lamp placed in one man-hole, in a line with the axis of the pipe, is easily seen from the other.

REPAIRS TO OLD SEWERS.

The repairs of 1876, as already stated, measured two hundred and eighty feet, and were mainly caused by the decay of siding and covering. This is the smallest amount of repairs yet required in one year, and the probability is, with the extension of new sewers, it will be still further reduced.

WATER EXTENSIONS.

The water extensions of the past year embraced the laying of thirteen thousand six hundred and fifty-four (13,654) feet of main pipe, four thousand four hundred and twenty-two (4,422) feet of service pipe, and the placing of ten (10) new fire plugs; of the excavation required for these extensions one third fully was in rock. The greater part of the new main laid is in furtherance of the plan suggested in 1874, for improving the fire service of St. John and Portland.

The streets in which new mains are laid, with the length and size of each, are shewn below:—

	Where Laid	Size.	Length.
City.	Middle St., McAnlay's Alley, -	4 in.	140 ft.
	Garden St., lower end - - -	"	180 "
	Fire Plugs, - - -	"	108 "
	Pagan Place, - -	"	54 "
Portland.	Marble Street, - -	"	550 ft.
	Fire Plugs, - - -	"	89 "
			639 "
City.	Dorchester St., between Sewell and Carleton, - -	6 "	230 ft.
	Main St., between Charl'te and Sydney, - - - -	"	400 "
	Blair St., between City Road, southward, - - - -	"	134 "
	White St., Waterloo northward, - -	"	300 "
	Sheffield St., Charlotte, eastward,	"	1,050 "
	Middle St., Brussels, northward, - -	"	160 "
	Sewell St., between Pond and Dorchester Streets,	"	620 "
	Princess St. betw'n Canterbury and Germain, - -	"	18 "
			2,912 "
Portland.	Metcalf St., 10 inch main westward,		300 ft.
	Charles St., betw'n Sheriff and Portland Streets, - -	"	412 "
	High St., between Portland and Simond Streets, - -	"	235 "
			947 "
City.	Main St., Sydney St. eastward, - -	8 in.	920 "
	Britain St., west of pipe laid 1875, - -	"	27 "
City.	Charlotte, between Main and Duke Streets, - - -	10 in.	1,590 ft.
	St. James, between Prince Wm. and Germain, - - -	"	290 "
	BritainSt., Char'tte St., eastward, - -	"	125 "
			2,005 "
Portland.	Metcalf St., Adelaide St., westward, - -	"	312 ft.
			312 "
City.	Charlotte, between King and Duke Streets, - - -	12 in.	1,050 "
			1,050 "
Portland.	City Road, Aboideau to Dorchester, - - - -	15 in.	3,240 ft.
	Dorchester St., City Road to Paradise Row, - - - -	"	387 "
	Paradise Row, Dorchester to Southward, - - -	"	733 "
			4,360 "
	Total, - - - -		13,654 ft.

SERVICE PIPES.

The service pipes laid during the year numbered one hundred and fifty (150), and the length of pipe in connection therewith measured four thousand four hundred and twenty-two feet. Lead pipe used for service supply and two thousand and fifty-seven feet was half inch, two thousand one hundred and twenty-seven feet five-eighth, and two hundred and thirty-eight feet three-quarter inch diameter. The total number of service pipes now laid is two thousand nine hundred and ninety (2,990), representing in the aggregate eighty-five thousand four hundred and twenty-six (85,426) feet of pipe, varying from half an inch to three inches in diameter.

STOP COCKS.

There was used in connection with the main pipe fourteen (14) three inch stop cocks; twenty-three (23) four inch ones; fifteen six inch ones; four eight-inch ones: five ten-inch ones; seven twelve inch ones and two fifteen-inch ones. These make the whole number of stop cocks (main and service) attached to the works, and require daily supervision, three thousand five hundred and ninety-two (3,592). They are all at present in good working order.

FREE HYDRANTS.

No addition has been made to these hydrants during the year, and the total number now in use is seventy (70), forty-nine (49) of which are in the city, and twenty-one (21) in Portland. The usual complaints continue to be made, and notwithstanding their acknowledged benefit to the poor, many of them have had to be shut off since the winter set in to avoid litigation for alleged damage to person and property.

FIRE PLUGS.

The new fire plugs set up in the city during the year 1876 were placed as follows, viz,:—One on City Road, nearly opposite Fairbanks' factory; one ditto, nearly opposite Campbell & Fowler's; one on Germain street, near new market, and one in Canterbury street, near old Post Office. Two of the Portland plugs were placed on the City Road; two on Metcalf street; one on Charles and Sheriff streets, and one lower end of Marble street.

