

REPORTS
ON THE
ACCOUNTS OF THE CORPORATION
OF THE
CITY OF MONTREAL
AND
REPORTS OF CITY OFFICIALS
FOR THE
YEAR ENDING 31st, JANUARY 1867.



PRINTED BY ORDER OF THE CITY COUNCIL.

Montreal.

CITY GOVERNMENT.

1866.

HENRY STARNES, ESQUIRE, MAYOR.

ALDERMEN -

F. CONTANT,	J. B. ROLLAND,
D. GORRIE,	A. A. STEVENSON,
F. DAVID,	WM. RODDEN,
GEO. BOWIE,	THOS. MCCREADY,
J. B. GOYETTE.	

COUNCILLORS

T. S. HIGGINSON,	J. O. MERCIER,
J. W. MCGAUVRAN,	B. DEVLIN.
P. DONOVAN.	L. LABELLE,
JOS. POUPART,	JOEL LEDUC,
A. W. OGILVIE,	M. LANCTOT,
DAVID BROWN,	A. BERNARD,
J. H. ISAACSON.	J. E. MULLIN,
F. CASSIDY,	F. X. St. CHARLES,
B. BASTIEN,	W. MASTERMAN.

Chs. GLACKMEYER,
City Clerk.

COMMITTEES

FINANCE.—Gorrie, chairman; David, Rolland, Rodden, McCready, Ogilvie, St. Charles.

ROADS.—David, chairman; Contant, Bowie, Stevenson, Rodden, Poupart, Brown.

POLICE.—Rodden, chairman; Rolland, McCready, Isaacson, Mercier, Leduc, Bernard.

FIRE.—Donovan, chairman; Stevenson, Poupart, Cassidy, Bastien, Devlin Masterman.

WATER.—McGauvran, chairman; Gorrie, David, Goyette, Brown, Bastien Devlin.

MARKETS.—Bowie, chairman; Contant, McCready, Goyette, Donovan, Bastien, Leduc.

LIGHT.—Rolland, chairman; Higginson, Donovan, Ogilvie, Mercier, Lanctot, Mullin.

CITY HALL.—Contant, chairman; Bowie, Higginson, McGauvran, Lanctot, Mullin, St. Charles.

LICENCES.—Labelle, chairman; Contant, Goyette, Higginson, Masterman, Mercier, Leduc.

HEALTH.—Devlin, chairman; Gorrie, Stevenson, Cassidy, Labelle, Lanctot, Masterman.

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- 7.—Report of the Superintendent of Fire Alarm Telegraph.
- 8.—Report of the Inspector of Buildings.
- 9.—Report of the Chief of Police.
- 10.—Report of the Clerk of the Recorder's Court.

Mayor's Inaugural Address.

GENTLEMEN,

In resuming my place as Mayor of the city of Montreal, for the year 1867 and '68, I have once more to express my acknowledgments to my fellow citizens for their continued confidence shown, in re-electing me unanimously, for the fourth time, to the honourable position I now occupy. I can only promise them in return for their perhaps too partial regard, that I shall do everything in my power to merit their confidence and fulfil their expectations. Having in my valedictory to the late Council, enlarged upon most of the topics which usually form the subjects of the now customary inaugural address of each Mayor in this city, I will be as brief as possible in the few remarks I intend to offer you.

The amendment to the Acts of Incorporation, by which the Members of Council are required to qualify on landed property, and not as heretofore on "real or personal estate, or both," may be said to have already produced some of the beneficial effects anticipated by its projectors. While on this subject, I must repeat the conviction which I expressed from this seat last year, on a similar occasion to the present, that it is advisable that the Mayor should be elected here, as he is in England, by the Council, and from the body of its members; and not by the votes of the electors generally. This was the practice in this city for the first eleven years of its corporate existence, until the year 1851, when the law was unexpectedly altered by the Legislature to its present form (if I am correctly informed) without the knowledge or participation of this Council, and without any demand for the change having been made, either by the Corporation or the citizens of Montreal. Experience has shown that the change has not been an improvement; and I recommend to your consideration, if the time has not yet come to revert back to the original system, so strangely and causelessly departed from, of having the Mayor elected by and

from the Council. The reasons for this amendment in the law, or rather the restoration of the law to its original form, are too obvious to need enumeration. Besides, the more prominent of these reasons were fully stated in my last year's address, and must be still fresh in the memories of a large majority of the present members of the Council. It is therefore unnecessary to recapitulate them.

The statements and accounts which will be submitted to you this evening, afford conclusive testimony of the present satisfactory state of the finances of the city; there being now the sum of \$400,000 at the credit of our sinking fund. The administration of our affairs during the past year has been characterized by the most praiseworthy economy and system; and a continuation of the same characteristics during the year now begun will establish our credit on the firmest possible basis, and enable us to augment our sinking fund, if we think fit to do so, to even a greater extent than the sum prescribed by law. For this purpose, however, it will be necessary that we should be careful to restrict our outlay, in this current year as in the past, to the limit stipulated in the Statute, that is, "the amount of the receipts of the preceding year added to the balance of the said receipts, which shall not have been expended." Of course it will be advisable that our expenditure should if possible be even less; and it may not be unfitting we should all bear in mind, that we cannot, under any circumstances, permit it to exceed that amount, without incurring the penalty provided by the following provision of the law: "The Mayor and Committee who shall have sanctioned the expenditure of any sum of money beyond the amounts appropriated, and the amounts at their disposal, *shall alone be personally responsible therefor.*"

I would suggest that the system practised in the United States of enregistering Municipal Bonds in the Treasurers' Department of the city be adopted by us at the earliest practicable period, as such a system will not only afford greater facilities and security to the bondholders, but insure great advantages to ourselves in many ways. With a view to the introduction of that practice here, I deemed it necessary that our City Treasurer should pay a short visit to the United

States, to study the system carefully there, and make himself practically acquainted with its operation and merit and his report and explanations will, I am persuaded, induce you to adopt it without delay.

The statements submitted exhibit the amount of work done and improvements effected by the Road Committee during the past year, and the city has reason to congratulate itself on their extent and value.

Although a beneficent Providence has been pleased to avert from our city and country the unwelcome visit of cholera, with which we were menaced at this time last year, it may not be admiss to speculate on the extent to which we were indebted for our safety to the extraordinary efforts so successfully made in expectation of that dreaded visitation, to compel the early and thorough cleansing and purification of all back yards, filthy lanes, and foul cesspools throughout the city, and especially the suburban parts of it. I would not unnecessarily excite alarm, but as it is possible the attack of this fatal epidemic may have been only delayed for a season, I do most earnestly exhort the Council, and especially the Health and Police Committees, to be appointed at this Quarterly Meeting, not to relax in their most strenuous efforts to place the city in a fit state of preparation as regards cleanliness and purification, to mitigate the malignity and fatal effects of the deadly scourge, and hasten its departure from among us, should an all-wise Providence permit it to visit us this summer.

The citizens of Montreal have this year been exempted from the temporary inconvenience of insufficient supply of water to which they were unfortunately subjected for a short period during the preceding winter. This circumstance is, I believe, in a great measure due to the extraordinary precautions taken by the Water Committee this winter, and to the able management of the Superintendent of the Department, coupled with the fact that the water in the river did not fall to the same low level as last year ; and it proves beyond a doubt, that if we wish to avoid the danger and loss to which the city was exposed last winter, it will be necessary to extend the Water Works Canal about a mile higher up, where a depth of water will be ensured for all time, equaling the level at the mouth of the

Canal this year. Should my opinion in this matter be confirmed by the examination and report of competent engineering authority, this improvement should be begun and completed this season, before the city may be exposed to the possibility of a recurrence in the course of next winter, of the incalculable peril and damage from which it so happily escaped last year.

The plans for the long talked of and much desired Drill Sheds have been prepared and it is to be hoped that they will at last though somewhat tardily, be completed in a style of architecture creditable to the city, and of such dimensions, and with such interior accommodation, adapted to the requirements of the service, as will be satisfactory to our gallant Volunteers and justify the public expectation.

The City Fire Department has been distinguished during the past year by its customary promptitude and efficiency; and I refer you to the Annual Report of its veteran, but energetic Chief, for detailed statement of its valuable services; of the large amount of property which it has been the means of saving; and of the still greater amount of losses which it has been the means of preventing in the course of the last twelve months.

In conclusion, I confidently trust that our proceedings and debates will be conducted in that spirit of mutual forbearance, and with that courtesy and harmony which have distinguished them during the last twelve months; and I pledge myself, that in presiding over your deliberations, my conduct and decisions shall be regulated to the fullest extent of my ability, by justice and impartiality, and a strict adherence to the rules established to direct and govern our proceedings.

HY. STARNES,
Mayor.

ANNUAL REPORT
OF THE
CITY TREASURER
OF THE
CITY OF MONTREAL,
TOGETHER WITH THE
AUDITOR'S
STATEMENTS AND CERTIFICATIONS
FOR THE CIVIC YEAR OF
1866,
ENDING THE 31st DAY OF JANUARY, 1867.



MONTREAL:
PRINTED BY STARKE & CO., ST. FRANCOIS XAVIER STREET,
1867.



CITY HALL,

MONTREAL, April 24th, 1867.

SIR,—

I respectfully submit the accounts of my Department, for the year ending 31st January last, and beg you will lay them before the Council at its meeting this evening.

The receipts from Revenue sources, although exceeding those of the preceding year, (1865) by \$55,991.08, have not realized the expectations of the Finance Committee. The short coming may be accounted for from the fact, that many parties who in former years settled before the 31st January, did not pay this year's taxes till subsequent to that date. All other outstanding amounts, both in the Assessment and Water Departments, are being pressed to payment by suits through the Recorder's Court, and I expect the greater portion of the unpaid 1866 Assessments will be made good before the 1st of August next. I cannot say as much regarding arrears of Water rates, for reasons which I will hereafter give when referring to that department.

The sum of \$77,415 was collected during the past year on account of the arrears which existed prior to 31st January, 1866, and which had been accumulating for many years previous. A large amount still remains unpaid--of which the

claims against Real Estate are good. Some time, however, must necessarily elapse before the whole of these can be collected. The arrears of Personal Taxes are nearly if not altogether bad, and should be written off as uncollectable.

Many difficulties arise in the course of settlement with parties liable for special business Tax, such as Bankers, Insurance Agents, Money Changers, Brokers, Commission Merchants, &c., &c. The Taxes being *specific*, and irrespective of the business done, apply unequally. I would, therefore, respectfully recommend to the Council, a reconsideration of the By-Law imposing these Taxes in order to have them apply in a more equitable manner, and feel confident the City Revenue would be largely increased in consequence.

A matter for the consideration of the Council, is the Revenue from Water Works, which last year was not sufficient to cover disbursements for interest of Water Works Bonds and ordinary maintainance of the Works. The deficiency amounted to \$23,613.00, as will be seen from the Auditor's report. This sum had to be provided out of the ordinary revenue from assessments, &c., thereby lessening the amount available for disbursements necessary in other departments. From the returns of the Accountant, it appears :

The total assessed Water Rates were.....	\$222,855.63
The collections on account of which were	194,913.10
	<hr/>
Shewing a deficiency or arrears, 1866.....	\$27,942.53
	<hr/>

Equivalent to $12\frac{1}{2}$ p.c., on the total Water rental.

The loss occurs chiefly through the poorer class of tenants, from a great many of whom it is almost impossible to make collections. The ordinary revenue of the City cannot be expected to bear these annual deficiencies of the Water Department. It therefore becomes a question whether the present system of collection from tenants shall be maintained ; if so, an increase of the Water Rates will be necessary—or, adopting the system followed in the chief cities of the United States, and also in

Quebec, make the charge a property tax, and, as with other assessments, hold the property therefor. In the event of this last mentioned plan being followed, the whole of the revenue from Water Works could be secured, and in addition a saving of several thousand dollars per annum would be effected at the cost of the staff now necessary for the department.

I had the honor to report to you on the 11th March last the result of my visit to Washington, relative to the system of Registered Bonds, and would respectfully remark that in adopting a similar system, our City Securities would be materially benefitted, and holders would possess a safeguard which is not afforded under the ordinary system of Coupon Bonds.

I have prepared new forms for the books in the Assessment Department, and expect to have the work more expeditiously and satisfactorily conducted in consequence.

In conclusion I have much pleasure in reporting that the conduct of the Clerks of my Department, has generally been most correct and satisfactory.

I have the honor to be,

Sir,

Your obedient servt.,

JAMES F. D. BLACK

City Treasurer.

To His Worship }
The MAYOR. }

Dr. THE CITY OF MONTREAL, in account current

1866—Jany. 21.		\$	c.
floating Debt, Payments therefor, as detailed.....(Page 15)..		255,957.55	
Temporary Bonds, do do.....(" 16)..		943,275.51	
Sinking Fund, do do.....(" 16)..		68,049.88	
Interest Account, do do.....(" 16)..		164,406.66	
Water Works Expenditure, as detailed.....(" 16)..		300,322.21	
Recorder's Court, Cost of maintenance.....(" 18)..		7,981.29	
Police Department, do.....(" 18)..		61,762.37	
Health do Disbursements as detailed.....(" 18)..		7,203.51	
Markets, do do.....(" 19)..		15,870.59	
Wards Department, do do.....(" 21)..		106,077.01	
Streets Improvements, do do.....(" 21)..		153,103.05	
Widening of Notre Dame Street, do.....(" 22)..		56,667.85	
Sewer and Drains, do.....(" 22)..		55,542.35	
Police Department, Cost of maintenance.....(" 22)..		19,619.88	
Installments on Land purchases, to sundry parties.....(" 23)..		4,888.00	
Wards Department, 1867, advanced in anticipation of appropriations (" 23)..		1,591.40	
Light Department, cost of maintenance.....(" 23)..		16,832.14	
City Hall Disbursements, as detailed.....(" 24)..		3,530.61	
City Concert Hall, do do.....(" 24)..		895.98	
Salaries, for various Departments.....(" 24)..		29,568.50	
Legal Expenses, Disbursed as detailed.....(" 25)..		1,805.55	
Printing and advertising, do.....(" 25)..		6,253.35	
School Tax, do.....(" 25)..		5,105.56	
Police Guard, do.....(" 25)..		2,400.00	
Bilding and Jury Fund, do.....(" 25)..		1,440.00	
New Hay Market, Payments to date.....(" 25)..		5,735.73	
New Fire Police Station, Point St. Charles, Payments to date.....(" 25)..		3,000.00	
Mill Shed Property, Land Purchase, &c.....(" 25)..		39,745.42	
Property on Wolfe Street, Amount cost, since resold.....(" 25)..		711.00	
Miscellaneous.....(" 26)..		5,388.63	
City Treasurer's Cash Account.....(" 26)..		3,771.70	
Jan. 31, '67 Cash in hand.....		612.17	
		<hr/>	
		\$2,349,115.45	

Errors and Omissions excepted.

MONTREAL, January 31, 1867.

with JAMES F. D. BLACK, City Treasurer.

On

1866—Jany. 31.	\$	c.	\$	c.
Cash on hand.....			77,802.27	
Bonds and Obligations, Sold and negotiated for year.. (Page 9)..			1,395,478.30	
Water Works Bonds, do do ..(" 9) ..			90,000.00	
Revenue from undernoted sources :—				
Recorder's Court.....(" 9) ..	14,050.00			
Water Works.....(" 9) ..	203,341.12			
Markets.....(" 9) ..	56,344.86			
Registration of Carters.....(" 10) ..	17,863.00			
Tax under the Road Act, from Inn-keepers and Grocers.....(" 10) ..	4,184.00			
Road Department.....(" 10) ..	1,258.49			
Fire do.....(" 10) ..	124.00			
Concert Hall.....(" 10) ..	194.00			
Miscellaneous.....(" 10) ..	436.00			
Ground Rent, McGill Street property.....(" 10) ..	1,511.99			
Assessments, Personal Taxes and Business Duty...(" 10) ..	270,256.19			
Arrears Department.....(" 11) ..	77,415.04			
			646,978.68	
Bank Stock, Dividends received and applied to Sinking Fund.....(" 11) ..			5,795.20	
Sinking Fund, Withdrawn from Special Deposit for Bank Stock.....(" 11) ..			20,100.00	
Road Department, Collections for Street Improvements, Drains, &c.....(" 12) ..			84,955.45	
Wolfe Street Property, received for Sale.....(" 12) ..			900.00	
Interest Account, as particularized.....(" 12) ..			3,530.45	
Miscellaneous do.....(" 13) ..			345.37	
Open Accounts, for Instalments on property sold....(" 13) ..			22,561.98	
Markets Account, Returns for Gas supplied Butchers, &c.....(" 14) ..			667.64	
			\$2,349,115.45	
Jan. 31, '67 By Cash on hand, brought down.....			\$612.17	

JAMES F. D. BLACK,
City Treasurer.

CASH RECEIPTS.

CITY TREASURER, YEAR ENDING JANUARY 31st, 1867

	\$	c.	\$	c.	\$
BONDS AND OBLIGATIONS :—					
Temporary Bonds discounted during the year in anticipation of Revenue.....	1026978	36			
Drainage Bonds sold.....	80000	00			
New Consolidation Loan Bonds sold.....	212000	00			
City Terminus Bonds sold.....	33000	00			
Drill Shed Bonds sold.....	43500	00			
	<hr/>		1395478	36	

WATER WORKS BONDS.

Sold during year.....	90000	00			
	<hr/>		1485478		

REVENUE :—

RECORDER'S COURT.

Returns from Clerk of Court for Collections during the year :—Fines, &c., imposed by the Recorder.....	13395	51			
Costs Collected from Official Notices issued and settled in Treasurer's Office.....	654	49			
	<hr/>		14050	00	

WATER WORKS.

Collected for 1866, rates.....	187659	27			
“ arrears.....	15681	35			
	<hr/>		203341	12	

MARKETS.

	Butchers' Stalls.	Shops and Cellars.	Hucksters and Farmers.	Ice Wells.	
Bonsecours ..	\$6080 00	\$6153 00	\$12071 85	\$360 00	24664 85
St. Anns	4742 60	1200 70	4410 26	....	10353 56
St. Antoine..	2547 20	285 65	948 06	153 00	3933 91
St. Lawrence.	3991 55	....	1507 67	369 00	5868 22
Papineau ...	1070 37	....	2625 84	....	3696 21
St. Gabriel ..	302 20	39 50	1084 16	....	1425 86
Viger Market, collections for year.....					3877 33
Hay Market, do. do.					2524 92
	<hr/>				56344 86
Carried Forward.....	<hr/>				\$273735 98 1485478

CASH RECEIPTS—*Continued.*

	\$	c.	\$	c.	\$	c.
Brought Forward.....					1485478	36
REVENUE :— <i>Continued.</i>			273735	98		
REGISTRATION OF CARTERS.						
ollections through Police Department for Licenses and Numbers issued to Carters and Cabmen.....			17863	00		
TAX UNDER THE ROAD ACT.						
rom 380 Inn Keepers \$8.00 each, to obtain certificates from Government.....			3040	00		
rom 143 Grocers for do.			1144	00		
			4184	00		
ROAD DEPARTMENT.						
ty Surveyor's Returns for Lines, Levels, &c., during year			1258	49		
FIRE DEPARTMENT.						
uilding Inspector's Returns for Certificates issued.			124	00		
CONCERT HALL.						
ecieved for rent to Societies, &c.....			194	00		
MISCELLANEOUS.						
icenses to Exhibitions, Shows, &c., &c.....			436	00		
ST. ANN'S MARKET PROPERTIES.						
ound Rent collected from Lessees of McGill St. property.			1511	99		
ASSESSMENTS, PERSONAL TAXES AND BUSINESS DUTY.						

WARD.	ASSESSMENTS.		7½ ¢ cent. on Rental.	BUSINESS DUTY.		TOTAL.
	Property.	Personal Taxes.		Inn Keepers.	Sundry Duties.	
ast.....	\$11356 38	\$117 00	\$5233 83	\$2173 00	\$1040 00	\$19920 21
entre.....	18644 33	225 00	9081 80	645 75	8239 00	36785 88
est.....	25137 78	94 00	16954 82	967 00	11900 00	54753 60
t. Anns.....	25741 73	244 50	7220 13	1381 50	1545 00	36132 86
t. Antoine.....	44464 17	3697 00	1692 95	963 00	50 00	50867 12
t. Lawrence....	20101 60	1041 50	1399 95	1392 75	271 00	24206 80
t. Louis.....	17490 73	801 50	1187 40	693 00	166 00	20338 63
t. James.....	14169 17	462 50	897 30	873 00	18 00	16419 17
t. Marys.....	8290 55	213 50	836 85	576 00	836 00	10752 90
ndistributed ...	72 24	....	5 98	....	....	78 22
Total.....	185468 68	6896 50	44461 01	9665 00	23765 00	270256 19

Carried Forward..... \$569563 65 1485478 36

CASH RECEIPTS—Continued.

			\$	c.	\$	c.	\$
	Brought Forward.....						1485478
REVENUE :—	Continued.....				569563	65	
	ARREARS.						
Assessments	1843 6 50 1844 17 60						
	1845 6 00 1846 15 60						
	1847 21 60 1848 15 60						
	1849 14 10 1850 3 60						
	1851 3 00 1852 30 10						
	1853 100 30 1854 46 90						
	1855 121 60 1856 225 20						
	1857 160 20 1858 308 80						
	1859 258 30 1860 818 45						
	1861 1263 09 1862 1248 45						
	1863 1690 94 1864 5607 48						
	1865 36985 58						
		40631 21					
					48968 99		
Duty on Business.....					4833 11		
Costs					152 15		
Inn Keepers' Certificate.....					8 00		
Interest					87 30		
						54049 55	
	SPECIAL ACCOUNT.						
Street Improvement.....		11771 24					
Notre Dame Street improvement.....		869 85					
Cypress Street.....		3266 00					
Drain Accounts.....		7458 40					
					23365 49		
						646978	
BANK STOCKS :—							
Dividends from Ontario Bank, 12 months.....					3443 20		
Do. Jacques Cartier Bank 18 months.....					1584 00		
Do. La Banque du Peuple 12 months.....					768 00		
						5795	
SINKING FUND :—							
Withdrawn from Special deposit for purchase 500 shares							
Ontario Bank Stock $\frac{1}{2}$ per cent. prem.....						20100	
Carried Forward.....						\$2158352	

CASH RECEIPTS—*Continued.*

	\$	c.	\$	c.	\$	c.
Brought Forward.....					2158352	25
AD DEPARTMENT:—						
OLD MATERIAL.						
l during year.....			75	00		
SMALL SEWERS.						
ected from sundry proprietors.....			7250	28		
PROPERTY.						
Corner St. Catherine & Berri streets sold McCormack..			234	00		
STREET IMPROVEMENTS.						
ections for special assessments.....			23950	35		
WIDENING OF NOTRE DAME STREET.						
ections from sundry proprietors.....			26017	95		
CITY TERMINUS.						
sived from the Grand Trunk Railway Company amount						
expended in excess of \$50,000 as authorized by Law..	8547	00				
bunt for old material sold.....	314	55				
					8861	55
DRILL SHED PROPERTY.						
of old material from Soap Factory, Rents col-						
lected, &c.....			416	32		
BONAVENTURE STREET PROPERTY.						
bunt for property acquired from Heirs, Castle & Peck..	18000	00				
eived for rent of buildings.....	150	00				
			18150	00		
					84955	45
OLFE STREET PROPERTY:—						
lized from sale of house purchased at Sheriff's Sale....			900	00		
					900	00
INTEREST ACCOUNT:—						
rest charged on arrears, discount on silver, and rebate						
on payments of obligations anticipated.....					3530	49
Carried Forward.....						
					\$2247738	19

CASH RECEIPTS—*Continued.*

	\$	c.	\$	c.	\$
Brought Forward.....					224773
MISCELLANEOUS :—					
WATER WORKS BONDS INTEREST.					
Received for overcharge on Bonds sold.....			20	00	
DRILL SHED BONDS INTEREST.					
Received for overcharge on Bonds sold.....			55	00	
SUNDRIES.					
Restitution money.....			10	00	
FIRE DEPARTMENT.					
Sale of 4 condemned horses.....			187	50	
CITY HALL.					
Sale of old stoves, &c., &c.....			20	83	
PETTY LEDGER.					
Sundry petty amounts received.....			52	04	
					34
OPEN ACCOUNTS :—					
Sundry payments as under :—					
Estate late E. Demers, on acc't house St. Denis Street.			2400	00	
E. L. Ransom, received for 7 months rent of house....			140	00	
J. P. Sexton, on account house, St. Denis Street.....			1560	95	
C. Glackmeyer, do do 			1189	05	
J. B. Beaudry, instalment and interest on land purchase			1892	40	
M. Laurent do do do			793	20	
Geo. Lulham do do do			549	05	
Pierre Beaubien do do do			708	50	
A. F. Cockburn do do do			1706	67	
Timothy Scanlon do do do			2291	31	
G. L. Rolland do do do			780	00	
Theodore Hart do do do			1482	00	
D. Cunningham do do do			200	00	
Thomas Cowan do do do			160	00	
Guilliaume David do do do			10	00	
John McArthur do do do			850	45	
Geo. Winks do do do			5000	00	
S. Tucker & Son do do do			600	00	
Corporation of Cote St. Louis, on account Fire Engine			248	40	
					22561
Carried Forward.....					\$227064

CASH RECEIPTS—*Continued.*

	\$	c.	\$	c.	\$	c.
Brought Forward,					2270645	54
MARKET ACCOUNT:—						
; Accounts collected from Butchers as under :—						
St. Ann's Market.....			151	78		
St. Antoine Market.....			236	92		
St. Lawrence Market.....			191	22		
Papineau Market.....			79	38		
St. Antoine Market, wages detained from Clerk.....			8	34		
					667	64
Total Cash Receipts.....					\$2271313	18

CASH DISBURSEMENTS.

CITY TREASURER, YEAR ENDING JANUARY 31ST, 1867.

FLOATING DEBT, January 31st, 1866:—

Payments on account thereof—for which New Consolidation Loan of \$400,000 was obtained:—

	\$	c.	\$	c.	
BONDS AND OBLIGATIONS.					
To retired Nos. 763 764 765 to Thos. Watson	2100	00			
“ “ 773 774 775 “ Douglass Bro. & Co.	1900	00			
“ “ 743 “ J. B. Lewis	494	00			
“ “ 754 “ J. A. Leclere	1759	37			
“ “ 753 “ Warden King	636	31			
“ “ 752 “ John Boston	1449	31			
“ “ 783 785 “ Ontario Bank	77000	00			
“ “ 784 “ J. C., “	25000	00			
“ “ 787 “ Peoples “	16000	00			
				126339	29
ST. ANN'S MARKET BONDS.					
To retired Nos. 116 124 134 135 136 137 150 7 Bonds \$400.	2800	00			
To retired Nos. 154 159 2 Bonds \$200.00	400	00			
				3200	00
ST. LAWRENCE MARKET BONDS.					
To retired obligation to Judge Berthelot	583	35			
“ “ N. J. Bourbonniere	200	00			
“ “ (part) Joseph Vallée	100	00			
“ “ Madame Louzon	100	00			
“ “ Succession Castonguay	200	00			
				1183	35
BILLS PAYABLE.					
To retired Nos. 376 to V. Hudon	590	58			
“ “ 382 “ R. Forsyth	3096	42			
				3687	00
ARREARS OF MUNICIPAL LOAN SINKING FUND.					
To amount remitted the Receiver General, for payment due in 1865				64000	00
SEMINARY OF MONTREAL.					
To amount paid towards various overdue Bonds and other outstanding claims against the City				20765	55
Carried Forward				\$219175	19

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$	c.
OUTSTANDING DEBT— <i>Continued</i>	219	175	19			
A. PINSONNEAULT.						
paid him for Bonds for Property acquired in St. Catherine Street	7	000	00			
NEW CONSOLIDATION LOAN BONDS.						
Amount and Brokerage—less interest accrued on Coupons for \$212,000.00 Bonds, sold to date.....	29	782	36			
				255	957	55
TEMPORARY BONDS :—						
Retired sundry obligations discounted during the year in anticipation of revenue.....				94	3275	51
TRADING FUND :—						
Purchase of 500 shares Ontario Bank Stock, <i>par value</i> ..	20	000	00			
1 per cent. on outstanding Bonds deposited in Ontario Bank, awaiting investment	39	722	00			
Amounts collected for dividends on Bank Stock and interest on deposits, placed to credit of special account in Ontario Bank, awaiting investment.....	8	327	88			
				68	049	88
INTEREST ACCOUNT :—						
Interest paid on various issues of Bonds, exclusive of Water Works Bonds.....	11	4859	97			
Interest accrued on various overdue Bonds (now retired) and St. Lawrence and St. Ann's Market Bonds.....	8	120	55			
Amount on various temporary Bonds, negotiated in anti- cipation of revenue, together with interest on payments due on landed property and other disbursements under this head.....	41	426	14			
				164	406	66
WATER WORKS DEPARTMENT :—						
Amount allotted to Receiver General for interest and Sinking Fund due on Municipal Loan.....	64	000	00			
Salaries of Officers during year	5	291	90			
Salaries of Staff at Wheel House.....	3	176	56			
Daily wages to labourers during season.....	16	321	25			
Carried Forward.....	\$88	789	71	143	1689	60

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$
Brought Forward.....					143168
WATER WORKS DEPARTMENT—<i>Continued.</i>					88789 71
Extraordinary disbursements for wages to labourers and soldiers, materials and tools, with cost of distributing water by sleighs, consequent upon obstruction to Aqueduct, during months of February and March, 1866			7440	39	
Remittances to Britain, and expenses here on Water Pipes for New Rising Main and Street Service.....			45007	24	
J. MacDougall, sundry repairs, and payments on account of contracts.....			14605	16	
New Shafts for Breast Wheels, imported from Britain.....			3778	30	
J. Robertson & Co., accounts supplies during season.....			3699	08	
V. Hudon, " "			2646	42	
R. Mitchell & Co., " "			579	02	
D. Walsh, for patent Air Pump, invented and supplied by him			500	00	
W. D. B. Janes, account for Coals supplied.....			579	46	
Louis Payette, making drain at Reservoir.....			262	60	
Dufort, " tunnel for Rising Main.....			387	10	
Archambault, for carriage hire.....			347	41	
Printing and Advertising.....			812	49	
Stationery.....			207	31	
Rent of Shop, Notre Dame Street.....			500	00	
Geo. Brush, accounts for season			852	65	
School Tax and Assessments for Municipalities of St. Henri, Lachine, Montreal, and St. Pierre.....			172	28	
Refunded sundry overcharges on Water Rates.....			270	99	
Police watching Wheel House during Fenian Excitement.			220	00	
Contingent account, Accountant's Office, &c.....			92	40	
Various Tradesmens' accounts for material and labour during year.....			4175	98	
Insurances on Wheel House, &c.....			81	15	
Discount and Brokerage less interest accrued on Coupons for \$90,000.00 Bonds sold.....			11364	24	
Interest paid on various issues of Bonds.....			102364	00	
Excavating new Reservoir, amount expended to date....			10586	83	
					300322
Carried Forward.....					\$1732011

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$	c.
Brought Forward					17320	11 81
RECORDER'S COURT :—						
salaries of Recorder, Clerk of Court, Assistant Clerks and Bailiffs.....			7016	99		
Printing, Advertising, and Stationery.....			479	33		
J. Baylis, matting & account.....			73	69		
Clerks, Contingent disbursements, &c.....			411	28		
					7981	29
ALICE :—						
ages of Force and Contingent disbursement as per war- rants.....			50339	71		
thing, Shoes, Mitts, Gloves, &c.....			5600	15		
ts, Central Station, $\frac{3}{4}$ year.....			600	00		
' Chaboillez " $\frac{3}{4}$ ".....			105	75		
ctors Picault & Leprohon, for professional services.....			548	33		
er medical attendance.....			12	00		
l at various Stations.....			621	10		
allic numbers supplied to carters, cabmen &c.....			778	82		
a safe for Chief's Office.....			111	10		
olvers, Swords and Ammunition.....			299	00		
dry damages and legal expenses.....			233	80		
ious accounts, supplies and repairs.....			1456	25		
ret service money.....			25	00		
ounts for Stationery, Printing, &c.....			348	20		
Company Accounts for Supplies :—						
Central Station.....434 58						
Chaboillez Square Station.....134 72						
Panet Street ".....59 76						
St. Charles Barommé Street Station.....54 10						
			683	16		
					61762	37
ALTH :—						
ges to special Policemen during season.....			4083	44		
essional services, Dr. Girdwood.....			800	00		
" " Rottot.....			800	00		
" Drs. Craik & Leprohon.....			500	00		
ination Children of the poor.....			229	50		
ie and Copperas.....			257	91		
icing deposit lot.....			346	50		
iber and making Shed, Point St. Charles.....			63	91		
arer for removing nuisance.....			108	00		
hire and petty expenses.....			14	25		
					7203	51
Carried Forward.....					\$1808958	98

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$
Brought Forward.....					1808958
MARKETS :—					
BONSECOURS MARKET.					
Clerks Salaries.....	1600	00			
Do contingent disbursements.....	1112	21			
Filling Ice Wells.....	153	00			
Planking Ice House.....	9	94			
Removing snow from roof and building.....	144	30			
Beauchamp, repairing roof.....	490	75			
Stewart, Plumber's Account.....	36	08			
Starke & Co., for Printing.....	52	10			
Usherwood, for Painting.....	49	78			
Coals supplied.....	29	00			
Repairing Scales.....	23	00			
Joiners' Work and sundry repairs.....	49	44			
W. Rodden & Co., for Tinsmith's work.....	6	80			
Insurance on \$80,000.....	700	00			
Gas Accounts.....	113	28			
					4569 68
ST. ANN'S MARKET.					
Clerks Salaries.....	1066	60			
Allowance to Assistant Clerk 15 months house rent.....	125	00			
Clerks Contingent Disbursements.....	956	27			
Removing snow.....	84	90			
Wm. Henderson, for Deals supplied.....	168	25			
Sundry Tradesmen Account Repairs.....	141	53			
Insurance on \$8,000.....	50	00			
Gas Accounts.....	151	78			
Fuel Account.....	32	58			
					2776 91
ST. GABRIEL MARKET.					
Clerk's Salary.....	400	00			
Do Contingent Disbursements.....	150	56			
Planks and Lumber supplied for Ice-House, Cattle Yard, Shed, &c.....	767	61			
Sundry Tradesmen's Accounts.....	100	50			
Insurance on \$6,000.....	37	50			
Fuel Account.....	32	58			
					1488 75
Carried Forward.....					\$8835 34 1808958 8

CASH DISBURSEMENTS—*Continued.*

	\$ c.	\$ c.	\$ c.
Brought Forward.....			1808958 98
MARKETS— <i>Continued</i>		8835 34	
ST. ANTOINE MARKET.			
erk's Salary 10 months.....	416 70		
Do Contingencies.....	573 17		
ndry Tradesmen's Accounts, including Printing.....	86 93		
rting stone and earth for grading.....	63 76		
urance on \$8,000.....	40 00		
s Accounts.....	133 20		
el Account.....	32 58		
		1346 34	
ST. LAWRENCE MARKET.			
erks Salaries.....	475 02		
Do Contingent Disbursements.....	419 87		
ndry Tradesmen's Accounts, Repairs, &c.....	229 14		
urance on \$8,000.....	40 00		
s Accounts.....	120 98		
el Accounts.....	32 58		
		1317 59	
VIGER MARKET.			
erks Salaries.....	778 04		
Do Contingent Disbursements.....	210 92		
ards, &c., for shed.....	101 57		
rting stone and earth and grading Cattle Yard.....	173 20		
urance on \$8,000.....	50 00		
el Account.....	32 58		
		1346 31	
PAPINEAU MARKET.			
rk's Salary.....	500 00		
Do. Contingent Disbursements.....	575 06		
ndry Tradesmen's Accounts, Repairs, Supplies, &c.....	490 98		
urance on \$6,000.....	37 50		
s Accounts.....	50 48		
el Accounts.....	32 58		
		1686 60	
Carried Forward.....		14532 18	1808958 98

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$
Brought Forward.....					1808958
MARKETS :— <i>Continued</i>	14532	18			
HAY MARKET.					
Clerks' Salaries	857	64			
Do. Contingent Disbursements.....	343	69			
Starke & Co., Printing.....	98	00			
Insurance on \$2,000.....	6	50			
Fuel Account.....	32	58			
			1338	41	
					15870
ROAD DEPARTMENT :—					
Wages of labourers, stone breakers, and carters for year...	54926	17			
Deals, lumber, &c., for footpaths.....	15685	28			
Sleigh and Carriage hire for City Surveyor, &c.....	667	54			
Damages and Indemnities paid sundry parties.....	1840	88			
Printing, Advertising and Stationery.....	413	27			
Grates and Man Hole Covers, for Street openings.....	322	75			
Rent of Yard in Griffintown.....	131	50			
Disbursements for Viger Square Garden, exclusive of labour	1385	42			
Paving Stone for Footpaths, Chain and Curb stone, &c....	8411	43			
Broken Stones.....	5645	61			
Numbering houses.....	771	52			
Fencing in various localities.....	2388	12			
Excavating and Fencing Lagauchetiere Street.....	1469	92			
Winter Roads to Laprairie and Chambly.....	126	87			
Seigneur Street Bridge.....	1350	14			
Lacroix Street improvement including new railing.....	1680	50			
Nicholson pavement Jacques Cartier Square.....	1441	12			
Sundry Accounts for Supplies, Material, Labour, &c.....	7418	97			
					106077
STREET IMPROVEMENTS :—					
Amounts deposited in Court for Expropriations, Expenses of Commissioners, Witnesses, &c., on the undermen- tioned streets :—					
Sherbrooke Street.....	37086	07			
Albert Street.....	36787	87			
Bonaventure Street.....	32677	27			
Anderson Street.....	7535	60			
St. Francois Xavier and Hospital Streets.....	11730	98			
Carried Forward.....	\$125817	79	1930906		

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$	c.
Brought Forward.....					1930906	58
REET IMPROVEMENTS :— <i>Continued</i>	125817	79				
St. Peter Street.....	5909	82				
Beaudry Street.....	3651	04				
Murray and Smith Streets.....	1307	57				
Upper St. Urbain Street.....	734	10				
Sundry other Streets, including Wellington, German, Elizabeth, University, and Berri Streets	14016	06				
Paid the gentlemen of the Seminary for Commutation on land acquired for sundry streets...	1666	67				
	153103	05				
lening of Notre Dame Street :—						
Amount deposited in Court with other Disbursements during year.....	56667	85			209770	90
IN SEWERS AND DRAINS :—						
Expensed for William Street Sewer.....	16237	40				
“ Bonaventure Street Sewer.....	292	84				
“ Point St. Charles Sewer.....	400	00				
“ St. Andre Street Sewer.....	2154	88				
“ Des Rivieres, St. Antoine, and St. Francois de Sales Streets Sewer.....	8634	83				
“ St. Catherine Street Sewer.....	1317	00				
“ Inspector Street Sewer.....	4612	62				
“ Notre Dame Street Sewer.....	3832	08				
“ Making connections Forfar and Mignonne Streets.....	53	60				
“ Damages allowed Edmonstone for Coteau Baron Sewer.....	20	00				
“ Small Sewers during year.....	17987	10			55542	35
LE DEPARTMENT :—						
Costs of Staff, per Pay Lists, during year.....	11945	37				
“ of Nos. 1, 2, and 3 Companies.....	718	00				
for Horse Provender.....	1400	00				
Do new Horses purchased.....	350	00				
Materials, Furniture, &c., Fire Alarm Telegraph Department	791	78				
Contractors for Clothing, Boots, &c.....	1009	12				
Lining Stable, Dalhousie Square.....	156	02				
Carried Forward.....	\$16370	29	2196219	83		

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$	c.
Brought Forward.....					2196219	4
FIRE DEPARTMENT:—<i>Continued.</i>.....					16370	29
Cab and Sleigh hire for Chief for year.....					92	18
Do for Building Inspector for year.....					74	37
Policemen assisting do do					61	20
Stationery and Printing.....					81	78
New Carriages, Hose Reels, &c., with repairs for year.....					704	99
Tradesmen's Accounts for Material, Labour, &c.....					1240	97
Gas Company's Accounts for year.....					290	50
Fuel Account.....					396	39
Insurance Central Station \$6,000.....					24	00
Paid for Instruments and extension of Police Telegraph Line					283	21
					19619	8
INSTALMENTS OF LAND PURCHASES.						
Payments to sundry parties during year					4888	0
ROAD DEPARTMENT FOR 1867:—						
Wages to Stone Breakers since Dec. 31st, 1866.....					1591	4
LIGHT DEPARTMENT :—						
Gas Company for Champ de Mars light 1866.....					101	00
W. McRobie do do					75	12
St. Catherine Street Oil Lamps.....					67	50
Fullum Street do					22	00
Dufresne Street do					22	50
McKenna & Sexton 3 new lamps Papineau Market.....					82	14
Hedge for Cedar Posts.....					50	25
Royal Insurance Company 2 years lighting clock.....					100	00
Jesse Joseph, one lamp at Theatre.....					24	00
Petty disbursements, Cab hire, &c., during year.....					19	30
Gas Company 731 street Lamps, 1st quarter.....					4020	50
Do extra for 4 do additional.....					12	72
Do 735 do 2nd quarter.....					4042	50
Do 735 do 3rd do					4042	50
Do extra for 10 do additional.....					16	02
Do do for 2 do erected for Mayor.....					21	25
Do 745 do 4th quarter.....					4097	50
Do extra for 8 do additional.....					15	34
					16832	1
Carried Forward.....					\$2239151	1