The fire plugs in the city at present number one hundred and sixty-eight (168), and in Portland ninety-three (93), making a total of two hundred and sixty-one (261). Stop cocks are being placed, whenever opportunity offers, on the pipes leading to the plugs, so that, in case of accident, during a fire, or at any other time, either can be shut off without interfering with the others. The number at present supplied with stop cocks, in the city, is sixty-five (65), and in Portland forty-one (41).

The plugs recently placed on the City Road are connected to the new fifteen-inch pipe. By this arrangement the shutting off of either mains does not deprive the property of protection altogether, as was necessarily the case before the second main was laid. And with the plugs at the railway station and Paradise Row, duplicate connection have been made by which, through an adjustment of stop cocks, water can be drawn from either or both mains, as occasion may require.

The usual daily inspections have been made since the winter set in—the city and Portland having been divided into three districts. All thawing and necessary repairs have been made without delay, and it is pleasant to note on this, as on former occasions, that at no time during the year has a plug been required and found out of order or unfit for use.

METERS.

Seventeen (17) meters were placed during the year, and the total number now at work is fifty-eight (58). Some of these are experimental only, having been placed by a desire to obtain, as correctly as possible, the consumption on particular premises, as well as the relative consumption of one place with another under similar circumstances. Many of the readings are taken weekly (for facility of comparison), and all of them quarterly. The sum of last year's indications show a consumption of 33,930,433 gallons. The results in some cases showed gross neglect, if not wilful waste, and demonstrate the difficulties that beset the maintenance of a "constant supply" system here and everywhere else. Every meter is tested before being placed, and as often as a doubt is expressed of accuracy, by the user; the desire being to remove, if possible, any ground of complaint or suspicion.

TOTAL PIPAGE.

The combined length of piping connected with the water supply of St. John and Portland, at the present time, measures three hundred and six thousand six hundred and sixty-two (306,662) feet, as follows:—

24 in. Leading Main, to city, - -	Reservoir	46,000 ft.	
15 " Distribut'g Main,	St. John,	4,150 ft.	
15 " " "	Portland,	4,360 "	
			8,510 "
12 " Leading Main, - -		23,000 ft.	
12 " Distribut'g Main,	St. John,	13,390 "	
12 " " "	Portland,	11,197 "	
			47,587 "
10 " Distribut'g Main,	St. John,	6,755 ft.	
10 " " "	Portland,	2,151 "	
			8,806 "
8 " Distribut'g Main,	St. John,	4,914 ft.	
8 " " "	Portland,	7,549 "	
			12,463 "
6 " Distribut'g Main,	St. John,	39,567 ft.	
6 " " "	Portland,	11,679 "	
			51,246 "
4 " Distribut'g Main,	St. John,	31,956 ft.	
4 " " "	Portland,	7,239 "	
			39,195 "
3 " Distribut'g Main,	St. John,	5,155 ft.	
3 " " "	Portland,	158 "	
			5,313 "
2 " Distribut'g Main,	St. John,	650 ft.	
			650 "
Total Main Pipe, -		219,670 "	
Service pipe, ½ in. to 3 in. diameter,		85,426 "	
Free Hydrants, -		1,366 "	
Whole length of piping, -		306,662 "	

LEAKAGE.

Seventy-one (71) leaks were reported in connection with this piping during 1876, ten of which belonged to twenty-four inch pipe, one to fifteen-inch, one to twelve-inch, two to six-inch, nine to four-inch, one to three-inch, and forty-seven to service pipes. The causes which led to this leakage were of the usual character, and many of those connected with service pipes belonging to sewerage work and unavoidable. The length of digging connected with the leakage repairs of the year measured seven hundred and forty-one (741) feet.

WATER SUPPLY.

The supply of water has been constant and good during the whole year, but the increased consumption and and winter waste are beginning to tell on the higher districts. No serious complaints have been made as yet in regard to this, but, at the present rate of increase, the time is not far distant when they will be heard as of old, unless some means can be devised to prevent reckless waste, which seems hopeless with a constant supply in a climate like ours.

Inspections continue to be made periodically, particularly of fittings in exposed positions, and it is no uncommon thing to find water running at the rate of two thousand to ten thousand gallons and upwards per day, under the old pretext "to keep from freezing." In all cases of discovered or reported waste, immediate steps are taken for its suppression, but, as no money penalty is imposed by law for delinquencies of this sort, it is often difficult to get people to do what is right, and sometimes impossible without shutting off altogether, which is always an unpleasant duty.