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$	c.
Brought Forward.....					2239	151 2
CITY HALL :—						
Messenger for contingent expenses during year.....			230	00		
Fuel Accounts.....			681	83		
Contract for alterations and extra work in offices.....			542	80		
Tradesmen's Accounts namely :						
Joiner Work, Painting and Glazing.....	326	28				
New Stoves, Iron and Tinware.....	285	21				
Plumbers' Accounts.....	37	68				
Double Windows Fire Alarm Office.....	56	95				
					706	12
Desks supplied to City Treasurer, Auditor and Assessors' Offices....			358	25		
Oil Cloth, Matting, &c., per accounts.....			288	54		
Scales for weighing money.....					16	00
Whitewashing and various Accounts, Repairs, Cleaning, &c.....			147	19		
Ice supplied to different Offices.....					12	00
Insurance \$12,000 Office Furniture, &c.....			105	00		
Gas Accounts for City Hall Offices.....	203	52				
Council Chamber.....	239	36				
					442	88
						3530 61
CITY CONCERT HALL :—						
Paid Gas Company's Acc'ts for year—incurred chiefly in keeping the room for a Drill Room for the Volunteer Forces.....					895	98
SALARIES :—						
City Clerk, and Assistant City Clerk.....	3627	44				
City Treasurer, Auditor, and Clerks in Arrears and Assessment Department.....	8604	33				
City Surveyor, Assistant City Surveyor, Deputy, and Clerks of the Road Department.....	5400	00				
Chief Engineer, Fire Department, Building Inspector, and Messenger	2199	96				
Mayor's salary for 15 months.....	1500	00				
City Attorneys, Messrs. Stewart & Roy.....	3200	00				
Assessors, balances due from 1865.....	343	00				
Assessors and their Clerks, for 1866.....	4593	77				
Allowance made James Darcey, Messenger, for arrears salary.....	100	00				
					29568	50
Carried Forward.....						\$2273146 34

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$
Brought Forward					2273146
LEGAL EXPENSES:—					
Notarial accounts paid sundry parties	469	00			
Sheriff of Montreal, his claim for fees on sundry transactions extending over a term of several years	960	26			
Costs and contingent expenses in various suits decided against the City	376	29			
					1805
PRINTING AND ADVERTISING:—					
Advertising, Printing, Stationery, &c., for various departments during year, not elsewhere charged					6253
SCHOOL TAX:—					
Grant to Catholic School Trustees	3724	76			
“ Protestant “	1380	80			
					5105
GAOL GUARD:—					
Contribution for 1866, paid Sheriff					2400
BUILDING AND JURY FUND:—					
Contribution for 1866, paid Sheriff					1440
NEW HAY MARKET:—					
Sundry disbursements, including contract for New Weigh House, earth filling, labour, &c., &c.					5735
NEW FIRE POLICE STATION, POINT ST. CHARLES:—					
Amount expended to date					3000
DRILL SHED PROPERTY:—					
Amount deposited in Court for property expropriated	32705	70			
Sundry other disbursements	403	97			
Discount and Brokerage, less interest accrued on Coupons for \$43,500 Bonds disposed of	6635	75			
					39745
PROPERTY ON WOLFE STREET:—					
Purchase at Sheriffs sale, and other expenses connected therewith					711
Carried Forward					\$2339342

CASH DISBURSEMENTS—*Continued.*

	\$	c.	\$	c.	\$	c.
Brought Forward.....					2339342	95
ISCELLANEOUS:—						
Expenses of Municipal Elections, 1866,.....			95	83		
Volunteer Relief Fund, 50 per cent. on subscription of \$5000			2500	00		
W. Tessier, (late City Treasurer) gratuity allowed on resignation			750	00		
A. Lamontagne, allowance made him for services while Acting City Treasurer.....			200	00		
Charles Glackmeyer, (City Clerk,) grant to him for prepar- ing and codifying the Municipal Laws.....			600	00		
Expenses of Deputation to Ottawa			135	00		
Allowances made Militia Night Guard, during Fenian excitement			84	87		
Expenses removing Powder to and from St. Helen's Island.			451	24		
Ground rent on Griffintown lots			71	50		
Iscellaneous petty disbursements, not elsewhere enum- erated			500	19		
					5388	63
LATE CITY TREASURER, (E. DEMERS,) CASH ACCOUNT:—						
Various sums in notes and other obligations, counted as cash in the balance established as received from the late City Treasurer, some of which have been satis- factorily explained as incorrect, others being bad and uncollectable, are written off, and the remainder are in the hands of the City Attorney for collection.....			3519	45		
Amount of sundry other items charged this account as particularized in Auditors report.....			252	25		
					3771	70
Total cash disbursements.....					\$2348503	28

CITY HALL,

MONTREAL, April 24th, 1867.

I hereby certify that I have examined in detail, and as they occurred, the items comprising the foregoing account ; that the whole of the "Returns" from the various departments during the year, are duly accounted for therein ; that the disbursements are all for purposes specified and provided for in the appropriations of that year, and have been made only on "Warrants" duly certified by the heads of departments, and signed by not less than three members of Council ;—that the whole of the additions are correct, and that the unexpended balance of cash on hand at the close of the civic year, was six hundred and twelve dollars and seventeen cents.

WILLIAM ROBB,

City Auditor.

AUDITOR'S REPORT.

AUDITOR'S REPORT.

I beg herewith to submit the

“ANNUAL BALANCE SHEET OF THE GENERAL LEDGER,”

Shewing the state of affairs of the City of Montreal as they stood on the 31st day of January, 1867.

Last year I did so with some apprehension as to the accuracy of the figures in consequence of the state in which I found the Books ; now I do so with an equal amount of certainty.

From the system adopted at starting, and the severity of the tests to which it was subjected at each of the semi-annual Interest terms, I consider it quite safe to assume that there is not a bond outstanding which does not now appear on the Books.

In its course, however, \$72,000 have been added to the amount appearing at its commencement as will be seen by the account headed

LATE CITY TREASURER.

Against this, however, stands the sum of \$32,000 which was found subsequent to the date of my last report, standing at the credit of the City on special Bank deposit, and was doubtless part proceeds of the \$72,000 thus disposed of until a favorable opportunity should arise for investment in “Sinking Fund.” The various other debits and credits to this account leaving the total unaccounted for to date \$40,754.07.

That the unascertained balance after charging up every thing that has transpired so far is not greater, is, I think, a source of congratulation, as were it possible to get at the omis-

sions of disbursements which are just as likely to have occurred on the other side, it would probably be fully accounted for.

I have given detailed particulars of such of the accounts as do not fully explain themselves on the "Balance Sheet" as well as comparative statements of the Appropriations and Expenditure of the various Committees in 1866.

Some additional "Assets" will be found on it which were left in abeyance last year from uncertainty as to their validity; while one or two of the "Liabilities" have disappeared without corresponding disbursements in the Treasurer's Account Current: these will be found under the head of

"SUSPENSE ACCOUNT,"

to which they have been transferred until certain discrepancies in connection with them shall have been cleared up. The account headed

"ANTICIPATED FUNDS"

represents sums borrowed from different loans prior to disbursement on their direct account for the purpose of carrying on work in anticipation of the appropriations of 1867, which, when duly granted, will be made amenable to these.

In the comparative statement of the Bonds account, it will be seen that the whole of the issues are within the amounts authorized by the Legislature with the exception of the "Second Consolidation Loan" on which there is an excess of \$14,233,—occasioned by a portion of the \$72,000 having had to be charged to it—but inasmuch as there is yet a large balance to issue on the "Third Consolidation Loan" *it* will be chargeable with the difference so as to keep the total amount within that prescribed by the Acts. In order to do this, however, provision must be made in the Finance appropriation of 1867 for a like sum to reimburse the Third Consolidation Loan.

In the system of (internal) Audit now in force, I may briefly state that every department engaged in the receipt of Revenue is periodically visited and its Books checked over

and compared with the "Returns" made to the Treasurer; these, in their turn, as well as the warrants for disbursements (which are compared with the appropriations,) are checked with the Treasurer's Cash Book prior to posting into the General Ledger.

An actual balance of cash is counted at the end of each month and the Bank and Check Books compared, the details of the same being certified to and entered into a book kept for that purpose.

I have the honor to be,

Gentlemen,

Your obedient Servant,

WILLIAM ROBB,

City Auditor.

To His Worship

The MAYOR,

And Gentlemen of the Council. ,

CITY HALL, March, 1867.

COMPARATIVE STATEMENT OF APPROPRIATIONS AND EXPENDITURE, 1866.

APPROPRIATIONS.

1st. For the payment of Interest and Sinking Fund.....	320766 58
2nd. " general and ordinary expenses of the City, as under:—	
Finance Committee	42300 36
" Road "	100000 00
" Police "	58031 95
" Fire "	21556 25
" Water "	30000 00
" Market "	18340 50
" Light "	20000 00
" City Hall "	2600 00
" Health "	12600 00
" Recorder's Court Committee.....	7370 00
3rd. Reserve for contemplated improvements.....	6184 45
4th. " of 5 per cent. for unforeseen expenditure.....	33639 49
	<u>\$672789 58</u>

EXPENDITURE.

FINANCE COMMITTEE.	Appropriated.	Expended.	Over Expenditure.	Under Expenditure.
FIRST APPROPRIATION.				
Interest on City Bonds	259723 17	263645 00	3921 83	
" Floating Debt	12912 07	16836 27	3924 20	
Sinking Fund.....	48131 34	79722 00	31590 66	
	320766 58	360203 27	39436 69	
GENERAL APPROPRIATION, (\$42300 36.)				
Salaries of Mayor and Officers.....	19800 00	19204 88		595 12
" Attorneys and expenses	3400 00	4955 55	1555 55	
" Assessors and Clerks.....	5600 00	4936 77		663 23
Printing and Advertising.....	4000 00	6253 35	2253 35	
Catholic School Tax.....	3724 76	3724 76		
Protestant "	1380 80	1380 80		
Gaol Tax.....	2440 00	2400 00		40 00
Jury "	1440 00	1440 00		
Ground Rent.....	264 80	71 50		193 30
Contingencies, (C. T., Office).....	250 00	234 66		15 34
	363066 94	404805 54	43245 59	1506 99
SUBSEQUENT APPROPRIATION.				
Vote from reserve for City Clerk for preparing charter &c.....	600 00	600 00		
Vote from reserve for Volunteer Relief Fund.	5000 00	2500 00		2500 00
" " L. W. Tessier, gratuity.	750 00	750 00		
Carried forward	369416 94	408655 54	43245 59	4006 99

EXPENDITURE—Continued.

	Appropriated.	Expended.	Over Expenditure.	Under Expenditure.
Brought forward.....	369416 94	408655 54	43245 59	4006 99
ROADS, (General.)				
Original..... 100000 00				
Subsequent..... 10900 00				
	110900 00	106503 01		4396 99
ROADS, (Special.)				
From Reserve for contemplated Improvements Notre Dame St. Sewer..... 351 00				
From do Ontario Street Land 160 00				
	511 00	511 00		
POLICE.				
Original..... 58031 95				
Less transferred to special account 1000 00				
Subsequent..... 57031 95				
Subsequent..... 3653 00	60684 95	61762 37	1077 42	
RECORDER'S COURT.				
Original..... 7370 00				
Subsequent..... 122 00				
	7492 00	7981 29	489 29	
FIRE.				
Original..... 21556 25				
Less transferred to special account 2470 00				
Subsequent..... 19086 25				
Subsequent..... 702 83	19789 08	19336 67		452 41
WATER.				
Original..... 30000 00				
Subsequent..... 691 32				
	30691 32	33049 68	2358 36	
LIGHT.				
Original..... 20000 00				
	20000 00	16832 14		3167 86
CITY HALL.				
Original..... 2000 00				
Subsequent..... 500 00				
	2500 00	3530 61	1030 61	
HEALTH, (General.)				
Original..... 6600 00				
	6600 00	7203 51	603 51	
HEALTH, (Special.)				
For purchase of Deposit lot.....	6000 00	600 00		5400 00
Carried forward.....	634585 29	665965 82	48804 78	17424 25

EXPENDITURE—Continued.

	Appropriated.	Expended.	Over Expenditure.	Under Expenditure.
Brought forward.....	634585 29	665965 82	48804 78	17424 25
SPECIAL ACCOUNT.				
To Police Department for $\frac{1}{2}$ cost of New Station Point St. Charles. 1000 00				
To Fire Department " 1250 00				
	2250 00	3000 00	750 00	
" " for maintaining of do.....	1220 00			1220 00
MARKETS :—				
Bonsecours Market 4354 00		4569 68		
St. Ann's " o 2710 00 } s 64 00 }		2776 91		
St. Gabriel " 1310 00		1488 75		
St. Antoine " 1485 00		1346 34		
St. Lawrence " o 1183 00 } s 70 00 }		1317 59		
Papineau " 1222 00		1686 60		
Viger " 1079 00		1346 31		
Hay " 1197 50		1366 74		
New Hay Market and Scales.... 3800 00				
Subsequent grant to cover gen- eral overrun on Markets... 3000 00 }		5735 73		
	21474 50			
		21634 65	160 15	
RESERVE FUND.				
April 16. Voted to City Hall Com- mittee for alterations. 500 00				
May 7. Voted to Finance Com- mittee for City Clerk.. 600 00				
June 11. Voted to Finance Com- mittee for Volunteer Relief Fund..... 5000 00				
" Voted to Finance Com- mittee, L. W. Tessier. 750 00				
May 18. Voted to Market Com- mittee, increase Clerk salary..... 70 00				
June 13. Voted to Market Com- mittee, increase Clerk salary..... 64 00				
Oct. 17. Voted to Market Com- mittee, augmentation. 3000 00				
June 13. Voted to Police Commit- tee, increase Bailiff... 64 00				
Sept. 11. Voted to Police Commit- tee, increase Police pay 3483 00				
" Voted to Police Commit- tee, increase Duverger, S 58 00				
Carried forward.....	659529 79	690600 47	49714 93	18644 25

EXPENDITURE—Continued.

		Appropriated.	Expended.	Over Expenditure.	Under Expenditure.
Brought forward.....		659529 79	690600 47	49714 93	18644 25
RESERVE FUND—Continued.					
1867.					
Jan'y. 16. Voted to Police Committee, Indemnity Pelletier	170 00				
Sept. 11. Voted to Fire Committee increase Fire Police..	702 83				
" 26. Voted to Water Committee, for Street P. S. C.	500 00				
" Voted to Water Committee, increase Bailiff...	58 00				
Nov. 7. Voted to Water Committee, increase Accountant	133 32				
Oct. 17. Voted to Road Committee Indemnity Evans	500 00				
" " St. Louis..	400 00				
Nov. 7. Augmentation	10000 00				
Total apportioned in previous pages.....	26053 15				
Balance unappropriated.	7586 34	7586 34			7586 34
Total of the Reserve.	33639 49				
RESERVE FOR CONTEMPLATED IMPROVEMENTS.					
Sept. 11. Voted to Road Committee for expenses in connection with Notre Dame Street Sewer...	351 00				
Voted for land required on Ontario Street.....	160 00				
Apportioned to roads in previous sheet.....	511 00				
Balance unappropriated.	5673 45	5673 45			5673 45
Total of this Reserve.	6184 45				
Total sum appropriated for 1866...	\$672789 58	690600 47	49714 93	31904 04	
Excess.—To be provided for in the appropriations of 1867, to reimburse the Treasurer		17810 89		17810 89	
		\$672789 58		\$49714 93	

LATE CITY TREASURER (E. DEMERS) IN ACCOUNT WITH CITY OF MONTREAL.

1865		1865			
Nov.	To Cash paid overdrawn Balances on special Bank accounts at death of E. Demers	7619 34	Nov.	By Cash, Bank Balances overdue checks and Notes, Bons, &c., as found by Finance Committee on decease of E. Demers.....	106043 21
	To Cash paid sundry items due on Pay Lists which were entered to credit at full amount.....	291 67	Dec. 7.	By amount of discount on Note for \$100,000 entered opposite.....	1750 00
Dc. 7.	To Cash retired Bill Payable discounted at Bank 3rd Sept., 1865, and omitted to be entered.....	100000 00	1866		
1866			March 7.	By amount of special deposit for Sinking Fund of 1865 discovered this day at credit of the City on that account in Bank not entered in Cash Book.....	32000 00
Feb. 20.	To Cash per receipt for assessments presented this day not credited.....	130 00	1867		
Oct. 9.	To Cash per do do	110 25	Jan. 31.	By balance unaccounted for to date...	40754 07
Nov. 5.	To Cash per do do	12 02			
Dec. 18.	To Cash per do do (Interest)	384 00			
To Bonds as under:—					
	3 Consolidation omitted.....	5000 00			
	2 do duplicated...	2000 00			
	11 Drainage omitted.....	22000 00			
	18 Notre Dame Street omitted.	36000 00			
	1 Market Loan.....	1000 00			
	3 Water Works.....	6000 00			
		72000 00			
		<u>\$180547 28</u>			<u>\$180547 28</u>
1867					
Jan. 31.	To Balance.....	\$40754 07			

Memo:—From this sum of \$40,754.07 will be deducted (so soon as ascertained) the rate of discount at which the \$72,000-of Bonds were sold, which will reduce the former figures by some \$8000 to \$9000.

STATEMENT OF THE GRAND TRUNK RAILWAY COMPANY'S ACCOUNT.

This is a debt of obligation or transfer arising out of the purchase by the Grand Trunk Railway Company of the Line of the St. Lawrence and Atlantic Company, which at the time of the sale held £125,000 of Corporation Debentures on Loan (granted them to promote the speedy completion of their line under authority of an Act of Parliament 12 V. C. 126) which they were bound to retire at their maturity in the following order:

£25,000	on	1st March, 1857
25,000		1st June, 1859
25,000		1st Oct., 1861
25,000		1st Oct., 1863
25,000		1st Sept., 1865

This obligation the G. T. R. assumed in their deed of purchase and agreed to pay. The Company duly met the 1st and 2nd Instalments but failed to retire the others, which necessitated the issuing by the City of the loan known as the "Redemption of Debenture Loan," for the purpose of raising funds to meet them. The Interest on this loan costs the City \$21,000 annually, but of course the indebtedness of the G. T. R. Co., as under, bears a corresponding rate although it is not included below.

		\$	c.	\$	c.
1861	To Cash retired 3rd Instalment of Debentures.....	100000	00		
	To do. per Interest accrued to date of retirement....	26042	00		
1863	To Cash retired 4th Instalment.....	100000	00		
	To do. per Interest accrued on same.....	16050	00		
1865	To Cash retired 5th and last Instalment.....	100000	00		
	To do. per Interest accrued on same.....	12900	13		
	To Discount of \$350,000 Bonds sold to raise funds for above	22077	57		
				\$377063	70

CITY TERMINUS ACCOUNT.

This Account represents the amount of the Contribution of the City of Montreal towards the establishment of a Central Terminus as authorized by the Act 27, 28, Vic. Cap. 60 (\$50,000) and was disbursed as follows :—

		\$	c.	\$	c.
1864					
June 8	To Cash paid Walter Benny for Land on Albert Street.....	70	00		
	To Amount paid T. McCready in Terminus Bonds for do....	6000	00		
Aug. 6	To Cash paid William Watson for do....	600	00		
	To Amount paid Wm. Dow in Terminus Bonds for do....	11000	00		
1866					
April	To Cash deposited with Prothonotary for Expropriated Property Albert Street.....	35876	46		
	To Cash paid sundry Commutations for do.	1114	71		
	To Cash paid Commissioners and Witnesses.....	486	60		
	To Cash for Printing, Advertising, making Plans, &c.....	248	78		
	To Cash paid discount on \$33,000 Bonds sold.....	3465	00		
				58861	55

Cr.

By Cash proceeds of sale old material.....	314	55		
By Cash refunded by Grand Trunk R. R. Co., being amount spent by City in excess of its grant of \$50,000.....	8547	00		
			8861	55
				<u>\$50000 00</u>

STATEMENT OF ACCOUNT HEADED BORROWERS FROM TRUST AND LOAN COMPANY.

This account is made up as follows :—

After the "great fire" in Montreal the Trust and Loan Company advanced money to the sufferers for the purpose of rebuilding destroyed property on the City becoming guarantee for any deficiency which might arise from the buildings in question not being sufficient to cover the claims of the Company in the event of their having to sell any of these for arrears. Several of these properties were so forced into the market and were bought in by the Corporation.

The undermentioned sums shew the difference between the amounts realized and that which the City had to pay to the Company and for which it has nothing now to look to but the persons of the debtors.

The City is still liable for a number of these loans, besides those which have been foreclosed as under, but the balances unpaid form so small a proportion of the value of the properties that no further loss is likely to arise.

	\$	c.	\$	c.
Marie Latrimouille balance after sale of property	924	64		
Pierre Cadieux " " "	493	39		
Amable Monrois " " "	1665	66		
Elizabeth B. Henderson " " "	2375	35		
Louis Vadeboncœur " " "	6518	87		
E. Leduc " " "	1622	73		
Elizabeth Hall " " "	4077	10		
Simon Lacombe " " "	2617	74		
Toussant Cherrier " " "	1533	54		
Mrs. Stephens " " "	1280	56		
House in Panctstreet " " "	2072	22		
House in St. Catherine street " " "	2041	73		
	<hr style="width: 100px; margin-left: 0;"/> \$27223		53	

STATEMENT CONDENSED FROM BALANCE

Shewing general financial position of the City as distinguished from that prepared for
the current civic year of 1867.

TOTAL DEBT—31st Jan'y, 1867.....	\$5129351 60
Comprised as follows :—	
Outstanding Bonds.....	4753667 02
FLOATING DEBT :—	
Overdue Bonds unrepresented.....	43242 35
Arrears of Interest.....	624 00
Instalments maturing on property.....	77590 04
Anticipated Funds.....	55215 88
Open Accounts.....	199012 31
	<hr/> 375684 58
	<hr/> \$5129351 60

Sources from which provision is made to meet the Floating Debt as it matures.

Consolidation Bonds, portion of Loan authorized for that purpose, 1866, still unsold \$188,000 will realize say.....	170000 00
Arrears of Street Improvements, disbursement on this account forming part of "Floating Debt".....	80414 73
Arrears of Drainage accounts, disbursements on this account forming part of "Floating Debt".....	8417 20
Anticipated Funds—provided for in appropriations from Revenue of 1867....	22830 00
Suspense Account. Amount covered by arrears other than the above.....	8000 00
Petty Ledger accounts.....	3519 45
Balance due by purchasers of Municipal Property.....	35098 54
Do. by Borrowers from Trust and Loan "Fire Relief Fund".....	27223 53
Do. by Grand Trunk Railway Company.....	377069 70
	<hr/> 732573 15

Deduct :—

The \$170,000 of the above when consolidated as shewn in first item will then represent.....	188000 00
	<hr/> 544573 15
Total amount of Floating Debt as above.....	375684 58
	<hr/> Surplus..... \$168888 57

ABSTRACT STATEMENT OF WATER WORKS ACCOUNT.

Dr.		Cr.	
To Old Water Works Bonds.....	200000 00	By Water Works Property, reckoned at amount	
" New Water Works Bonds.....	1559200 07	spent on Permanent works to date....	2646135 33
" Municipal Loan Debentures	800000 00	" Amount of Sinking Fund deposited with	
" Balance Due Treasurer on Current account.	672546 89	Receiver General on account Municipal	
" Advances made by Treasurer on special ac-		Loan of \$800,000 with Interest to date.	260200 00
count for Extension of Reservoir—none		" Amount Expended to date on Extension of	
of the Bonds for that Loan being yet		Reservoir not included above & charged	
sold	10596 83	as a liability opposite.....	10586 83
		" Amount of outstanding arrears of this De-	
		partment at date.....	164867 54
		Balance.....	160544 09
	<u>3242333 79</u>		<u>3242333 79</u>

It will be seen from the above statement that although the Water Works is indebted to the Treasurer for advances to the extent of \$672,546.89 it shows Permanent Assets to within \$325,411.63 of the amount. In other words \$347,135.26 has been spent on these over and above the proceeds of the Bonds sold for that purpose as per statement following:—

Bonds.....	2559200 07
Balance Current Acc't...	672546 89
	<u>3231746 96</u>
Property	2646135 33
Sinking Fund.....	260200 00
	<u>2906335 33</u>
	325411 63
Difference	347135 26
	<u>\$672546 89</u>

COMPARATIVE STATEMENT OF REVENUE WITH INTEREST OF THIS DEPARTMENT.

Dr.		Cr.	
To Int. @ 6 per cent on above debt of \$3,231,746.96	193904 81	By Receipts of 1866, being total amount received	
Balance towards administration.....	9436 31	from all sources—Water Rates, Arrears	
		of same and Job Ledger accounts.....	203341 12
	<u>203341 12</u>		<u>203341 12</u>
Administration of 1866, cost.....	33049 67		
Deduct above.....	9436 31		
Deficiency	<u>\$23613 37</u>		

COMPARATIVE STATEMENT OF BOND ACCOUNT, 31st JANUARY, 1867.

ACT.	When Passed	When Redeem- able.	Purpose.	Amount authorized.	Amount Issued.	Balance to Issue.	Redeemed.	Over Issue.	RECAPITULATION.
7 Vic. 44 Cap.	9th Dec. 1843	1st May 1868	Purchase Old Water Works.	200000 00	200000 00	.....	.....		Total amount authorized..... \$4597001 52
15 " 127 "	30th Aug. 1851	1st Nov. 1876	Extending do	200000 00	200000 00	.....	.....		Issued or to issue as under:—
16 " 26 "	10th Nov. 1852	1st May *1868 } †1873 }	1st Consolidation.....	608333 75	413666 95	.....	194666 80		Outstanding 3953667 02
16 " 127 "	23rd May 1853	1st Nov. 1878	New Water Works.....	730000 50	730000 50	.....	.....		Redeemed 194666 80
19 " 70 "	19th June 1856	1st Nov. 1881	Completing same.....	243333 57	243333 57	.....	.....		To Issue..... 462900 70
23 " 72 "	19th May 1860	1st May 1885	2nd Consolidation.....	486667 00	500900 00	.....	.....	14233 00	Less Over Issue
23 " 72 "	19th May 1860	1st May 1885	Market Loan.....	48666 70	48400 00	266 70	.....		2nd Con.... 14233 00 448667 70
24 " 67 "	18th May 1861	1st Nov. 1886	Completing Water Works..	200000 00	200000 00	.....	.....		<u>4597001 52</u>
25 " 44 "	9th June 1862	1st May 1882	Redemption G. T. R. Deb...	350000 00	350000 00	.....	.....
25 " 44 "	9th June 1862	1st May 1887	Fire Alarm Telegraph.....	20000 00	20000 00	.....	.....
25 " 44 "	9th June 1862	1st May 1887	1st Drainage.....	175000 00	175000 00	.....	.....
27-28 " 60 "	30th June 1864	1st Nov. 1889	2nd Drainage.....	150000 00	150000 00	.....	.....
27-28 " 60 "	30th June 1864	1st May 1889	Notre Dame Street.....	150000 00	98000 00	52000 00	.....		Total Outstanding 31st January, 1867.. \$3953667 02
27-28 " 54 "	30th June 1864	1st May 1874	City Terminus.....	50000 00	50000 00	.....	.....
27-28 " 54 "	30th June 1864	1st May 1890	New Hay Market.....	60000 00	60000 00	.....	.....		Add to this the amount of the Govern-
29 " 58 "	18th Sept. 1865	1st May 1891	Drill Shed.....	75000 00	43500 00	31500 00	.....		ment Loan to Water Works..... 800000 00
29 " 58 "	18th Sept. 1865	1st Nov. 1890	3rd Drainage.....	75000 00	73000 00	2000 00	.....	
29 " 58 "	18th Sept. 1865	1st May 1891	Additional Main W. W.....	200000 00	185866 00	14134 00	.....		Per Balance Sheet..... \$4753667 02
29-30 " 56 "	15th Aug. 1866	1st May 1892	3rd Consolidation... ..	400000 00	212000 00	188000 00	.....	
29-30 " 56 "	15th Aug. 1866	1st May 1892	Extension of Reservoir....	100000 00		100000 00	.....	
29-30 " 56 "	15th Aug. 1866	1st May 1892	Protection of Aqueduct....	75000 00		75000 00	.....	
				4597001 52	3953667 02	462900 70	194666 80	14233 00	

* £35,000 sterling.
† 50,000 "

REPORT
OF
THE CITY SURVEYOR,
ON THE VARIOUS WORKS EXECUTED BY
THE ROAD DEPARTMENT,
OF THE
CITY OF MONTREAL,
DURING THE YEAR 1866,

Presented to the Council agreeably to the By-Law,

On WEDNESDAY, 13th MARCH, 1867.



MONTREAL:
STARKE & CO., PRINTERS, ST. FRANÇOIS XAVIER STREET,
1867.

TO THE MAYOR, ALDERMEN, AND CITIZENS
OF THE CITY OF MONTREAL.

GENTLEMEN,—

I have the honor to submit the following Report on the works executed and the amount expended by the Road Department during the civic year ending 31st January, 1867, with some remarks on the works proposed to be carried out during the present year. The accompanying Schedules describe as follows:—

No. 1.—The work done in any Street during the past year.

No. 2.—Describes the property bought and sold by the Corporation during the past year, with dates of purchase or sale, &c.

No. 3.—Stone block Paving and Stone Flagging laid in various Streets.

Nos. 4 and 5.—Brick Sewers built during the past season.

No. 6.—A list of Board Fencing done in various Wards.

No. 7.—A list of Streets in which Sewers have been constructed, with their lengths and cost per lineal yard or box, from the year 1857 to 1867.

No. 8.—A Statement of the expenditure in each Street during the past year, with a summary of it.

No. 9.—A Tabular statement of the expenditure of the Road Department from the date of the incorporation of the City in 1840 to 31st January, 1867.

The construction of Main Sewers has been proceeded with rapidly under Messrs. Philbin & Frigon, who had the contract for the large Sewer in William Street;

Messrs. Bowie & Payette, who built the small Sewers in various streets; Messrs. Baily and Harrington, who constructed the Sewer in St. Catherine Street, from Amherst to Labelle Streets; and Mr. McKenna, who contracted for the large Sewer from Bonaventure through Desrivieres, St. Antoine, St. Francois de Sales, and Peel Streets to St. Catherine Street, where it was connected with the main Sewer in that Street and with the Creek which discharges into it, and which in spring and fall freshets has caused the flooding of some cellars in St. Catherine Street, east of that point. It is proposed to continue this Sewer, next season, along St. Catherine Street to Mansfield Street at a lower level than the existing one.

I am of opinion, however, that it would be advisable previous to doing so, to consider whether it would not be better to rebuild the Sewer in St. Catherine Street from Peel to University, thence up University to Coteau Baron Sewer.

The William Street Sewer now extends to Eleonor Street, where it temporarily cuts off the Creek there, the work of constructing this Sewer proved more expensive than was expected; beyond Inspector Street, for some distance, sheet piling had to be driven through the quicksand found there, so as to prevent damage to the buildings on either side. The contract for this Sewer extended to McCord Street, but the season being far advanced when Eleonor Street was reached it was deemed advisable to stop there till next season. The Sewers in Griffintown were nearly all built to discharge into the old Sewer in William Street. They are near the surface and have scarcely any fall; many of them were constructed of wood, and are now nearly full of sediment, and require to be frequently cleaned. These lateral sewers in Griffintown should be taken up and replaced by new ones of brick on grades to suit the new Main, which is from 7 to 8 feet below the old one. Now that the William Street Sewer taps the Creek at Eleonor

Street, I would recommend that the old Creek from McGill Street to Inspector Street be filled up before the hot weather sets in. A very great nuisance has been removed in that neighborhood by the construction of a Sewer from William Street through Inspector Street, Chaboillez Square and Albert Street,—it connects with other Sewers, drains all the low land there, and has allowed of the old Creek there (one of the greatest nuisances in the City) to be filled up and Albert Street to be graded.

The Coteau Baron Sewer was designed to be continued through Sherbrooke Street to Guy Street so as to effectually cut off the water from the Mountain and assist in scouring that Sewer and in relieving others.

Another new main will, I think, be ere long required to be constructed in the valley lying between Mignonne and Sherbrooke Streets, from near Panet Street to Fulum or some other Street near it ; a new Street must soon be opened through this valley.

With the exception of a new Sewer 3" x 2", built in St. Catherine Street to drain the lowest part of St. André Street, none others need be mentioned here, as the lengths and costs of all can be found in Schedule No. 6.

Some repairs are required to the Sewer in Craig Street, near St. Elizabeth Street, and to the Sewer below the Papineau Market, as also in the Lacroix Street tunnel. The Point St. Charles Sewer should also be continued to the Creek which crosses Grand Trunk Street.

For the past two seasons the Corporation has let the construction of small Sewers to Contractors on the condition that payments for the work done by them would only be made to them as the money was received by the City Treasurer from the parties required by law to pay it.

This may appear on first sight to be hard on Contractors, but in reality it is not, as a contractor will, when he makes up his estimates, take into account the delays

and vexations of law suits to collect the money, the interest on same until it is collected, and tender for the work accordingly. The proprietors in the Street where a new Sewer is constructed are the only ones who suffer by this arrangement.

Next in importance to Sewerage in the improvement of the City during the past year is that of the opening, widening or extending of Streets. Schedule No. 2 describes them, and in comparing it with those of previous years, it will be found that more was done in last year than in any former one. A great increase in the value of some of the improved Streets is evident. In Notre-Dame Street, properties, which a few years previous to its being widened throughout (as it will be next year) the Corporation could have then bought at \$2.19 per superficial foot what would now bring \$7.00 per square foot.

Preparations should be made during the ensuing season for paving this Street with good granite or syenite blocks in 1868. The blocks of limestone which were laid previous to the widening of the Street have become so worn down and so much sunk, in many places where excavations have been made for Sewers, Gas or Water Pipes, that it would be advisable to take them all up, redress them and use them in streets where there is not so much traffic; for this season the portion widened might have a coat of broken stones—these to be used for bottoming in 1868. Previous to repaving, a proper Sewer should be constructed in such portions of the Street where there is none; the Water and Gas Pipes should be made as perfect as possible, so as to leave the paving for years without breaking it up; and it ought to be considered whether or not the Montreal City Passenger Railway Company should move their track into the centre of the Street, and also if the footpath on the south side of the Street be made of the same width as that on the north side.

A large quantity of stone flagging will be required for this and other streets next season. The Road Committee, aware of this, visited several places with the view of making arrangements for a large quantity of stone of a suitable quality at a reasonable price, could such be found, but did not succeed very well. It might be well to advertise in various parts of the Province for a large quantity so as to induce parties who had really good flag stones to send samples, and if they were found suitable to offer such inducements to quarry extensively as would, in a few years, enable us to do away with cull deals for footpaths.

A small piece of Nicholson's wooden block paving was laid down in Jacques Cartier Square, from Commissioners Street to St. Paul Street; it forms a cheap, smooth and almost noiseless roadway, but I am of opinion that there is no comparison as to wear between it and granite. The rest of Jacques Cartier Square is proposed to be paved next season. A width of 40 feet measuring from the curb stone on each side of this portion of the Square should, I think, be laid with granite blocks—the remainder might be laid of Brockville stones, or stones of equal quality.

Among the Streets proposed to be extended are Upper Bleury and Upper St. Urbain to St. Catherine's Road, St. Denis and Berri to Petite Cote Road—the land for the two latter might be obtained, if not gratis, for at most a nominal sum; the extension of either St Denis or Berri Streets would remove a great deal of the heavy traffic from St. Lawrence Main Street.

The extension of St. Catherine Street eastwards to the City limits or to join the road to Longue Point would relieve St. Mary Street.

I have frequently recommended the laying of curb stones to proper grades and paving water courses in all the main macadamized Streets, as also the laying of flag stones, 4 to 6 feet broad in the centre of the footpath,

with engine ashes spread between the flagstone and the curb, and between the flagstone and house or street line; very little has been done about it as yet. Ex-Alderman Rolland has, however, set the example by having it done opposite his fine new Block in Berri Street; the flag stones he has laid are, however, about a foot too narrow.

The Water Committee, requiring more storage for supplying the City with water, proposed to excavate 10,000 toises of stones from the Reservoir and the Road Committee agreed to pay one-half of the cost of so doing provided the stones were deposited in such Streets as the Road Committee require them, and that the whole be delivered by 1st October next. Up to date not 3,000 toises have been toised in the Streets, altho' a considerable quantity has been delivered, but are not yet toised. It seems almost useless for me to protest year after year against using such stones as are obtained from the Reservoir, viz: Black limestone with a few veins of Banc-Rouge crossing it here and there to macadamize our Streets, when we could get good hard trap rock for about 20 per cent more, which will last three times as long and make a much better roadway. So long as we continue to use this soft limestone for metalling our Streets, we need not be surprised at invidious comparisons being drawn between the state of so called macadamized roads inside of the City and those outside, even though the traffic is much greater inside than outside.

A good deal of work was done last season in sweeping the streets, more is proposed to be done during the coming season; last year Mr. Critcherson brought one of his Street Sweeping Machines here on trial, it seemed to answer very well, until one of the wheels got into a deep hole at a grate in the gutter of St. Paul Street, where it broke down, and as he had an offer from Chicago for it, he sent it to that city, he, however, proposes to bring another on here this spring, to show what it can

do. We have ordered a street scraper, to be worked by two men, which, I feel sure will give satisfaction ; if it does, we can have more made on the same pattern here. We have also introduced a new mode of loosening the snow from the streets, by means of a plough, this has effected, already a great saving over the old method of picking it. It has been found to work well, only, when the snow in the streets is not congealed to a depth of over 6 inches, but I have no doubt from the experience we have had of it, that a plough can be constructed for next season, that will effect a large saving, even when there is one foot of congealed snow or ice on the streets. Another proposed improvement in scavenging, is that there have been a number of large carts ordered for the Department, which will carry one half more than the old *tombreaux*, it is proposed to let these to parties who will furnish horses and men, and also to give a higher rate of pay to parties who will furnish similar carts.

There has been much dissatisfaction expressed at the manner in which the footpaths are kept during winter, one party cutting the ice opposite his premises, down to the level of the footpath, while his neighbour leaves his 8 inches above it. Four special Policemen are supposed to look after this duty, but they are frequently called away on other duty, at the very time they are wanted on this. Perhaps the simplest way to abate the nuisance, would be to put a small tax on the proprietors in each of the principal streets, for it is chiefly in them that the evil is complained of, and let the work be done in them by the Corporation. Another thing in connection with the above, parties frequently make complaints against their neighbors, but when they are called upon to give their evidence in Court, they do not appear, and the cases are dismissed.

All the Public Squares have been kept in fair order during the year, Viger Square and Conservatory begin

to be a credit to the City. Since the Hay Market has been removed from Victoria Square, a good opportunity is offered to embellish the north side of the Square in a similar manner to the south side, but instead of a Basin and Jets d'Eau in the centre of it, I would propose a Conservatory similar to that erected in Viger Square.

No further action has yet been taken towards having a Park on the top of the Mountain, altho' land is rapidly increasing in value in its neighborhood, and since the subject was mooted, many new and handsome buildings have been erected near to it.

The yard on Craig Street, which the Road and Water Departments use as a Depot for materials, being required for a Drill Shed, it will be necessary to find another for those Departments without delay.

A large number of shafts with branch sewers are still required to take off the surface water, these, as you are aware, are now all required to be built of bevelled brick, as are also the small sewers and the invert and crowns of all large sewers.

The map of the City contracted for, is not yet delivered. Messrs. Plunkett & Brady, who contracted for it, have handed over to Mr. W. Shanly a map of the City, on a scale of 200 feet to an inch, and also their field notes. The plan on a scale of 20 feet to an inch as agreed for, is not yet plotted. The plan on this latter scale, will be of more value to the Corporation than that on 200 feet to an inch and if the Corporation agree with Mr. Shanly for the plan on the scale of 200 feet with the field notes, it will be necessary for them to have this plan on 20 feet to an inch, constructed from the field notes without delay. Many surveys which the Department has to make, could be dispensed with, had we Messrs. Plunkett and Brady's field notes to plot from.

The Fire Department wishes to get rid of the duty of watering the streets during the summer. I beg to

call your attention to this matter, as the season for street watering is near at hand, and some understanding between the Road and Fire Departments should be come to without delay.

I have the honor to be,

Gentlemen,

Your obedient servant,

P. MACQUISTEN,

City Surveyor.

CITY SURVEYOR'S OFFICE,
City Hall,
 MONTREAL, 13th March, 1867.

SCHEDULE No. 1.

LIST OF WORK DONE

IN THE

DIFFERENT STREETS OF THE CITY,

During the Civic Year ending 31st January, 1867.

EAST WARD.

Bonsecours Street.—Cleaned frequently; roadway repaired with metalling; 484 lineal feet of new sidewalk laid down.

Champ de Mars Street.—Roadway repaired with broken stones; water courses formed; footpaths repaired.

Commissioners Street.—Cleaned frequently.

Craig Street.—Frequently cleaned; water courses formed.

Dalhousie Square.—Cleaned frequently; 90 lineal feet of new sidewalk put down.

Jacques Cartier Square.—Frequently cleaned; roadway repaired with metalling; footpaths repaired.

Lacroix Street.—The hill lowered to make a more easy ascent to Dalhousie Square; 77 lineal yards of retaining wall built to support the sides of the cutting, and an iron guard railing placed on the wall.

Notre Dame Street.—Cleaned frequently; repaired with broken stone; 920 lineal feet of new sidewalk made.

St. Amable Lane.—Frequently cleaned.

St. Claude Street.—Cleaned; roadway repaired with 53 loads of broken stone; 652 lineal feet of new footpath put down.

St. Gabriel Street.—Cleaned several times; roadway from Craig Street to Fortification Lane repaired with metalling.

St. Louis Street.—Cleaned several times; roadway repaired with broken stone; 1237 lineal feet of new sidewalk put down.

St. Paul Street.—Cleaned frequently; brick and wooden footpaths repaired.

St. Therese Street.—Cleaned frequently; water courses formed; footpaths repaired.

St. Vincent Street.—Frequently cleaned; roadway repaired with metalling.

Vaudreuil Street.—Cleaned frequently; footpaths repaired.

Victor Street.—Cleaned frequently; roadway repaired with broken stone; footpaths repaired.

CENTRE WARD.

Capital Street.—Cleaned several times; old drain taken up and a new 24 inch brick drain constructed from St. Francois Xavier Street, extending 57.33 lineal yards towards Custom House Square.

Commissioners Street.—Cleaned frequently; roadway repaired with metalling from Jacques Cartier Square to St. Francois Xavier Street.

Custom House Square.—Cleaned frequently.

Fortification Lane.—Cleaned several times; water courses formed; a new 24 inch brick drain constructed, extending from the end of the old drain 21.3 lineal yards towards St. Gabriel Street; roadway repaired with broken stone; 53 lineal feet of new sidewalk put down.

Little St. James Street.—Cleaned frequently.

Notre Dame Street.—Cleaned frequently; roadway repaired with metalling.