OUTSIDE OF THE CITY.

The works outside of the city are in good order. At Lake Latimer a new sluice and gate-well have been constructed in place of the old one put down by the old Water Company in 1850. Both sluice and gate-well are made of pine timber closely jointed and securely bolted together. The gate-well is 9 feet deep, 8 feet long and 5 feet wide. Stop planks are placed at the upper end and a gate at the lower end to regulate the inward and outward flow from the lake. The sluice is 387 feet long; has a sectional area of 576 square inches, and a bottom fall of 0.25 per cent. Gate-well and sluice are placed 15 inches lower than the old ones; a change which will allow an extra 67,800,000 gallons to be taken from the lake for consumption purposes.

The waste way at Little River Reservoir, from the overfall downward to the river, has been graded and paved from bank to bank with boulder stones, collected from neighboring fields and farms, during the preceding winter. About 2000 loads were used in this work. The length of channel paved is 400 feet and average width 81 feet.

PROPOSED SEWERAGE EXTENSIONS.

The proposed sewerage extensions of the coming season measure approximately about fourteen thousand one hundred (14,100) feet, and embrace the following streets, viz.:

Britain street, between Peters' Tannery and Wentworth street, - - -	1,100 feet.
Sydney street, between Sydney Sheffield streets, - - - -	St. James and 750 "
Sydney street, between Mecklenburg streets, - - -	St. James and 950 "
Pitt St., between Sheffield and Pitt street, between Princess street and Elliott Row, - - - -	Duke Sts., 1,500 "
Paddock street, between Cobourg streets, - - - -	Waterloo and 800 "
Cliff street, between Cobourg streets, - - - -	Waterloo and 600 "
King Square, south side, - - -	350 "
Hazen street, between Cobourg streets, - - - -	Garden and 600 "
Garden street, between Cobourg streets, - - -	Hazen and 350 "
King St., (both sides) between Wm. and Charlotte streets, -	Prince 1,900 "
St. James street, between Germain streets, - - -	Charlotte and 500 "
Union street, between Chapman's, - - - -	Smyth street and 700 "
St. David street, Courtney street, Smith's, to shore, - - -	*via* 650 "
Hanover street, between Brussels street, - - -	Erin and 300 "
Pond street back drainage, Mill to Dorchester streets, - - -	1,650 "
Carmarthen street, between Mecklenburg and Princess streets, -	800 "
Total, - - -	14,100 feet.

PROPOSED WATER EXTENSIONS.

The streets through which it is proposed to lay additional water mains during the coming season, with a view to improve fire service, are:

Britain street, between Wentworth streets, - - - -	Charlotte and 1,300 feet.
Pitt street, between Sheffield and Duke streets, - - - -	1,800 "
Sheffield street, between Sheffield and Pitt streets, - - -	Wentworth 500 "
Sydney street, between Sheffield streets, - - -	St. James and 750 "
Sydney street, between Mecklenburg streets, - - -	St. James and 1,000 "
Carmarthen street, between Mecklenburg and Princess streets, -	800 "
St. James street, between Germain streets, - - -	Charlotte and 500 "
St. David street, below Courtney street,	400 "
Union street, between Chapman's, - - - -	Smyth street and 700 "
Main street, Portland, - - -	4,200 "
St. Paul street, Portland, - - -	500 "
Loch Lomond Road, - - -	1,000 "
Total, - -	13,450 feet.

The above lengths of pipe, &c., as in the sewerage work, are only approximate, and may be changed to some extent when the plans come to be carefully revised and the work executed.

A more full and detailed report of the year's work, with plans &c., is in preparation, and will be submitted with as little delay as possible.

Yours truly,

GILBERT MURDOCH,
Supt. Sewerage and Water Supply.

AUDITORS' REPORT

OR THE ACCOUNTS OF THE COMMISSIONERS OF SEWERAGE AND WATER SUPPLY, TO DECEMBER 31ST, 1876.

To His Worship the Mayor and Common Council of the City of St. John:—

GENTLEMEN,—The Auditors duly appointed under Acts 25 Vic., cap. 43, sec. 2, and 38 Vic., cap 29, sec. 13, to examine and report on the Accounts of the Commissioners, under the several Acts of the General Assembly, for the year ending 31st December, 1876,

REPORT:

That we have attended to that duty, and on examination of the Accounts submitted to us, find them clearly and methodically stated, the calculations correct and agreeing in every particular with the books of the Commissioners.