Place d'Armes.—Cleaned several times; sidewalks repaired with gravel.

St. Jean Baptiste Street.—Cleaned frequently; 293 square yards of cobble paving repaired; footpaths repaired.

St. Lambert Street.—Cleaned several times.

St. Paul Street.—Cleaned several times; shafts repaired.

St. Sulpice Street.—Cleaned frequently.

WEST WARD.

Commissioners Street.—Cleaned frequently; roadway repaired with macadam; 1 new shaft put in and 2 shafts cleaned.

Common Street.—Cleaned, and the water courses formed.

Craig Street.—Cleaned frequently; roadway repaired with macadam; 1 new shaft put in and some shafts cleaned.

Dollard Street.—Cleaned occasionally; footpaths repaired.

Fortification Lane.—Cleaned frequently; water courses formed; 1 shaft repaired; 40 lineal feet of new sidewalk put down.

Foundling Street.—Cleaned several times.

Great St. James Street.—Cleaned 3 times a week during the summer; 112 lineal feet of footpath put down.

Hospital Street.—Cleaned several times; holes in roadway filled with macadam; 43 lineal feet of new footpath put down.

Lemoine Street.—Cleaned several times; holes filled with macadam.

McGill Street.—Cleaned twice a week during the summer; roadway repaired with macadam; footpaths repaired; 1 shaft repaired.

Notre Dame Street.—Cleaned three times a week; footpaths repaired; brick drain (3' x 2'.0 $\frac{3}{4}$ ") constructed from McGill Street to St. Francois Xavier Street; 4 new shafts put in.

Port Street.—Cleaned occasionally; footpaths repaired.

Recollet Street.—Cleaned several times; 51 loads of macadam put on roadway; a coat of banc-rouge (from the gaol) put on from McGill Street to St. Helen Street; 275 lineal feet of footpath put down.

St. Alexis Street.—Cleaned occasionally; 255 lineal feet of sidewalk put down.

St. Eloi Street.—Cleaned.

St. Francois Xavier Street.—Cleaned frequently; 241.1 square yards of block stone paving laid between St Paul Street and Commissioners Street; 90 lineal feet of new sidewalk put down.

St. Helen Street.—Cleaned several times; roadway repaired with broken stone, and a coating of banc-rouge (from the gaol) put on; 130 lineal feet of sidewalk laid down.

St. John Street.—Cleaned 3 times a week during the summer; 100 lineal feet of new footpath put down.

St. Nicholas Street.—Cleaned 3 times a week during the summer.

St. Paul Street.—Cleaned 3 times a week during the summer; block paving and sidewalks repaired.

St. Peter Street.—Cleaned frequently; 96 loads of macadam spread on roadway between Craig Street and Great St. James Street; 364 lineal feet of new footpath put down.

St. Sacrament Street.—Cleaned 3 times a week during the summer; holes in roadway filled with macadam; 61 lineal feet of new footpath laid down.

Victoria Square.—Cleaned twice a week during the summer; water course formed on the east side.

Youville Street.—Cleaned; water courses formed; a heavy coat of macadam from the reservoir put on from McGill Street to Common Street.

ST. ANN'S WARD.

Ann Street.—Cleaned and roadway repaired with macadam.

Barré Street.—Water courses formed and two shafts cleaned and repaired.

Basin Street.—Cleaned and levelled.

Canal Street.—48 lineal feet of footpath laid.

Centre Street.—A new 24 inch brick sewer constructed from Grand Trunk Street to Richmond Street, and from Seigneurs Street to the City limits; 115 lineal feet of new footpath, and 80 lineal feet of crossing put down.

Colborne Street.—Cleaned frequently; roadway repaired with macadam from St. Joseph Street to Ottawa Street; water courses formed; one shaft cleaned.

Common Street.—Cleaned; roadway repaired with macadam; water courses formed.

Congregational Street.—24 inch circular brick sewer laid from Wellington Street 266½ lineal yards westward.

College Street.—Cleaned frequently; roadway repaired with macadam; one new shaft built.

Dalhousie Street.—Cleaned; holes filled with macadam; 54 lineal feet of footpath laid.

Duke Street.—Cleaned; a quantity of old stone spread on roadway between Ottawa and Wellington Streets; footpaths repaired.

Dupré Lane.—Cleaned and footpath repaired.

Farm Street.—Footpath repaired.

Forfar Street.—24 inch circular brick sewer laid from the River St. Lawrence to St. Etienne Street.

Grey Nun Street.—Cleaned occasionally.

Inspector Street.—Cleaned several times; water courses formed and footpaths repaired.

Kempt Street.—Cleaned; the large stones on the north west end were broken and a heavy coat of macadam spread over the roadway; water courses formed.

King Street.—Cleaned and ruts levelled.

Madelaine Street.—24 inch circular brick sewer laid from Wellington Street eastward 285 lineal yards.

Manufacturers' Street.—60 lineal feet of footpath laid.

Mondelet Street.—Water courses formed; the old drain cleaned; one shaft cleaned.

McCord Street.—Cleaned several times; roadway repaired with macadam; water courses formed and the ditch cleaned from the creek to William Street; bridge over the creek repaired, and footpaths repaired.

McGill Street.—Cleaned frequently during the summer; a heavy coat of blanc-rouge (from the gaol) laid on between Common and St. Maurice Streets; 103 lineal feet of new footpath laid and old footpath repaired.

Murray Street.—Cleaned occasionally and footpaths repaired.

Nazareth Street.—Cleaned.

Ottawa Street.—Cleaned; roadway repaired with macadam; water courses formed; 100 lineal feet of footpath laid.

Prince Street.—Cleaned several times and roadway repaired.

Queen Street.—Cleaned.

Sebastopol Street.—50 lineal feet of footpath and 30 lineal feet of double crossing laid.

Seigneurs Street.—Cleaned; roadway repaired with broken stone between St. Joseph and Basin Streets; 24 inch circular brick sewer laid from Grand Trunk Street to St. Patrick Street; footpaths on north east side repaired. Approaches to the new bridge across the Canal, made and macadamized and the street opened for traffic.

Shannon Street.—Water courses formed and 48 lineal feet of footpath laid.

Smith Street.—Cleaned and water courses formed.

St. Joseph Street.—Cleaned frequently; holes in roadway filled with macadam; some shafts cleaned; footpath laid on north west side from Colborne to Fulford Streets, and also on portions of south east side amounting in all to 1967 lineal feet.

St. Martin Street.—55 lineal feet of footpath and 61 lineal feet of crossing laid.

St. Maurice Street.—Cleaned and 134 loads of broken stone laid on roadway.

St. Patrick Street.—24 inch circular brick sewer laid from Seigneur Street to City limits; 519 lineal feet of footpath laid.

Wellington Street.—North of Canal.—Cleaned several times; 154 loads of macadam used in repairs to roadway; 3 shafts cleaned; 64 lineal feet of footpath laid.

Wellington Street.—South of Canal.—Water courses formed; a coat of macadam spread from Grand Trunk Street to the railway crossing; 4 new shafts built and footpaths repaired.

William Street.—Cleaned; graded from McGill Street to Duke Street and a heavy coat of macadam from the Reservoir spread upon it; one shaft removed to proper line of Street; footpaths repaired—The main sewer 6'.0" by 4'.1 $\frac{1}{4}$ " continued from King Street to the creek at Eleanor Street and connected with the same.

ST. ANTOINE WARD.

Albert Street.—24 inch brick sewer laid throughout; old creek filled in and the street formed and graded with earth from the new portion of Lagauchetiere Street; 5841 loads of stone from the Reservoir spread and broken on the roadway; two new shafts built.

Aqueduct Street.—Roadway repaired with broken stone; water courses formed from St. Antoine Street to Dorchester Street; footpath laid on southwest side between St. Antoine and Scotland Streets; 40 lineal feet of crossing laid.

Aylmer Street.—Cleaned twice; 116 loads of macadam from the Reservoir spread between Ontario and Sherbrooke Streets; one new shaft built and an old one cleaned; 53 lineal feet of footpath and 56 lineal feet of crossings laid.

Beaver Hall Terrace.—Cleaned frequently; 92 loads of stone spread on the hill; one new shaft built; 902 lineal feet of footpath laid.

Bisson Street.—50 lineal feet of footpath laid.

Brunswick Street.—Water courses formed and one shaft repaired.

Burnside Place.—Roadway repaired with macadam; water courses formed; new footpath laid on north-west side between University and Victoria Streets; 32 $\frac{1}{2}$ feet of double crossing laid.

Busby Lane.—Cleaned; one shaft repaired.

Canning Street.—A heavy coat of broken stone spread on the roadway between St. Antoine Street and the Railway crossing; one new shaft built; 215 lineal feet of new footpath repaired and the old one raised by the flood was replaced and relaid.

Cathcart Street.—Roadway cleaned and repaired with broken stone; one shaft repaired; footpaths repaired.

Cemetery Street.—Roadway cleaned several times; 101 loads of broken stone spread; water courses formed; grates repaired; two shafts repaired; 120 lineal feet of footpath and 33 lineal feet of double crossing laid.

Chaboillez Street.—Cleaned several times; some shafts cleaned and grates repaired.

Chaboillez Square.—Cleaned frequently and repaired with broken stone; brick sewer 3 feet by 2 feet laid for connection of Albert, St. Joseph and other small sewers with Inspector Street sewer.

Chatham Street.—Ruts levelled and footpath repaired.

City Councillors' Street.—Roadway repaired with macadam and water courses formed.

Cote des Neiges Road.—Projecting rocks blasted out of roadway from Judge Monk's to Judge McCord's; roadway in other places repaired with macadam; water courses formed and footpaths repaired.

Craig Street.—Cleaned several times and roadway repaired; the new portion between St. Antoine and St. Bonaventure Streets was completed; water courses formed and 589 loads of macadam spread; 1,209 lineal feet of new footpath and 50 feet of double crossing laid.

Dorchester Street.—Cleaned several times; ruts levelled; water courses formed; 590 yards of 24 inch circular brick drain laid from Guy Street towards City limits; 2,246 lineal feet of footpath and 105 lineal feet of double crossing laid.

Drummond Street.—Ruts levelled and footpaths repaired.

Fulford Street.—191 lineal feet of footpath and 56 lineal feet of crossing laid.

Guy Street.—Water courses formed; roadway repaired with broken stone; 49 lineal feet of footpath and 60 lineal feet of crossing laid.

Inspector Street.—Cleaned several times; roadway repaired with macadam between St. Bonaventure Street and Chaboillez Square; 44 lineal feet of footpath laid.

Jurors Street.—Cleaned occasionally; a heavy coat of broken stone laid on roadway; 177 lineal feet of footpath and 42 lineal feet of double crossing laid; some shafts cleaned.

Lagauchetiere Street.—Cleaned and the continuation of the street

from St. Monique Street to Cemetery Street graded and the earth deposited on Albert Street; 916 lineal feet of footpath laid.

Latour Street.—Cleaned; water courses formed; 240 loads of broken stone spread on roadway; 310 lineal feet of footpath and 60 lineal feet of crossing laid.

Little St. Antoine Street.—Cleaned occasionally; 296 lineal feet of footpath laid.

McGill Street.—Cleaned twice a week during summer; 102 loads of macadam spread on roadway; footpaths repaired.

McGill College Avenue.—Cleaned; roadway repaired with macadam; 205 lineal feet of footpath laid.

Metcalfe Street.—Roadway raised and graded between Dorchester and St. Catherine Streets with earth from Lagauchetiere Street; 50 lineal feet of footpath and 78 lineal feet of crossing laid.

Mountain Street.—Cleaned several times; ruts levelled and roadway repaired with broken stone; two shafts repaired; 13,39 lineal feet of footpath and 111 lineal feet of crossing laid.

Ontario Street.—339 loads of macadam spread on roadway; water courses formed between Union Avenue and Bleury Street; one new shaft built; 305 lineal feet of footpath and 60 lineal feet of crossing laid.

Peel Street.—Formed and graded from St. Catherine half way to Dorchester Street and 625 loads of macadam spread on roadway; main sewer 4'.0" by 2'.9" carried from St. Bonaventure Street up through this Street from Dorchester Street to St. Catherine Street for drainage of old Cemetery and relief of St. Catherine Street sewer; temporary footpath laid on southwest side between St. Catherine and Sherbrooke Streets; 170 lineal feet of ordinary footpath and 127 lineal feet of crossing laid.

Peel Lane.—Water courses formed; a quantity of stone from old buildings in Notre Dame Street was spread and broken on the street.

Radegonde Street.—Cleaned once a fortnight during the summer; 391 loads of banc-rouge macadam spread on roadway.

Railroad Street.—Cleaned and holes filled with broken stone.

Redpath Street.—A new footpath laid on the north east side throughout.

Richmond Square.—Holes in roadway filled with macadam; 46 lineal feet of new footpath laid and old footpath repaired.

Rolland Street.—Cleaned; 51 lineal feet of footpath and 41 feet of crossing laid.

Roy Lane.—Cleaned ; 120 loads of macadam spread on roadway ; one shaft cleaned ; footpath repaired and 86 lineal feet of crossing laid.

Scotland Street.—Opened and fenced to near Guy Street ; greater portion of street graded and formed ; 172 lineal yards of 24 inch brick sewer laid ; 110 lineal feet of footpath laid.

Seigneurs Street.—Cleaned ; roadway repaired with macadam ; two shafts cleaned ; 127 lineal feet of new footpath laid and old one repaired ; 92½ lineal feet of double crossing laid.

Sherbrooke Street.—Street widened and graded from Union Avenue eastward ; new chainstone laid on north west side at Messrs. Tiffin's & Brown's properties ; 345 loads of macadam spread on roadway ; one new shaft built and branch drain repaired ; culvert at Priest's Farm repaired ; footpath from Guy Street to City limits repaired ; 345 lineal feet of crossing laid.

Stanley Street.—Some filling made between Dorchester and St. Catherine Streets with earth from St. Monique Street.

St. Antoine Street.—Cleaned frequently ; roadway repaired with broken stone ; one new shaft put in ; 1174 lineal feet of footpath and 64 lineal feet of crossing laid.

St. Bonaventure Street.—110 loads of broken stone used for repairs of roadway ; five new shafts built and some cleaned ; 503 lineal feet of footpath laid ; temporary footpath laid on North west side from St. Antoine Market to Canning Street ; 318 lineal feet of crossing laid.

St. Catherine Street.—Cleaned several times ; 89 loads of macadam used in repairs of roadway ; one new shaft put in ; 190 lineal feet of footpath and 304 lineal feet of crossing laid.

St. David Street.—Cleaned ; 24 inch circular brick sewer laid from St. Bonaventure Street to St. Antoine Street ; 112 loads of macadam spread on roadway ; footpaths repaired.

St. Genevieve Street.—Shaft cleaned ; grate repaired ; holes in roadway filled with macadam.

St. Janvier Street.—35 lineal feet of footpath laid and old one repaired from St. Francois de Sales Street to Mountain Street ; 36 lineal feet of crossing laid.

St. Joseph Street.—Cleaned several times ; 398 loads of broken stone used in repairs to roadway ; water courses formed ; 24 inch circular brick sewer, 226 yards long, laid from St. Martin to Guy

Street; 2 shafts cleaned; 3461 lineal feet of footpath laid and old one repaired; 360 lineal feet of crossing laid.

St. Margaret Street.—Cleaned occasionally; holes in roadway filled with macadam; footpath lowered to grade on south west side between St. Antoine and St. Bonaventure Streets; 224 lineal feet of footpath and 41 lin. ft. of crossing laid.—The cross piece of the street at the Bishop's Palace rendered useless by the opening of Lagauchetiere Street has been closed up and the ends of the Street above and below have been opened into Lagauchetiere Street.

St. Martin Street.—24 inch circular brick sewer laid from St. Bonaventure Street to St. Joseph Street; 405 lineal feet of footpath laid.

St. Michael Lane.—Cleaned; 70 loads of broken stone used in repairs; footpaths repaired and 70 lineal feet of crossing laid.

St. Monique Street.—Partly graded between Dorchester and Lagauchetiere Streets and the earth put on Stanley Street; one shaft cleaned and grating repaired.

St. Sophia Lane.—Cleaned; holes in roadway filled with broken stone; footpaths repaired and 70 lineal feet of double crossings laid.

Union Avenue.—Cleaned several times; 954 loads of broken stone spread on roadway; one shaft removed to proper line of street; 531 lineal feet of footpath and 69 lineal feet of crossing laid.

University Street.—Cleaned; holes in roadway filled with broken stone; one new shaft put in; 293 lineal feet of footpath and 70 lin. feet of crossing laid.

Upper University Street.—256 lineal feet of footpath and 43 lineal feet of crossing laid.

Versailles Street.—Cleaned and footpaths repaired.

Victoria Street.—Formed to about 300 feet above Burnside Place; 175 lineal feet of footpath and 90 lineal feet of crossing laid.

Victoria Square.—Cleaned frequently during the summer; roadway repaired with macadam; one shaft cleaned.

ST. LAWRENCE WARD.

Anderson Street.—75 lineal feet of footpaths laid.

Berthelet Street.—Water-courses formed; footpath on south-east side raised to proper grade with earth from Sherbrooke Street; 114 lineal feet of footpath, and 67 lineal feet of crossing laid.

Bleury Street.—Cleaned frequently; 640 loads of broken stone spread on roadway; water-courses formed; 2 new shafts built and

1 removed to proper line ; 1446 lineal feet of footpath, and 58 lineal feet of crossing laid ; 24 inch circular brick sewer laid from Ontario Street to Mayor Street, and from Ontario Street to Sherbrooke Street.

Chenneville Street.—Cleaned several times ; roadway repaired with macadam ; some shafts cleaned ; footpaths repaired.

Cotté Street.—Cleaned ; water-courses formed ; 335 lineal feet of footpath laid ; some shafts cleaned.

Craig Street.—Cleaned frequently ; roadway repaired with broken stone ; one new shaft built, and branch drain repaired ; 220 lineal feet of footpath laid.

Devienne Street.—Cleaned ; a coat of macadam spread on roadway ; water-courses formed, and one shaft cleaned.

Dorchester Street.—Cleaned ; water-courses formed ; roadway repaired with macadam ; 611 lineal feet of footpath laid.

Durocher Street.—Cleaned, and footpaths repaired.

Evans Street.—A temporary footpath laid on south-east side throughout, and 60 lineal feet of crossing laid.

Hermine Street.—Cleaned frequently ; roadway repaired with macadam ; 452 lineal feet of crossing laid.

Hotel Dieu Street.—Stone on roadway broken and blinded.

Jurors Street.—Cleaned frequently ; a heavy coat of macadam spread on roadway ; 24 inch circular brick sewer laid from Bleury Street to St. Alexander Street ; 3 new shafts built, and one cleaned ; 227 lineal feet of footpath, and 42 lineal feet of double crossing laid.

Lagauchetiere Street.—Cleaned frequently, 144 loads of broken stone spread on roadway ; 253 lineal feet of footpath laid.

Mayor Street.—24 inch circular brick sewer laid from Bleury Street, 209 lineal yards toward City Councillor Street.

Migonne Street.—Cleaned ; roadway repaired with broken stone ; 453 lineal feet of footpath laid.

Ontario Street.—A temporary footpath laid on the north-west side from St. Charles Barromee Street to St. Lawrence Street.

Plateau Street.—47 lineal feet of footpath laid ; 24 inch circular brick sewer laid from St. George Street north-west to end of Street.

Sherbrooke Street.—Cleaned ; holes filled with broken stone ; street widened and graded throughout the ward ; and temporary footpath laid on north-west side ; 60 feet of double crossing laid.

St. Alexander Street.—Cleaned several times ; roadway repaired with macadam ; two shafts cleaned ; 213 lineal feet of footpath laid.

St. Bernard Street.—Cleaned , water-courses formed ; 53 lineal feet of footpath laid.

St. Catherine Street.—268 lineal feet of footpath laid and old one repaired.

St. Charles Barromee Street.—Cleaned several times ; roadway repaired with macadam ; water-courses formed ; old footpaths thoroughly repaired throughout ; 535 lineal feet of new footpath and 112 lineal feet of crossing laid.

St. Famille Street.—Stone on roadway rebroken and blinded.

St. George Street.—Cleaned several times ; below St. Catherine Street, the roadway was repaired with macadam ; 2 shafts repaired and some cleaned ; 227 lineal feet of footpath laid and old one repaired ; roadway reggraded between St. Catherine and Plateau Streets, and coated with macadam ; 24 inch circular brick sewer laid from Ontario Street to Plateau Street and from near Plateau Street to St. Catherine Street. Street extended and fenced from Ontario Street to Hotel Dieu Street.

St. Urbain Street.—Cleaned several times ; 441 loads of broken stone spread on roadway ; grade raised about four feet in hollow between Sherbrooke and Ontario Street with stuff from the former ; 670 lineal feet of new footpath laid and old one repaired throughout.

Upper Bleury Street.—Roadway formed ; and 420 loads of macadam spread.

Upper St. Urbain Street.—Cleaned ; water-courses formed ; one brick shaft and branch repaired ; 70 lineal feet of footpath laid.

Vallée Street.—Cleaned ; one shaft cleaned ; footpath repaired.

Vitré Street.—Cleaned occasionally ; roadway repaired with 233 loads of broken stone ; some shafts cleaned ; 53 lineal feet of new footpath laid and old one repaired.

ST. LOUIS WARD.

Boyer Lane.—43 lineal feet of new sidewalk put down.

Cadioux Street.—Roadway (from Sherbrooke Street towards Courville Street, for a distance of about 300 feet) cut down about 2 feet ; 153 lineal feet of new footpath put down.

Craig Street.—Cleaned frequently ; water-courses formed ; road-

way repaired with broken stone; 62 lineal feet of new sidewalk laid down.

Dorchester Street.—Cleaned several times; roadway repaired with metalling; footpaths repaired; 288 lineal feet of new footpath and 100 lineal feet of double crossing put down.

Dubord Street.—Water-courses formed, and footpaths repaired.

Dumarais Street.—Water-courses formed; 331 lineal feet of new sidewalk laid down.

Fortier Street.—Water-courses formed; 134 lineal feet of sidewalk and 60 lineal feet of double crossing put down.

German Street.—Cleaned frequently; water-courses formed; roadway repaired with metalling; sidewalks repaired; 476 lineal feet of new footpath and 84 lineal feet of double crossing put down.

Lagauchetiere Street.—Cleaned several times; roadway repaired with metalling; 94 lineal feet of new sidewalk and 46 lineal feet of double crossing laid down.

Mignonne Street.—Cleaned frequently; water courses formed; roadway repaired with broken stone; sidewalks repaired; 91 lineal feet of new footpath put down.

Ontario Street.—A large amount of filling done between St. Denis Street and German Street; 173 lineal feet of new sidewalk put down; 768 lineal feet of footpath laid longitudinally; 294 lineal feet of double crossing put down.

Sanguinet Street.—Cleaned frequently; roadway repaired with metalling; footpaths repaired; 1043 lineal feet of new sidewalk laid down.

Sherbrooke Street.—Cleaned frequently; water courses formed; roadway repaired with broken stone; widened on the north east side from St. Denis Street to St. Lawrence Street; 772 lineal feet of new sidewalk put down.

St. Catherine Street.—Cleaned several times; roadway repaired with metalling; 79 lineal feet of new footpath laid down.

St. Constant Street.—Cleaned frequently; water courses formed; roadway repaired with broken stone; footpaths repaired; 473 lineal feet of new sidewalk put down; 552 lineal feet of footpath laid longitudinally.

St. Denis Street.—Cleaned several times; roadway repaired with metalling; 3043 lineal feet of new footpath and 700 lineal feet of double crossing put down.

St. Dominique Street.—Cleaned; roadway repaired with metalling; old drain cleaned, and repaired between Dorchester Street and Lagauchetiere Street, and between Sherbrooke Street and Courville Street; footpaths repaired; 314 lineal feet of footpath and 176 lineal feet of double crossing laid down; 168 lineal feet of sidewalk laid longitudinally.

St. Elizabeth Street.—Cleaned frequently; roadway repaired with metalling; Drain cleaned and repaired between Craig Street and Vitre Street; water courses formed; footpaths repaired.

St. Emery Street.—A new 24 inch brick drain constructed, extending from the drain in Sanguinet Street 105.33 lineal yards towards St. Denis Street.

St. Lawrence Street.—Cleaned frequently; roadway repaired with broken stone; water courses formed; 250 lineal feet of new sidewalk, and 66 lineal feet of double crossing put down.

Vitré Street.—Cleaned frequently; roadway repaired; water courses formed; footpaths repaired.

ST. JAMES WARD.

Amherst Street.—Cleaned; roadway repaired; metalling laid on from Mignonne Street to Ontario Street; water courses formed; footpaths repaired; 1117 lineal feet of new footpath put down; 288 lineal feet of sidewalk laid longitudinally.

Beaudry Street.—Cleaned; roadway repaired with broken stone; water courses formed; footpaths repaired; 236 lineal feet of new sidewalk put down; 384 lineal feet of sidewalk laid longitudinally.

Berri Street.—Water courses formed; a considerable quantity of filling done near St. Catherine Street; 540 lineal feet of new footpath put down; 636 lineal feet of sidewalk laid longitudinally.

Campeau Street.—Cleaned frequently; roadway repaired with metalling; water courses formed; 463 lineal feet of new footpath laid down.

Craig Street.—Cleaned frequently; roadway repaired with broken stone; 389 lineal feet of new footpath put down; sidewalks repaired; 144 lineal feet of sidewalk laid longitudinally.

Dorchester Street.—Cleaned several times; roadway repaired; water courses formed; sidewalks repaired; 305 lineal feet of new footpath put down.

Dubord Street.—Roadway metalled from St. Denis Street to Berri Street; water courses formed; 249 lineal feet of new footpath put down; 480 lineal feet of sidewalk laid longitudinally.

Lagauchetiere Street.—Cleaned several times; roadway repaired with broken stone; water-courses formed; 337 lineal feet of new footpath put down; 300 lineal feet of sidewalk laid longitudinally.

Mignonne Street.—Cleaned; roadway repaired with stone chips; water courses formed; 24 inch brick drain constructed, extending from Amherst Street 343.33 lineal yards towards St. Denis Street; 300 lineal feet of new footpath laid longitudinally.

Montcalm Street.—Cleaned; roadway repaired with macadam; water courses formed; footpaths repaired; 477 lineal feet of new footpath laid down.

Ontario Street.—38 lineal feet of new footpath; 252 lineal feet of sidewalk laid longitudinally.

Perthuis Street.—Cleaned; repaired with macadam; water courses formed.

Robin Street.—Water courses formed; 103 lineal feet of new sidewalk.

Sherbrooke Street.—Roadway repaired with macadam, and cut down to grade between St. André Street and Amherst Street; a coat of metalling put on; water courses formed; 174 lineal feet of new sidewalk laid down.

St. André Street.—Cleaned and roadway repaired with macadam; water courses formed; footpaths repaired; a 24 inch brick drain constructed from St. Catherine Street extending 346.5 lineal feet towards Dorchester Street; 45 lineal feet of new footpath; 312 lineal feet of new sidewalk laid longitudinally.

St. Catherine Street.—Cleaned several times; roadway repaired with metalling; 1721 lineal feet of new footpath put down.

St. Christophe Street.—Roadway repaired and water courses formed.

St. Denis Street.—Cleaned several times; roadway repaired with macadam; water courses formed; 3043 lineal feet of new sidewalk and 700 lineal feet of double crossing put down.

St. Hubert Street.—Cleaned frequently; roadway repaired with macadam; water courses formed; 365 lineal feet of new footpath laid down.

Jacques Cartier Street.—Roadway repaired with macadam; wa-

ter courses formed; 24 inch brick drain constructed, extending from Craig Street sewer 148.20 lineal yards towards St. Mary Street.

St. Mary Street.—Cleaned frequently; roadway repaired with metalling.

Visitation Street.—Cleaned several times; roadway macadamized from St. Catherine Street to Robin Street; wooden box drain between Smallwood Street and Lapointe Street cleaned and lowered; water courses formed; 127 lineal feet of new footpath put down.

Water Street.—Cleaned and the roadway repaired with macadam; water courses formed; 132 lineal feet of footpath laid longitudinally.

Wolfe Street.—Cleaned and the water courses formed; 378 lineal feet of new sidewalk laid down.

Woodyard Street.—331 lineal feet of new footpath put down.

ST. MARY'S WARD.

Allard Street.—Cleaned; 54 lineal feet of new sidewalk put down.

Colborne Avenue.—Roadway repaired with macadam; water courses formed; footpaths repaired.

Craig Street.—Cleaned several times; roadway repaired with macadam; water courses formed; 114 lineal feet of new sidewalk put down.

De Salaberry Street.—Roadway repaired with macadam; water courses formed; footpaths repaired.

Dorchester Street.—Cleaned; roadway repaired with metalling; water courses formed; 130 lineal feet of new sidewalk.

Dufresne Street.—Roadway repaired with macadam; water courses formed; footpaths repaired; 90 lineal feet of new footpath put down.

Durham Street.—Roadway repaired with metalling; water courses formed; 1050 lineal feet of new sidewalk put down.

Erie Street.—Roadway repaired; water courses formed; footpaths repaired.

Fullum Street.—A coating of macadam put on from St. Mary Street to Ontario Street; 2 shafts renewed and several new ones made; 1591 loads of broken stone put on street.

Gain Street.—Water courses formed; 36 lineal feet of new sidewalk put down.

Lafontaine Street.—Water courses formed and footpaths repaired.

Lagauchetiere Street.—Cleaned frequently; roadway repaired with macadam; water-courses formed; footpaths repaired; 385

lineal feet of new sidewalk put down; 204 lineal feet of footpath laid longitudinally.

Longueuil Ferry.—Water-courses formed.

Kent Street.—Roadway repaired with macadam; the old box drain renewed, and a new wooden shaft put in.

Mignonne Street.—Roadway repaired with macadam; water-courses formed; footpath repaired.

Monarque Street.—Water-courses formed.

Ontario Street.—A coating of macadam put on from Papineau Road to Colborne Avenue; 312 lineal feet of footpath laid longitudinally.

Panet Street.—Cleaned; roadway repaired with macadam; water-courses formed; 955 lineal feet of new sidewalk put down; 324 lineal feet of footpath laid longitudinally.

Papineau Road and Papineau Square.—Cleaned; roadway repaired with metalling; water-courses formed; footpaths repaired; 22 lineal feet of new sidewalk; 283 lineal feet of footpath laid longitudinally.

Parthenais Street.—Roadway repaired with macadam.

Seaton Street.—A quantity of filling made near Lagauchetiere Street; water-courses formed; 370 lineal feet of new sidewalk put down.

Shaw Street.—Roadway repaired with macadam; water-courses formed; 34 lineal feet of new sidewalk put down; 288 lineal feet of footpath laid longitudinally.

Smallwood Street.—Water-courses formed; footpaths repaired.

St. Adolphus Street.—Roadway repaired and water-courses formed.

St. Catherine Street.—A quantity of filling made between Papineau Road and Colborne Avenue; 1788 lineal feet of sidewalk laid longitudinally.

St. Ignace Street.—Roadway repaired with macadam; water-courses formed; footpaths repaired.

St. Mary Street.—Cleaned several times; roadway repaired with macadam; 2567 lineal feet of new sidewalk put down; 2544 lineal feet of footpath laid longitudinally.

Sydenham Street.—A coating of macadam put on from Lagauchetiere Street to St. Catherine Street; footpaths repaired.

Voltigeurs Street.—Roadway repaired with macadam; water-courses formed; 25 lineal feet of new sidewalk put down.

Water Street.—Roadway repaired with macadam; water-courses formed.

SCHEDULE No. 2.

PROPERTIES ACQUIRED BY THE CORPORATION DURING THE CIVIC YEAR ENDING JANUARY 31ST, 1867.

NOTE.—*The dimensions and areas are given in English feet and decimals.*

ALBERT STREET, ST. ANTOINE WARD.

New Street 80 feet wide, opened from Chaboillez Square to Mountain Street, including also the ground acquired for the Grand Trunk Railway Station.

Expropriated by Commissioners. Report homologated February 16th, 1866.

From C. S. Rodier. An irregular piece of ground with buildings and parts of buildings, containing 13,320.6 square feet. \$4,596.30.

From Abraham Rastoul. An irregular piece of ground with parts of buildings thereon, containing 6026.66 square feet. \$1,768.10.

From Francois X. Rastoul. An irregular piece of ground with buildings, containing 6175.58 square feet. \$3,000.

From Benjamin Lamb. An irregular piece of ground without buildings, containing 1447.5 square feet. \$234.10.

From Joseph Connessant. An irregular piece of ground with part of building thereon, 1491.48 square feet area. \$467.60.

From Benjamin Parent. An irregular piece of ground without buildings, 3981.5 square feet area. \$844.30.

From William Masterman. An irregular piece of ground without buildings, 2384.22 square feet area. \$1,415.00.

From Wm. Morgan. An irregular piece of ground with parts of buildings thereon, 1452.4 square feet. \$1,856.00.

From Joseph Versailles. A triangular piece of ground with parts of buildings thereon, 222.7 square feet area. \$136.80.

From Joseph Bruyere. An irregular piece of ground without buildings, 6054.12 square feet area. \$908.10.

From Joseph Versailles. An irregular piece of ground with parts of buildings, 1457.0 square feet area. \$137.00.

From Estate Rousseau and Versailles. A piece of ground with parts of buildings thereon, 9958.12 square feet area. \$1,493.70.

From Peter Donnelly. A piece of ground with buildings thereon, 3772.9 square feet area. \$1,354.60.

From James Dagg. An irregular piece of ground on St. Felix Street, with mill and buildings thereon, 20194.05 square feet area, \$9,814.60.

From Joseph Bruyere. A piece of ground fronting on St. Felix Street, with buildings thereon, 2358.02 square feet area. \$1057.40.

From Hon. L. T. Drummond. An irregular piece of ground extending from St. Felix Street to Mountain Street, with buildings thereon, 24,963 square feet area. \$7,927.47½.

ANDERSON STREET, ST. LAWRENCE WARD.

For extension from Lagauchetiere Street to Dorchester Street.

Expropriated by Commissioners. Report homologated June 26th, 1866.

From Benjamin Comte. A piece of ground on the north corner of Anderson and Lagauchetiere Streets, with parts of buildings, 13.8 feet front on Lagauchetiere

Street, by 227.4 feet deep, and containing 3113.6 square feet. \$1,570.15; including commutation.

From James Simpson. A piece of ground without buildings, 49.2 feet by 13.1 feet, and containing 643 square feet. \$173.25.

From John Featherstone. A piece of ground without buildings, 49.2 feet by 13.0 feet. containing 640.6 square feet. \$172.65.

From Estate Cunningham. A piece of ground with shed thereon, about 80 feet by 29.5 feet, and containing 2352.2 square feet. \$628.05.

From Alexander Wand. A piece of ground with part of shed thereon, 52 feet by 13 feet, and containing 676 square feet. \$181.50.

From J. H. Dorwin. A piece of ground without buildings, 42.0 feet by 29.6 feet, and containing 1243.2 square feet. \$320.80.

From Robert Weir. A piece of ground without buildings, 42.6 feet by about 45.5 feet, and containing 1939.4 square feet. \$507.35.

From James Laurie. A piece of ground with parts of buildings thereon, 42.6 feet front on Dorchester Street, by 150 feet deep, and containing 6420.9 square feet. \$3922.35.

BEAUDRY STREET, ST. JAMES WARD.

For opening from Lagauchetiere Street to Bonaparte Street.

Expropriated by Commissioners. Report homologated June 2nd, 1866.

From Estate Edward Lamarche. A piece of ground extending from Lagauchetiere Street to Bonaparte Street, with parts of buildings thereon, 21.6 feet front on the former and 24.6 feet on the latter by 171 feet deep, containing 3842.5 square feet. \$1896.05, including commutation.

From Touissant Demers. A piece of ground with parts of buildings thereon, 21 feet front on Lagauch-

etiere Street, by 81.7 feet deep, and containing 1709.5 square feet. \$976.09.

From the Nuns of the Providence. A piece of ground with parts of buildings thereon, 18.0 feet front on Bonaparte Street, by 89 feet deep, and containing 1691 square feet. \$499.02.

For widening at Craig Street.

December 14th, 1866.—From A. Dufaux dit Lamarche, by agreement. A piece of ground with part of building thereon, on the west corner of Craig and Beaudry Streets, 14.0 feet on the former, by 19.1 feet average on the latter. \$150. Commuted.

BERRI STREET, ST. JAMES WARD.

For opening Street north-west to St. Catherine Street.

July 19th, 1866.—From Estate F. Findlay. Expropriated by Commissioners. A piece of ground without buildings, 43.5 feet by 8.5 feet, and containing 369.7 square feet. \$63.91.

DRILL SHED AND ARMORY, ST. LOUIS WARD

Expropriated by Commissioners.

May 30th, 1866.—From Estate Hon. G. R. S. De Beaugeu. A piece of ground 35.3 feet front on Craig Street, by about 107.2 feet deep, and containing 4230.0 square feet. \$1776.00.

May 30th, 1866.—From William Christie. A piece of ground with brick dwelling and other buildings, 42.4 feet front on St. Constant Street, by 113.3 feet deep, and containing 4594.7 square feet. \$5,435.15.

May 30th, 1866.—From D. C. Brousseau. A piece of ground with brick dwellings &c., forming the east corner of St. Constant and Vitré Streets, 100.3 feet front on St. Constant Street, by 112.6 feet deep on Vitré Street, and containing 10,692.6 square feet.

September 29th, 1866.—From Mrs. Sarah Megorian.

A piece of ground of irregular form on the north corner of Craig and St. Constant Streets, with soap factory and dwellings thereon, measuring 193.5 feet on St. Constant Street, and 52.5 on Craig Street, and containing 14,874.6 square feet. \$13,285.24.

GERMAN STREET, ST. LOUIS WARD.

For completing widening on north-east side, between Mignonne Street and Reinhardt's Brewery.

Expropriated by Commissioners. Report homologated July 19th, 1866.

From Jacob Wurtele. A strip of ground without buildings, 494.5 feet front on German Street, 12.3 feet deep at Mignonne Street, 11.5 feet deep at the other end, and containing 5884.45 square feet. \$917.68.

From Estate Bruyere. A piece of ground without buildings on the east corner of Ontario and German Streets, 41.8 feet on German Street, by about 11.2 feet deep, and containing 493.2 square feet. \$88.98.

From Estate Bruyere. A strip of ground without buildings, on the north corner of German and Ontario Streets, 186.1 feet on the former, by an average depth of about 8.9 feet, and containing 1646.9 square feet. \$169.69.

From Gotlieb Reinhardt. A piece of ground with part of a shed thereon, containing 40 square feet. \$31.00.

HOSPITAL STREET, WEST WARD.

For widening on north-west side from St. John Street to Hospital Street.

Expropriated by Commissioners. Report homologated October 13th, 1866.

From the North British and Mercantile Insurance Company. A strip of ground with parts of buildings, 220.4 feet on Hospital Street, by an average depth of 7.6 feet, and containing 1656.2 square feet. \$4,320.08.

From E. E. Shelton. A strip of ground without buildings, 139.6 feet front on Hospital Street, by 7.3 feet deep, and containing 1026.4 square feet. \$2,556.00.

MURRAY STREET, ST. ANN'S WARD.

For widening at Smith Street.

Expropriated by Commissioners. Report homologated February 1st, 1866.

From Joseph Tees. A piece of ground on the east corner of Murray and Smith Streets, 93.9 feet front on the former, by an average depth of 10.4 feet, containing 988.5 square feet. \$1,311.97½. Including commutation.

ONTARIO STREET, ST. MARY'S WARD.

October 22nd, 1866.—From John W. Herbert, by agreement. Lot No. 176 Shaw's Tirage, on the south-east side of Ontario Street, between Papineau Road and Colborne Avenue, 38 feet front by 64 feet deep. \$160. Commuted.

SCOTLAND STREET, ST. ANTOINE WARD.

For opening Street 50 feet wide from Aqueduct Street, toward Guy Street.

Gratuitous cession :

July 31st, 1866.—From La Banque du Peuple. A strip of ground without buildings, 50 feet wide, by 352 feet long, extending from Aqueduct Street toward Guy Street.

September 6th, 1866.—From Richard Eaton. A piece of ground without buildings, 50 feet wide, by 77.3 feet long, across Mr. Eaton's property.

October 16th, 1866.—From Hon. Louis Renaud. A piece of ground without buildings, 50 feet wide at one end and 43 feet at the other, by 107.2 feet long, across a portion of Mr. Renaud's property.

A piece of ground without buildings, 50 feet wide, by 76 feet long, across Mr. Renaud's property.

SHERBROOKE STREET, ST. LOUIS, ST. LAWRENCE, AND
ST. ANTOINE WARDS.

*For widening on north-west side, between Union Avenue and
St. Denis Street.*

Expropriated by Commissioners. Report homologated
March 8th, 1866.

From Guilliame David. A piece of ground without
buildings, 45 feet front on Sherbrooke Street, by 22 feet
deep, and containing 1028.7 square feet. \$273.42.

From Hypolite Roy.—A piece of ground without
buildings, 233 feet front by 22 feet deep, containing
5099.3 square feet. \$1,639.80.

From R. A. R. Hubert. A piece of ground without
buildings, on the north corner of St. Elizabeth and
Sherbrooke Streets, 175 feet front by 21.5 feet deep, and
containing 3762.5 square feet. \$1604.75.

From Mrs. J. R. McLaren. A piece of ground without
buildings, on the west corner of St. Dominique and
Sherbrooke Streets, 71.8 feet front on Sherbrooke Street,
by 16.9 feet deep, and containing 1405.2 square feet.
\$622.75.

From Robert Taylor. A piece of ground without
buildings, on the north corner of St. Lawrence and
Sherbrooke Streets, 71.8 feet front, by 16.6 feet deep, and
containing 1195.5 square feet. \$563.65.

From John Molson.—A piece of ground on the west
corner of St. Lawrence and Sherbrooke Streets, 189.2
feet front, on the latter by 17.1 feet deep, and containing
3243.0 square feet. \$2,416.15.

From Judge Wm. C. Meredith. A piece of ground
without buildings, 96.8 feet front by 17.0 feet deep, and
containing 1693.9 square feet. \$1,431.12.