We, therefore, beg to state that the amount received from the different sources for Water Supply, as stated, was $131,822.11, which, with the balance on hand 31st December, 1875, of $52,349.72, makes in all $184,171.83.

The amount disbursed for all purposes of Water Supply was $108,425.98.

The amount received from different sources of Sewerage was $66,030.48.

The amount disbursed for all purposes of Sewerage was $47,561.44, including the balance due Commissioners 31st December, 1875, of $16,595.77; leaving the balance in the bank and on hand of $77,619.12 on the whole transaction of the year.

The balance sheet of the Commissioners marked No. 7, and filed with the Accounts, has been checked, and the balance on hand, as therein stated, found correct.

JAS. BUSTIN,
W. ALBERT LOCKHART,
F. S. SHARPE, Auditors.

St. John, N. B., 12th March, 1877.

The following is an abstract of the sources and amount of receipts from

CAPITAL ACCOUNT, WATER SUPPLY.

For Water Supply Debentures:	
G 1040 G 1041 G 1042 G 1043	$3,300 00
G 1044 G 1045 G 1046 G 1047	3,300 00
G 1048 G 1049 G 1050 G 1051	1,300 00
G 1052 G 1053 G 1054 G 1055	3,800 00
G 1056 G 1057 G 1058 G 1059	2,000 00
G 1060 G 1061 G 1062 G 1063	3,000 00
G 1064 G 1065 G 1066 G 1067	1,600 00
G 1068 G 1069 G 1070 G 1071	3,200 00
G 1072 G 1073 G 1074 G 1075	1,900 00
G 1076 G 1077 G 1078 G 1079	2,600 00
G 1080 G 1081 G 1082 G 1083	1,600 00
G 1084 G 1085 G 1086 G 1087	1,500 00
G 1088 G 1089 G 1090 G 1091	5,500 00
G 1092 G 1093 G 1094 G 1095	2,200 00
G 1096 G 1097 G 1098 G 1099	2,800 00
G 1100 G 1101 G 1102 G 1103	2,000 00
G 1104 G 1105 G 1106 G 1107	1,800 00
G 1108 G 1109 G 1110 G 1111	4,000 00
G 1112 G 1113 G 1114 G 1115	4,000 00
G 1116 G 1117 G 1118 G 1119	3,100 00
G 1120 G 1121 G 1122 G 1123	1,600 00
G 1124 G 1125 G 1126 G 1127	1,500 00
G 1128 G 1129 G 1130 G 1131	3,100 00
G 1132 G 1133 G 1134 G 1135	4,500 00
G 1136 G 1137 G 1138 G 1139	2,500 00
G 1140	500 00
	$68,100
For Premium Water supply Debentures, - - - -	28 00
For Labor, - - - -	2 70
For Iron Pipe, $95.65; and Scrap Iron, $166.25, - -	261 90
For Town of Portl'nd Fire Hydrant Account, 31st Dec., 1873, $	3 49
For Town of Portl'nd Fire Hydrant Account, 31st Dec., 1874,	510 22
For Town of Portl'nd Fire Hydrant Account, 31st Dec., 1874,	371 80
	885 51
	$69,278 11

The following is an abstract of receipts from Income Account Water Supply:

By Assessm'nt to May, 1857, $	2 00
" " " 1861,	1 00
" " " 1862,	2 00
" " " 1863,	5 50
" " " 1864,	2 00
" " " 1865,	1 00
" " " 1867,	1 00
" " " 1868,	1 66
" " " 1869,	1 32
" " " 1870,	10 82
" " " 1871,	1 66
" " " 1872,	2 32
" " " 1873,	7 85
" " " 1874,	55 62
" " " 1875,	219 46
" " " 1876,	5,475 95
" " " 1877,	46,062 40
	$51,855 56
Agreement Customs, - - -	8,310 37
Rents, - - - -	100 00
Interest from Banks on deposits, -	1,773 57
Water Supply, Building purposes, -	5 00
" " Broken periods, -	4 50
" " Circus, - -	15 00
Total, - -	$62,064 00

The following is an abstract of the receipts from funded surplus income account—Water Supply:

For coupons on water debentures, -	$360 00
" school " -	120 00
Total, - -	$480 00

The following is an abstract of the expenditure from capital account—Water Supply:—