From C. J. Brydges.—A piece of ground without
buildings, on the north corner of Upper St. Urbain
and Sherbrooke Streets, 151.5 feet front on Sherbrooke
Street, by 17.8 feet deep, and containing 2714.3 square
feet. \$2,072.50.

From Stanley C. Bagg. A piece of ground without buildings, on the west corner of Upper St. Urbain and Sherbrooke Streets, 103.0 feet front on the latter, by 18.7 feet deep, and containing 1906.3 square feet. \$1,237.20.

From C. D. Proctor. A piece of ground with parts of buildings thereon, 206.7 feet front on Sherbrooke Street, by 19.5 feet deep, and containing 4014.5 square feet. \$4,645.87.

From John Platt. A piece of ground without buildings, 203.0 feet front by 21.8 feet deep, and containing 4391.6 square feet. \$1,537.05. Including commutation.

From James Hutchison. A piece of ground without buildings, on the north corner of Upper St. Urbain and Sherbrooke Streets, 148.5 feet front on the latter, by 21.2 feet deep, and containing 3159.1 square feet. \$1,318.68.

From Edmund Pickup. A piece of ground without buildings, on the north corner of Durocher and Sherbrooke Streets, 123.9 feet front on the latter, by an average depth of 26.5 feet, and containing 3289.5 square feet. \$3,002.00.

From James Gilmour. A piece of ground without buildings, on the west corner of Durocher and Sherbrooke Streets, 58.4 feet front on the latter, by 29.1 feet average depth, and containing 1745.2 square feet. \$1,002.08.

From Estate Joseph N. Hall. A piece of ground without buildings, 61.6 feet front on Sherbrooke Street, by 31.5 feet average depth, and containing 1878.8 square feet. \$1,131.52.

From John Lane. A piece of ground without buildings, 31.0 feet front on Sherbrooke Street, by 31.7 feet average depth, and containing 984.3 square feet. \$545.22.

From Estate Joseph Shuter. A piece of ground without buildings, on the north corner of Sherbrooke Street and a new Street, 102.0 feet front on Sherbrooke Street, by 33.7 feet average depth, and containing 3362.3 square feet. \$1946.92.

From Champion Brown. A piece of ground without buildings, on the west corner of Sherbrooke Street and a new Street, 125.5 feet front on Sherbrooke Street, by 38.1 feet average depth, and containing 4769.2 square feet. \$4,137.08.

From Joseph Tiffin. A piece of ground without buildings, 200.2 feet front, by 42.6 feet average depth, and containing 8488.6 square feet. \$5,586 44.

SMITH STREET, ST. ANN'S WARD.

For widening at Colborne Street.

Gratuitous cession :

August 15th, 1866.—A piece of ground without buildings, on the west corner of Smith and Colborne Streets, 95 feet front on the former, by 17.6 feet average depth, and containing 1669.6 square feet. Subject to Seigniorial dues since August 2nd, 1862, and also to ground rent of \$4.36 per annum. (The ground has been in possession of Corporation since 1862.)

ST. BONAVENTURE STREET, ST. ANTOINE WARD.

For widening.

September 20th, 1866.—From Rev. Dr. Leach, by agreement. A piece of ground without the buildings thereon, on the east corner of St. Bonaventure Street and St. Michael's Lane, 40.4 feet front on St. Bonaventure Street, by 29.1 feet average depth, and containing 1133 square feet—commuted. \$5000.00.

November 12th, 1866.—From Dr. Wm. H. Hingston, by agreement. A piece of ground with parts of buildings thereon, on the south-east side of St. Bonaventure Street, between Victoria Square and St. Michael's Lane, 40.1 feet average length on St. Bonaventure Street, by 30.6 feet average depth, and containing 1212 square feet. \$5,548.00 for ground and parts of buildings, and \$320.00 for one year's rent of premises. Building material resold to Dr. Hingston for \$548.00. Property commuted.

November 26th, 1866.—From Mrs. Widow Lawrence Castle, by agreement. A lot of ground on St. Bonaventure Street, between Victoria Square and St. Michael's Lane, with buildings thereon, 49.1 feet front on St. Bonaventure Street, by about 150 feet deep, and containing 6774 square feet. \$9,000.00.

November 26th, 1866.—From Mrs. John Kay, by agreement. A lot of ground on the south corner of Victoria Square and St. Bonaventure Street, with buildings thereon, 34.3 feet front on St. Bonaventure Street, by about 144 feet deep, and containing 6032.3 square feet area. \$9000.00. Not commuted.

November 26th, 1866.—From Adolphe Payette, by agreement. A piece of ground without buildings, on the south corner of St. Martin and St. Bonaventure Streets, 117.6 feet front on the latter, by 32 feet deep on the former, and containing 3763 square feet. \$1000.00. Commuted.

Nov. 28th, 1866.—From "The Mercantile Library Association of Montreal," by agreement. A piece of ground without buildings, on the south-east side of St. Bonaventure Street, between Victoria Square and St. Michael's Lane, 54 feet average length on St. Bonaventure Street, by 32 feet average depth, and containing 1707.7 square feet—commuted. \$2,134.62½.

December 13th, 1866.—From Henry Judah. A piece of ground without the building thereon, on the south corner of Canning and St. Bonaventure Street, 44.4 feet front on the latter, by 31.3 feet deep, and containing 1389.7 square feet—commuted. \$163.98 for the land and \$200 for removal of brick dwelling back to new line.

ST. ELIZABETH STREET, ST. LOUIS WARD.

For extension of Street 42.6 feet wide, from Mignonne Street to Ontario Street.

Expropriated by Commissioners. Report homologated July 19th, 1866.

From Jacob Wurtele. An irregular piece of ground without buildings, containing 16.897.6 square feet. \$1,673.70.

From Estate Bruyere. A piece of ground without buildings, containing 10.946.6 square feet. \$1,190.69.

ST. FRANCOIS XAVIER STREET, WEST WARD.

For widening at Hospital Street.

Expropriated by Commissioners. Report homologated October 13th, 1866.

From Estate Coté. A piece of ground on the south corner of St. Francois Xavier and Hospital Streets, with parts of buildings thereon, 43.3 feet front on St. Francois Xavier Street, by 6.5 feet average depth, and containing 285.5 square feet. \$1,142.00 for land, including commutation, and \$2,003.73 for damages to building and compensation to tenants.

From The North British and Mercantile Insurance Company. A piece of ground with parts of buildings thereon, on the west corner of St. Francois Xavier and Hospital Streets, 53 feet on the former, by 6.8 feet deep, and containing 332.7 square feet. \$1,428.80.

ST. GEORGE STREET, ST. LAWRENCE WARD.

Extension of Street 60 feet wide from below Ontario Street to Hotel Dieu Street,

October 17th, 1866.—From John Platt, gratuitous cession :

1st.—A piece of ground without buildings, on the south-east side of Ontario Street, 60 feet by an average of 9 feet.

2nd.—A strip of ground 60 feet wide by 695 feet average length, extending from Ontario Street to Sherbrooke Street.

3rd.—A strip of ground without buildings, about 40 feet wide by 1965 feet average length, extending from Sherbrooke Street to Hotel Dieu Street.

The above ground is not commuted. The Corporation agree to erect fences, and acquire from the Ladies of the Hotel Dieu, the remainder of the ground necessary to open St. George Street 60 feet wide from Sherbrooke to Hotel Dieu Street.

ST. SULPLICE STREET, CENTRE WARD.

For widening on south-west side.

Expropriated by Commissioners. Report homologated July 19, 1866.

From the *Fabrique de Montreal*. A piece of ground with buildings thereon, 28.5 feet front by 9.0 feet deep, and containing 256.5 square feet, \$677.40.

UNIVERSITY STREET, ST. ANTOINE WARD.

Extension of street 60 feet wide north-west to City limits.

Expropriated by Commissioners. Report homologated July 19, 1866.

From Alexander Simpson. A triangular piece of ground without buildings, containing 2955 square feet. \$306.00.

From Tancrede Bouthillier. A piece of ground without buildings, containing 22,230 square feet. \$2,286.00.

From H. B. Smith. A piece of ground without buildings, 60 feet wide by 242.4 feet average length, and containing 14,547 square feet. \$1,261.76.

From John Frothingham. A piece of ground without buildings, 60 feet wide by 1011 feet long, and containing 60,660 square feet. \$2,830.40.

UPPER ST. URBAIN STREET, ST. LAWRENCE WARD.

For rectification of line on north-east side at Sherbrooke Street.

December 13th, 1866.—From Charles J. Brydges, by agreement:

1st.—A triangular piece of ground without buildings, and containing 693 square feet.

2nd.—A triangular piece of ground without buildings, and containing 1754 square feet. \$734.10 for the two pieces. Both commuted.

WELLINGTON STREET, ST. ANN'S WARD.

For widening South of the Canal.

Expropriated by Commissioners. Report homologated July 19, 1866.

From Francis Mullins. A strip of ground on the west side of Wellington Street, extending from St. Etienne Street to St. Columban Street, 214.7 feet front by 21.7 feet deep, and containing 4659 square feet. \$2,748.40.

PROPERTIES SOLD BY THE CORPORATION DURING THE CIVIC YEAR ENDING JANUARY 31ST, 1867.

NOTE.—*The dimensions and areas are given in English feet and decimals.*

SEIGNEURS STREET, ST. ANN'S WARD.

December 18th, 1866.—To S. Tucker and Son. The rights of the Corporation in a piece of ground 42.6 feet front on St. Patrick Street, by 269 feet deep, being the ground ceded by the Seminary of Montreal for Seigneurs from St. Patrick Street toward the Canal. \$600.

ST. MARY STREET, ST. JAMES WARD.

February 1st, 1866.—To Michel Laurent. A piece of ground with four brick stores and other buildings thereon, on the east corner of St. Mary and Brock Streets, 84.5 feet front on St. Mary Street, and 86.1 feet deep on Brock Street. \$6,800.00.

VICTORIA SQUARE, ST. ANTOINE WARD.

November 26th, 1866.—To John McArthur:

1st.—A triangular piece of ground forming part of Victoria Square, 104 feet front, and containing 1027.6 square feet—commuted.

2nd.—A triangular piece of ground forming part of the ground acquired from Mrs. John Kay, containing 127.6 square feet—commuted. \$3,401.80 for the whole.

WOLFE STREET, ST. JAMES WARD.

January 16th, 1867.—To Joseph Richard. A lot of ground with two story stone house and other buildings, 53.3 feet front on Wolfe Street, by 64.0 feet deep—commuted. \$900.

SCHEDULE No. 3.

BLOCK PAVING LAID IN 1866.

WARD.	STREET.	POSITION.	Sqr. Yards.
Centre and West.....	St. Francois Xavier St.	<i>Stone Block.</i> From St. Paul Street to Commissioners Street.....	241.1
East.....	Jacques Cartier Square	<i>Nicholson Paving (Wooden Block.)</i> From St. Paul Street to Commissioners Street.....	960.75

SCHEDULE No. 4.

MAIN AND MEDIUM SEWERS CONSTRUCTED IN 1866.

WARD.	STREET.	POSITION.	Dimensions	Lineal Yards.
*West and St. Ann's.	Foundling & Will'm St.	From a point near the Fish Market to Eleanor Street..	6'.0"x4'.11"	1220.66
St. Antoine.....	Des Rivières, St. Antoine, St. François de Sales & Peel Sts.	From St. Bonaventure Street along Des Rivières Street to St. Antoine Street, thence along St. Antoine Street to St. François de Sales Street, along St. François de Sales Street to Dorchester Street, thence along Peel Street to St. Catherine Street.	4'.0"x2'.83"	838.00
West.....	Notre Dame Street...	From McGill Street to St. François Xavier Street.....	3'.0"x2'.03"	400.00
St. James.....	St. Catherine Street...	From Amherst Street to a point near Labelle Street....	3'.0"x2'.03"	335.70
St. Ann's	Inspector Street.....	From William Street to St. Joseph Street.....	4'.0"x2'.83"	206.00
	Chaboillez Square....	From Inspector Street to end of Drain in Albert Street	3'.0"x2'.03"	113.00
				3113.36

* NOTE.—Of this quantity 369,66 lineal yards was laid in 1865.

SCHEDULE No. 5.

CIRCULAR BRICK SEWERS 24-INCHES INSIDE DIAMETER, CONSTRUCTED IN 1866.

WARD.	STREET.	POSITION.	Lineal Yds.
Centre	Capital Street.....	From St. Francois Xavier Street towards Custom House Sq're	57.33
	Fortification Lane....	From a point 144.6 lineal feet from St. Lambert Street to- wards St. Gabriel Street.....	21.36
East	Notre Dame Street...	From end of Sewer, constructed in 1864, to within 30 feet of St. Claude Street.....	42.33
St. Antoine.....	Albert Street.....	From Chaboillez Square to near Mountain Street.....	429.66
	Dorchester Street....	From Guy Street towards the city limits.....	590.00
	Scotland Street.....	From Aqueduct Street toward Guy Street.....	172.00
	Seigneurs Street.....	From St. Bonaventure Street to near St. Joseph Street.....	296.30
	St. David Street.....	From St. Bonaventure Street to near St. Antoine Street.....	89.80
	St. Joseph Street.....	From St. Martin Street to near Guy Street (one-half charged to St. Ann's Ward)	112.90
	St. Martin Street....	From St. Bonaventure Street to St. Joseph Street.....	309.60
St. Ann's	Centre Street.....	From Grand Trunk Street to Richmond Street.....	333.30
	Centre Street.....	From Seigneurs Street to the City limits.....	121.00
	Congregational Street	From Wellington Street south-easterly.....	266.33
	Forfar Street.....	From the River St. Lawrence to near St. Etienne Street.....	434.20
	Madelaine Street.....	From Wellington Street south-easterly.....	285.00
	Seigneurs Street.....	From Grand Trunk Street to St. Patrick Street.....	400.00
	St. Joseph Street.....	From St. Martin Street to near Guy Street (one-half charged to St. Antoine.).....	112.90
Carried Forward.....			4074.01

SCHEDULE No. 5—(Continued.)

SCHEDULE OF CIRCULAR 24-INCH BRICK SEWERS—(Continued.)

WARD.	STREET.	POSITION.	Lineal Yds.
St. Ann's	St. Patrick Street.....	Brought Forward..... From Seigneurs Street to the City Limits.....	4074.01 248.30
St. Lawrence.....	Bleury Street.....	From Ontario Street to Sherbrooke Street.....	230.60
	Bleury Street.....	From Ontario Street to Mayor Street.....	68.50
	George Street.....	From St. Catherine Street to near Plateau Street.....	122.50
	George Street.....	From Ontario Street to Plateau Street.....	86.00
	Jurors Street.....	From Bleury Street to near St. Alexander Street.....	122.66
	Mayor Street.....	From Bleury Street to near City Councillors Street.....	209.00
	Plateau Street.....	From St. George Street to the north-east end	123.30
St. Louis.....	Mignonne Street.....	From Grothe Street to near Sanguinet Street.....	41.33
	St. Emery Street.....	From Sanguinet Street to near St. Denis Street.....	105.33
St. James.....	Jacques Cartier Street	From Craig Street to near St. Mary Street.....	148.20
	Mignonne Street.....	From Ontario Street to a point 121.5 lineal feet beyond St. Hubert Street.....	343.33
	St. Andre Street.....	From St. Catherine Street towards Dorchester Street.....	115.50
	St. Hubert Street.....	From Ontario Street to near Mignonne Street.....	308.00
			<hr/> 6346.56

SCHEDULE No. 6.

NEW BOARD FENCING ERECTED IN 1866.

WARD	STREET.	POSITION.	Pages.
West	St. Francois Xavier & Notre Dame Streets	From Post Office to Thomas Jenking's New Store	7.05
St. Lawrence.....	St. George Street.....	From Ontario Street to Sherbrooke Street.....	130.86
St. Antoine.....	Metcalf Street.....	N. E. side near Dorchester Street.....	23.06
	Scotland Street.....	Across George Bishop's Lot.....	14.55
	Albert Street.....	At south corner of Albert Street and Chaboillez Square.....	9.32
	Chaboillez Square....	Do. do. do.	4.73
	Lagauchetiere Street.	Between St. Monique and Cemetery Streets.....	49.55
St. Louis.....	St. Elizabeth Street..	From Ontario Street to near Mignonne Street.....	44.96
	Sanguinet Street.....	From near St. Emery Street to Sherbrooke Street.....	112.17
St. James.....	Mignonne Street.....	From Panet Street north-east to near Papineau Road.....	184.12
	St. Hubert Street.....	From Sherbrooke Street south-east to near Mignonne Street.	303.97
			884.34

SCHEDULE NO. 7.

SCHEDULE of Streets in which small SEWERS have been constructed with their lengths and cost per yard or box, &c., &c., from the year 1857 to the year 1866 inclusive:—

STREETS.	WARDS.	LENGTHS.	DESCRIPTION.	Year Made	Price # yd. or box
Albert.....	St. Antoine	429.66 yds.	24" Brick.....	1866	\$2.30
Amherst.....	St. James	131.00 "	".....	1863	3.00
".....	"	304.20 "	".....	1865	2.25
".....	"	84.50 "	".....	1865	6.00
Aqueduct.....	St. Antoine	173.66 "	Wood.....	1861	3.25
".....	"	75.70 "	24" Brick.....	1865	2.25
Aylmer.....	"	185.20 "	".....	1865	2.56
Barre.....	St. Ann's	232.00 "	Wood.....	1863	2.00
Beaudry.....	St. James	83 boxes.	".....	1861	5.00
".....	"	252.00 yds.	".....	1862	2.10
Belmont.....	St. Antoine	64.00 "	24" Brick.....	1859	1.90
Berri.....	St. James	116.33 "	".....	1862	2.20
".....	"	209.00 "	".....	1865	2.25
Bisson.....	St. Antoine	76.83 "	24" Square Wood	1864	2.00
Bleury.....	St. Lawrence	17.00 "	Brick.....	1863	2.50
" Upper.....	"	19.20 "	".....	1863	2.85
".....	"	230.60 "	".....	1866	3.25
".....	"	68.50 "	".....	1866	4.00
Bonsecours.....	East.....	42.66 "	".....	1864	5.00
Cadieux.....	St. Louis	151.00 "	Wood.....	1861	1.65
".....	"	153.33 "	".....	1862	1.50
Campeau.....	St. James	311.00 "	".....	1865	2.25
Canning.....	St. Antoine	344.00 "	24" Brick.....	1865	2.85
Capital.....	Centre.....	37.25 "	".....	1866	2.85
Cathcart.....	St. Antoine	244.00 "	".....	1857	2.20
Centre.....	St. Ann's	121.00 "	".....	1866	2.85
".....	"	333.30 "	".....	1865	2.25
Chaboillez.....	"	65.80 "	".....	1866	7.00
Chaboillez Square.....	"	113.00 "	36" x 25" Brick.....	1866	2.25
Champ de Mars.....	East.....	51.00 "	24" Brick.....	1865	2.25
Chatham.....	St. Antoine	592.16 "	".....	1865	2.25
Cemetery.....	"	236.00 "	Wood.....	1862	1.41
College.....	St. Ann's	65.80 "	24" Brick.....	1866	2.25
Congregational.....	"	236.33 "	".....	1866	2.75
Contant.....	St. James	62.00 "	Wood.....	1862	1.00
Courville.....	St. Louis	66.20 "	".....	1863	2.50
Craig.....	St. Mary	101 boxes.	".....	1861	5.00
".....	St. Lawrence	12.00 yds.	12" Clay Pipe.....	1861	2.00
Condé.....	St. Ann's	181.33 "	Wood.....	1862	2.10
De Salaberry.....	St. Mary	84.00 "	".....	1863	1.45
".....	"	100.00 "	24" Brick.....	1863	2.25
Devienne.....	St. Lawrence	43 boxes.	Wood.....	1861	3.00
Dorchester.....	St. Antoine	85.66 yds.	".....	1858	...
".....	"	263.00 "	20" x 24" Brick.....	1860	2.60
".....	"	65.67 "	24" Brick.....	1861	2.50
".....	"	69.00 "	".....	1861	2.00
".....	St. Lawrence	53.00 "	Wood.....	1862	1.60
".....	"	98.66 "	24" Square Wood.....	1862	2.20
".....	St. Louis	71.33 "	Wood.....	1862	1.60
".....	"	36.66 "	".....	1864	3.00
".....	St. Mary	160.66 "	24" Brick.....	1863	2.70
".....	"	206.00 "	".....	1862	2.20
".....	St. Antoine	500.00 "	".....	1866	3.25
".....	"	633.00 "	".....	1860	2.60
Drummond.....	"	51.17 "	".....	1863	4.00
Dubord.....	St. Louis	51.33 "	".....	1865	2.25
".....	St. Ann's	299.00 "	Wood.....	1861	4.00
Duke.....	"	93.33 "	24" Brick.....	1858	2.40
Dupré lane.....	St. Mary	436.00 "	".....	1862	2.55
Durham.....	St. Ann's	168.66 "	Wood.....	1861	4.00
Eleanor.....	"	434.20 "	24" Brick.....	1866	2.85
Forfar.....	St. Louis	196.00 "	Wood.....	1862	2.50
Fortier.....	Centre.....	21.36 "	24" Brick.....	1866	2.30
Fortification lane.....	St. Louis	248.66 "	".....	1864	2.50
German.....	"	"	"	"	"

SCHEDULE OF STREETS, &c.—Continued.