To paid labor, water supply, - -	$24,883 00
" exchange for cast iron pipes,	7,879 39
" duties, - - - -	2,973 43
" freight, - - - -	3,130 00
" top wharfage, - - -	51 63
" lead pipe, - - - -	1,039 02
" pig lead, - - - -	1,871 28
" iron and iron castings, -	5,592 32
" brass work, - - -	300 80
" powder and fuse, - -	1,006 16
" coals, - - - -	143 25
" gas and oil, - - -	178 18
" lamps. - - - -	133 90
" leather and rubber packing,	101 88
" shafts, bolts and pole, -	8 75
" deals, boards and plank, -	555 84
" bricks and cement, - -	104 68
" chairs and clocks, - -	28 75
" register, - - - -	58 42
" general average pipes ex *Lydia*,	525 52
" counsel fees, - - - -	3 00
" cordage and spun yarn, -	36 35
" sawdust, - - - -	34 40
" mounting plans, - - -	33 70
" insurance, - - - -	14 00
" blank books, - - - -	48 60
" building chimney and slates,	15 45
" repairs, - - - -	18 98
" line, - - - -	9 80
" glass and glazier's work, -	39 23
Total, - - - -	$51,289 71

The following is an Abstract Expenditure from Income Account Water Supply:—

To paid Coupons Water Debenture,	$50,237 35
" Advertising and printing,	255 72
" Blank books and stationary,	272 77
" Salaries, ...	4,979 92
" Commissioners' fees, . . .	600 00
" Office expenses, stamps and copying,	239 62
" Taxes, Parish of Simonds,	57 91
" Right of way pipe line,	14 00
" Cash, ...	72 98
" Auditor's fees, by order Common Council,	180 00
" Law expenses, ...	67 00
" Return assessment, . . .	6 00
" Directory, ...	2 00
" Safe box, ...	3 50
" Clock for office, ...	10 00
" Oil cloth, ...	14 50
" Assessment books, . . .	33 50
" Insurance, ...	89 50
Total, ...	$57,136 27

The Assessment for the year ending 1st May, 77, showing the amount of $52,413.78 to have been levied on the City of St. John (East Side) and the Town of Portland, to which has been added $288.41, and $426.01 Debentures, of which amount $46,062.40 has been collected, leaving a balance of $6,213.78 due on the 30th December, 1876; of that amount $1,598.53 has been collected up to March 12, 1877.

Amount of Arrears due from agreement customers, $1,297.83, of which $596.99 has been collected up to 12th March, 1877.

Amount of Arrears on Assessment from 1st May, 1873, to 1st May, 1876;—

Years to May.	Defaulters to Dec. 31, 1875.	Cash Received.	Bad and Burnt	Defaulters Good.	Total.
1873, . . .	35 64	7 85	1 32	26 47	35 64
1874, . . .	87 10	54 62	6 00	26 48	87 10
1875, . . .	268 07	221 12	50 81	96 14	368 07
1876, . . .	6,186 01	5,474 29	310 21	401 50	6,186 01

The following is an abstract of receipts from Sewerage Construction Account:—

For amount from Sewerage Debentures—

F 256	F 257	F 258	F 259	$1,850 00
F 260	F 261	F 262	F 263	1,500 00
F 264	F 265	F 266	F 267	1,600 00
F 268	F 269	F 270	F 271	7,400 00
F 272	F 273	F 274	F 275	4,200 00
F 276	F 277	F 278	F 279	2,000 00
F 280	F 281	F 282	F 283	1,900 00
F 284	F 285	F 286	F 287	1,750 00
F 288	F 289	F 290	F 291	1,450 00
F 292	F 293	F 294	F 295	1,700 00
F 296	F 297	F 298	F 299	1,300 00
F 300	F 301	F 302	F 303	1,300 00
F 304	F 305	F 306	F 307	2,500 00
F 308	F 309	F 310	F 311	4,000 00
F 312	F 313	F 314	F 315	2,300 00
F 316	F 317	F 318	F 319	4,000 00
F 320	F 321	F 322	F 323	4,000 00
F 324	F 325	F 326	F 327	4,000 00
F 328	F 329	F 330	F 331	2,800 00
F 332				1,000 00
				$53,450 00

For amount from R. W. Thorne, acc't, drain, - - - - -	20 00
For freight on stone-ware and pipe,	3 34
For premium on debentures, - -	8 00
	$53,481 34

The following is an abstract of receipts from Sewerage—Revenue Account:—

By amount from Wm. Sandall, Chamberlain and Receiv'r of Taxes for Sewerage Assessment, . .	
1871, $	2 73
1872,	17 30
1873,	35 40
1874,	210 00
1875,	7,192 81
1876,	3,843 42
	$11,301,66
By amount from sundry persons for permits to enter sewers, . . .	1,105 00
By amount interest on debenture, . .	22 48
	$12,429 14

The following is an abstract of receipts from Sewerage—Sinking Fund Account:—

For Coupons—school debentures, .	$120 00

The following is an abstract of the expenditure for Sewerage—Construction Account:—

To p'd labor Harding st. sewer,	$1,100 72
" " Mecklenb'rg st. "	2 80
" " St James street "	644 65
" " Sewell street, "	1,107 15
" " Charlotte street "	6,144 31
" " Canterb'ry st. "	496 65
" " Main street, "	1,930 83
" " Dorchester st. "	242 15
" " Exmouth st. "	1,039 75
" " Rockey street "	38 80
" " Garden street "	981 25
" " Sheffield street "	1,714 27
" " Middle street "	507 25
" " White street "	529 50
" " Castle street "	76 28
" " Britain street "	706 81
" " Prince Wm. st. "	167 80
" " City Road "	6,135 92
" Gen. sew'rage, catch-basins,	3,225 74
	$26,792 63
" Exchange for stoneware pipes ex *Dorcas*,	180 91
" General average on pipes ex *Lydia*,	98 48
" Freight on sewer pipes, . .	1,315 25
" Duties, ...	360 76
" Top wharfage, ...	6 97
" Timber, ...	2,340 00
" Deals planks and boards, .	1,504 48
" Iron, ...	647 10
" Cement, and freight of same,	363 43
" Coals, ...	86 60
" Gas, ...	46 65
" Lanterns and lamps, . .	83 00
" Powder, etc., ...	1,086 92
" Bricks, ...	670 76
" Sawn lumber, ...	12 00
" Slippage timber, . . .	84 79
" Sewer blocks, ...	96 16
" Oil, ...	121 01
" Conductors, ...	70 70
" Sewer accident, ...	56 20
" Shafts and bolts, ...	24 28
" Blacksmith work, ...	19 75
" Stone work, ...	6 75
" Time books, ...	5 20
" Glass, ...	2 66
" Iron Castings, ...	42 69
" Table and repairs, ...	34 00
	$36,156 94

The following is an Abstract of Expenditure from Sewerage-Revenue Account:—

To paid Coupons Sewerage Debenture,	$10,340 90
" William Sandall, Chamberlain and Receiver of Taxes, order of Assessors, making Sewerage Assessment, ...	399 57
" G. Murdoch, salary, Superintendent of Sewers, ...	620 00
" Blank books, ...	21 55
" Tracing and drawing materials,	18 43
" Cotton, mounting plans, . . .	4 05
Total, ...	$11,404 50

DEBENTURES.

Debentures issued to December 30th, 1876:—

The amount of Water Supply Debentures, issued, payable in forty years from 1st May, 1855, in currency, is	£124,746 17/6
The am't of Water Supply Debentures issued, payable in forty years from 1st May, 1871, in currency, is, ...	75,000 00/0
The am't of Water Supply Debentures issued, payable in forty years from 1st May, 1875, in currency, is, ...	25,750 00/0
Amount of Water Debentures,	£225,492 17/6
The amount of Sewerage Deben'res issued, payable in 40 years from 1st May, 1855, is, ...	£25,000 00/0
The amount of Sewerage Deben'res issued, payable in 40 years from 1st May, 1873, is, ...	12,500 00/0
The amount of Sewerage Deben'res issued, payable in 40 years from 1st May, 1875, is, ...	15,237 10/0
Amount of Sewerage Debentures,	£52,737 10/0
Total, ...	£278,230 7/6

Each Debenture is signed by the Commissioners and countersigned by the Chamberlain, in whose office a record is kept, as well as in that of the Commissioners.

Free access has been had by the Auditors to the books of the Commissioners, and every information afforded by the chairman, and they now wish to record their entire satisfaction of the correct and systematic manner in which the books are kept.

LONDON HOUSE
(WHOLESALE).
MARCH 1, 1877.
Received per Prussian, Circassian, Hibernian and Sardinian:—
64 PACKAGES
New Spring Goods,
FOR
EVERY DEPARTMENT
AND
To be Continued Weekly!
DANIEL & BOYD.
mar3

Stewart's Imperial Cough Balsam.
A most excellent and certain remedy for
All Lung Diseases, Asthma, Coughs, Colds, Croup, Bronchitis, Influenza, Whooping Cough, Hoarseness, &c., &c.
DIRECTIONS.—