STREETS.	WARDS.	LENGTHS.	DESCRIPTION.	Year Made	Price # yd. or box
Guy.....	St. Antoine	197.00 yds.	Wood.....	1858	\$....
".....	"	660.00 "	36" x 24" Brick...	1861	4.00
".....	"	290.33 "	24" Brick.....	1865	2.25
".....	"	40.00 "	".....	1865	2.25
Hospital.....	West.....	40.00 "	".....	1864	4.00
Hotel Dieu.....	St. Lawrence.	48.66 "	Stone and Brick...	1866	2.85
Jacques Cartier.....	St. James.....	148.20 "	24" Brick.....	1863	2.00
".....	"	293.33 "	Wood.....	1863	2.00
".....	"	675.96 "	24" Brick.....	1864	4.00
".....	"	"	".....	1866	2.30
Jurors.....	St. Lawrence.	122.66 "	".....	1862	1.00
Kempt.....	St. Ann's.....	100.00 "	Wood.....	1859	1.90
Lagauchetiere.....	St. Lawrence.	37.00 "	24" Brick.....	1862	2.20
".....	"	33.00 "	".....	1862	....
".....	"	63.66 "	Wood.....	1864	6.00
".....	St. James.....	55.17 "	24" Brick.....	1864	5.00
".....	"	25.33 "	".....	1864	3.00
".....	St. Antoine	105.83 "	".....	1858	0.50
Lane off Longueuil Ferry.	St. Mary.....	66.66 "	Wood.....	1863	2.25
Latour.....	St. Antoine	81.00 "	24" Brick.....	1866	2.30
Madelaide.....	St. Ann's.....	285.00 "	".....	1858	....
Mansfield.....	St. Antoine	100.00 "	Wood.....	1859	....
".....	"	370.00 "	24" Brick.....	1866	2.85
Mayor.....	St. Lawrence.	209.00 "	".....	1862	3.27
McTavish.....	St. Antoine	472.00 "	".....	1860	2.50
Metcalfe.....	"	388.00 "	".....	1863	1.75
".....	"	144.00 "	Wood.....	1863	1.50
Mignonne.....	St. James.....	51.00 "	".....	1864	6.00
".....	"	94.00 "	24" Brick.....	1864	2-50
".....	St. Louis.....	181.00 "	".....	1866	2.85
".....	St. James.....	343.33 "	".....	1866	2.75
".....	St. Louis.....	41.33 "	".....	1861	4.50
Montcalm.....	St. James.....	62 boxes.	Wood.....	1863	2.00
".....	"	114.00 yds.	".....	1865	2.56
".....	"	77.33 "	24" Brick.....	1859	2.30
Mountain.....	St. Antoine	84.33 "	30" ".....	1864	4.00
Notre Dame.....	East.....	114.36 "	24" ".....	1865	2.56
".....	"	11.33 "	".....	1866	8.50
".....	West.....	400.00 "	36" x 25" Brick...	1866	3.25
".....	East.....	42.33 "	24" Brick.....	1862	1.50
Ottawa.....	St. Ann's.....	136.33 "	Wood.....	1863	2.00
".....	"	83.00 "	".....	1864	0.75
".....	"	80.66 "	".....	1863	3.20
Panet.....	St. Mary.....	405.00 "	24" Brick.....	1859	2.50
Peel.....	St. Antoine	590.00 "	".....	1863	1.75
".....	"	166.33 "	Wood.....	1863	3.20
".....	"	399.33 "	24" Brick.....	1866	3.25
Plateau.....	St. Lawrence.	123.30 "	".....	1859	....
Railroad St. & Chabiz Sq.	St. Antoine	43.00 "	Wooden Culvert...	1862	1.00
Rolland.....	"	101.33 "	Wood.....	1865	2.25
Roy.....	"	114.67 "	24" Brick.....	1865	2.25
Sanguinet.....	St. Louis.....	185.50 "	".....	1866	2.75
Scotland.....	St. Antoine	172.00 "	".....	1863	2.50
Seaton.....	St. Mary.....	226.88 "	".....	1865	2.25
".....	"	126.00 "	".....	1865	2.25
Seigneurs.....	St. Antoine	84.33 "	".....	1866	2.30
".....	"	296.30 "	".....	1866	2.30
".....	St. Ann's.....	400.00 "	".....	1865	2.25
Shaw.....	St. Mary.....	337.00 "	".....	1861	4.30
Sherbrooke.....	St. Antoine	381.33 "	30" x 20" Brick...	1862	2.50
".....	"	100.00 "	24" Brick.....	1863	3.00
".....	St. Lawrence.	135.50 "	".....	1865	2.56
".....	St. Louis.....	493.26 "	".....	1864	4.00
St. André.....	St. James.....	534.37 "	".....	1863	3.00
St. Antoine.....	St. Antoine	174.70 "	".....	1864	3.00
St. Bonaventure.....	"	11.66 "	Wood.....	1858	5.45
".....	"	292.30 "	24" Brick.....	1865	2.25
St. Catherine.....	"	250.76 "	".....	1864	2.75
".....	"	167.17 "	".....	1864	3.50
".....	"	127.33 "	".....	1865	....

SCHEDULE OF STREETS, &c.—Continued.

STREETS.	WARDS.	LENGTHS.	DESCRIPTION.	Year Made	Price per yd. or box
St. Catherine	St. James....	162.60 yds.	36" x 25" Brick...	1866	\$5.25
"	"	173.10 "	"	1866	10.00
St. Charles Barromée....	St. Lawrence....	309.66 "	24" Brick	1862	2.75
St. Christophe	St. James....	129.00 "	"	1864	4.00
St. Constant	St. Louis....	58.66 "	Wood	1862	2.10
"	"	154.00 "	24" Brick	1864	2.50
St. David	St. Antoine ..	89.80 "	"	1866	2.85
St. Denis	St. Ls & St. J.	206.50 "	"	1863	2.50
"	"	726.34 "	"	1864	3.00
St. Dominique	St. Louis....	892.31 "	Wood	1863	2.00
"	"	170.33 "	24" Brick	1864	2.50
" Upper....	"	229.70 "	Stone	1864	4.50
"	"	61.16 "	Wood	1864	4.50
St. Edward's Lane	St. Antoine ..	104.33 "	"	1861	3.25
St. Elizabeth	St. Louis....	51.00 "	"	1862	1.80
St. Emery	"	105.33 "	24" Brick	1866	2.75
St. Etienne	St. Ann's	24.00 "	Wood	1858	0.50
St. Famille	St. Lawrence....	659.66 "	24" Brick	1862	2.75
St. Felix	St. Antoine ..	133.00 "	Wood	1862	1.50
St. Francois de Salles ..	"	101.58 "	24" Brick	1863	2.50
St. George	St. Lawrence....	86.00 "	"	1866	3.25
"	"	122.50 "	"	1866	2.85
St. Hubert	St. James....	308.00 "	"	1866	2.75
St. John	West	127.33 "	"	1863	3.50
St. Joseph	St. Ann's and St. Antoine.	60.20 "	"	1865	2.25
"	St. Antoine & St. Ann's ..	225.80 "	"	1866	2.85
St. Lawrence	St. Lawrence & St. Louis.	346.00 "	Wood	1863	2.50
St. Mary	St. James....	52.17 "	24" Brick	1863	2.50
"	"	46.83 "	"	1865	2.56
St. Martin	St. Antoine ..	140.33 "	"	1863	2.25
"	"	110.33 "	"	1865	2.25
"	"	309.60 "	"	1866	2.30
St. Patrick	St. Ann's	270.00 "	Wood	1858	0.33
"	"	248.30 "	24" Brick	1866	2.85
St. Paul	West	54.33 "	"	1863	...
St. Peter	"	31.00 "	"	1863	2.50
St. Sulpice	Centre	66.66 "	"	1864	6.00
St. Urbain	St. Lawrence....	249.83 "	"	1864	4.00
" Upper	"	50 boxes.	Wood	1860	...
Sydenham	St. Mary	327.16 yds.	24" Brick	1863	2.25
Taillefer Lane	St. Antoine ..	50.12 "	Wood	1862	1.00
University	"	503.50 "	24" Brick	1862	2.20
"	"	66.66 "	"	1865	2.56
Versailles	St. Antoine ..	193.00 "	"	1860	3.25
Victoria	"	37.50 "	Wooden Culvert...	1862	...
"	"	172.00 "	24" Brick	1863	2.50
Viger Square	St. James....	120.33 "	"	1860	2.50
"	"	90.33 "	6" Clay Pipe	1860	0.75
"	"	29.33 "	4"	1860	0.45
Visitation	St. Js & St. M.	480.17 "	Wood	1863	...
Vitré	St. Lawrence....	71.60 "	24" Brick	1864	2.50
Water	St. James....	92.50 "	"	1863	3.00
Wellington	St. Ann's	907.60 "	"	1865	2.56
"	"	442.00 "	Wood	1861	...
Wolfe	St. James....	34 boxes.	"	1860	4.09
"	"	119.26 yds.	24" Wood	1864	2.00
Woodyard	"	75.08 "	Brick	1863	2.80
"	"	19.97 "	"	1865	3.56

SCHEDULE No. 8.

STATEMENT OF EXPENDITURE.

EAST WARD.

STREETS.	Footpaths, Crossings, &c., &c.	Construct- ing and Repairing Drains, Shafts, Cul- verts, &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.
Bonsecours street.....	123.74	.....	2.74	126.48
Champ de Mars street.....	2.56	.....	13.50	16.06
Commissioners street.....	.....	38.40	23.00	61.40
Claude street.....	120.72	.....	48.31	169.03
Court House Square.....	.....	.....	36.50	36.50
Dalhousie square.....	2.00	.....	114.30	116.30
Jacques Cartier square.....	142.28	78.23	1477.11	1697.62
Notre Dame street.....	392.35	.....	177.76	570.11
St. Gabriel street.....	16.84	.....	12.33	29.17
St. Jean Baptiste street.....	4.10	21.45	46.40	71.95
St. Louis street.....	274.29	.....	.....	274.29
St. Paul street.....	62.90	14.60	134.05	211.55
St. Therese street.....	.....	.....	10.60	10.60
Victor street.....	.....	.....	3.00	3.00
Foremen's Wages.....	.....	.....	.....	131.00
TOTAL.....	1141.78	152.68	2099.60	3525.06

CENTRE WARD.

	\$ c.	\$ c.	\$ c.	\$ c.
Capital street.....	252.82	.80	.....	253.62
Commissioners street.....	191.37	16.00	173.79	381.16
Craig street.....	42.96	18.13	.....	61.09
Custom House square.....	.....	30.45	.....	30.45
Fortification Lane.....	10.78	.....	9.48	20.26
Notre Dame street.....	220.72	9.68	1.37	231.77
Place d'Armes.....	112.80	10.10	64.30	187.20
Do..... (enclosure)	.....	.....	177.35	177.35
St. Francois Xavier street.. (half)	15.80	5.44	387.50	408.74
St. Gabriel street.....	7.40	23.20	2.62	33.22
St. Lambert st. & Hill.....	393.90	.....	17.94	411.84
St. Paul street.....	2.18	.....	32.56	34.74
St. Sulpice street.....	157.74	14.95	119.20	291.89
Foremen's Wages.....	.....	.....	.....	131.00
TOTAL.....	1408.47	128.75	986.11	2654.33

WEST WARD.

STREETS.	Footpaths. Crossings, &c., &c.	Construct- ing and Repairing Drains, Shafts, Cul- verts, &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.
Commissioners street.....	4.68	125.87	553.85	684.40
Common street.....	.....	.....	16.95	16.95
Craig street.....	22.06	13.20	2.78	38.04
Dollard street.....	72.34	.....	.....	72.34
Fortification Lane.....	.....	16.40	.80	17.20
Foundling street.....	3.95	9.55	102.25	115.75
Great St. James street.....	106.52	3.20	147.66	257.38
Hospital street.....	26.70	.....	57.30	84.00
Lemoine street.....	.....	21.84	.....	21.84
McGill street.....	32.73	11.58	200.38	244.69
Notre Dame street.....	76.50	68.33	6.34	151.17
Recollet street.....	220.53	.....	91.39	311.92
St. Alexis street.....	120.72	.....	.....	120.72
St. Francois Xavier street.(half)	15.81	5.44	387.50	408.75
St. Helen street.....	175.03	.....	36.99	212.01
St. John street.....	16.20	.....	.....	16.20
St. Paul street.....	229.06	13.65	226.89	469.60
St. Peter street.....	205.67	6.74	94.65	307.06
St. Sacrament street.....	10.46	6.72	9.17	26.35
Victoria square.....	27.60	1.60	46.26	75.46
Do do.....(enclosure.)	.....	.....	197.35	197.35
Youville street.....	.....	.....	115.60	115.60
Foremen's Wages.....	.....	.....	.....	131.00
TOTAL.....	1366.40	294.12	2294.11	4095.77

ST. ANN'S WARD.

STREETS.	Footpaths. Crossings, &c., &c.	Construct- ing and Repairing Drains, Shafts, Cul- verts, &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.
Ann street.....	2.48	3.60	82.66	88.74
Barre street.....	6.27	.80	.....	7.07
Basin street.....	.....	26.40	.....	26.40
Canal street.....	.....	.....	1042.78	1042.78
Canning street.....	8.20	199.60	.....	207.80
Centre street.....	46.11	47.41	.80	94.32
Colborne street.....	3.01	.....	856.83	859.84
College street.....	41.23	24.82	259.51	325.56
Common street.....	16.79	.....	211.13	227.92
Conde street.....	7.34	.....	.....	7.34
Congregational street.....	32.62	.....	.....	32.62
Dalhousie street.....	61.41	7.10	24.06	92.57
Duke street.....	55.19	69.95	29.42	154.56
Dupre lane.....	41.80	.....	16.73	58.53
Eleanor street.....	6.93	.....	.38	7.31
Farm street.....	1.32	.....	.....	1.32
Forfar street.....	113.87	6.38	.....	120.25
Grand Trunk street.....	1.02	.....	59.50	60.52
Grey Nun street.....	146.45	.....	129.88	267.33
Guy street.....	20.56	.....	.80	21.36
Inspector street.....	3.39	12.90	95.03	111.32
Kempt street.....	.....	1.20	299.31	300.51
King street.....	54.95	.....	33.44	88.39
Longueuil lane.....	4.54	.....	13.60	18.14
Madeline street.....	92.62	14.65	3.20	110.47
Manufacturing street.....	21.03	.....	.....	21.03
McCord street.....	61.78	148.16	793.64	1003.58
McGill street.....	79.79	.....	69.36	149.15
Mill street.....	.....	11.38	294.28	305.66
Mondelet street.....	7.58	6.10	.....	13.68
Murray street.....	21.75	19.45	57.48	98.68
Nazareth street.....	5.22	31.67	3.26	40.15
Olier street.....	5.75	.....	12.52	18.27
Ottawa street.....	83.55	10.07	276.14	369.76
Point St. Charles street.....	.....	.....	2.85	2.85
Prince street.....	35.53	.....	14.68	50.21
Queen street.....	80.49	.....	.....	80.49
Richmond street.....	.....	.....	70.37	70.37
Sebastapol street.....	108.52	10.25	.....	118.77
Seigneurs street.....	98.35	2.00	2257.77	2358.12
Shannon street.....	66.22	.....	13.44	79.66
Smith street.....	21.53	.....	49.55	71.08
St. Augustin street.....	11.56	.....	.....	11.56
Carried Forward.....	1476.75	653.89	7065.40	9196.04

ST. ANN'S WARD—*Continued.*

STREETS.	Footpaths, Crossings, &c., &c.	Construct- ing and Repairing Drains, shafts, Cul- verts &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.
Brought Forward.....	1476.75	653.89	7065.40	9196.04
St. Etienne street.....	.....	.51	.....	.51
St. Henry street.....	12.30	.....	.....	12.30
St. Joseph street.....	528.12	.....	.....	528.12
St. Martin street.....	52.36	.....	2.04	54.40
St. Maurice street.....	495.25	.....	160.28	655.53
St. Patrick street.....	72.75	67.90	.....	140.65
St. Pierre Road.....	61.37	291.15	868.00	1220.52
St. Thomas street.....	33.06	.....	.....	33.06
Street off Wellington Bridge....	.....	.....	123.37	123.37
Versailles street.....	.....	.....	3.80	3.80
Wellington street.....	454.28	182.70	424.75	1061.73
William street.....	41.60	419.30	555.18	1016.08
Foremen's Wages.....	.....	.....	.....	131.00
TOTAL.....	3227.84	1615.45	9202.82	14177.11

ST. ANTOINE WARD.

STREETS.	Footpaths, Crossings, &c., &c.	Construct- ing and Repairing Drains, Shafts, Cul- verts, &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.
Albert street.....	1.05	157.70	10518.87	10677.62
Aqueduct street.....	30.27	.80	38.25	69.32
Aylmer street.....	21.93	1.60	129.46	152.99
Beaver Hall hill and square.....	401.42	.....	105.52	506.94
Belmont street.....	.....	5.77	.....	5.77
Bisson street.....	14.27	1.97	.....	16.24
Brunswick street.....	.....	67.90	.....	67.90
Burnside street.....	43.72	18.15	23.27	85.14
Canning street.....	52.97	153.99	594.99	801.95
Cathcart street.....	.52	14.85	58.19	73.56
Cemetery street.....	39.04	28.35	109.33	176.72
Chaboillez street.....	.....	3.20	63.00	66.20
Do square.....	.....	.....	27.28	27.28
Chatham street.....	37.59	16.25	15.38	69.22
City Councillor street.....	.....	.....	3.20	3.20
Cote des Neiges Road.....	.....	.....	371.21	371.21
Craig street.....	610.27	.....	598.66	1208.93
Dorchester street.....	1006.75	13.92	798.75	1819.42
Drummond street.....	23.57	.....	.....	23.57
Fulford street.....	56.50	.....	2.06	58.56
Guy street.....	18.67	128.17	148.03	294.87
Inspector street.....	11.31	16.47	28.77	56.55
Juror street.....	147.87	14.00	846.31	1008.18
Lagauchetiere street.....	308.09	.....	2152.25	2460.34
Latour street.....	88.12	.....	228.36	316.48
Little St. Antoine.....	70.26	.....	3.43	73.69
Mansfield street.....	15.72	.....	9.66	25.38
Metcalf street.....	57.60	.....	46.76	104.36
McGill street.....	.....	.....	69.87	69.87
McGill College Avenue.....	90.21	.....	2.74	92.95
McTavish street.....	.....	.....	22.00	22.00
Mountain street.....	349.49	129.05	139.88	618.42
Ontario street.....	64.52	.....	232.21	296.73
Peel street.....	125.26	5.40	532.42	663.08
Phillips square.....	12.53	.....	3.50	16.03
Do.....(enclosure)	.....	.....	200.65	200.65
Redpath street.....	82.29	.....	.....	82.29
Richmond square.....	37.33	.....	68.65	105.98
Rolland street.....	10.03	1.02	2.05	13.10
Roy lane.....	4.49	.....	106.40	110.89
St. Alexander street.....(half)	116.20	6.14	13.28	135.62
St. Antoine street.....	976.74	61.02	60.38	1098.14
St. Bonaventure street.....	384.37	177.22	454.22	1015.81
St. Catherine street.....	106.22	120.52	79.38	306.12
St. David street.....	8.07	.....	103.47	111.54
Carried Forward.....	5425.26	1143.46	19012.09	25589.81

ST. ANTOINE WARD—Continued.

STREETS.	Footpaths, Crossings, &c., &c.	Construct- ing and Repairing Drains, Shafts, Cul- verts, &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS
	\$ c.	\$ c.	\$ c.	\$ c.
Brought Forward	5425.26	1143.46	19012.09	25580.81
St. Francois de Sales street.....	.....	.....	7.30	7.30
St. Janvier street.....	61.44	.....	.....	61.44
St. Joseph street.....	1060.56	.....	325.33	1385.89
St. Margaret street.....	48.07	24.80	7.88	80.75
St. Martin street.....	54.70	17.15	20.74	92.59
St. Michael's lane.....	4.12	.....	63.70	67.82
St. Monique street.....	.....	.....	140.20	140.20
St. Radegonde street.....	.79	.....	389.14	389.93
St. Sophia lane.....	12.08	.....	1.37	13.45
Scotland street.....	24.11	.....	154.67	178.78
Seigneurs street.....	177.71	9.82	50.11	237.64
Sherbrooke street.....	309.83	39.80	446.00	795.63
Simpson street.....	.....	.....	97.92	97.92
Stanley street.....	.....	.....	1.60	1.60
Union Avenue.....	404.20	38.65	819.42	1262.27
University street.....	247.42	137.97	477.85	863.24
Victoria street.....	59.65	1.25	32.31	93.21
Workman street.....	3.07	.....	.....	3.07
Foremen's Wages.....	.....	.....	.....	131.00
TOTAL.....	7893.01	1412.90	22047.63	31484.54

ST. LAWRENCE WARD.

STREETS.	Footpaths. Crossings, &c., &c.	Construct- ing and Repairing Drains, Chafits, Cul- verts, &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.
Anderson street.....	12.51	.....	149.50	162.01
Berthelot street.....	343.25	11.05	2.06	356.36
Bleury street.....	439.11	83.53	1035.38	1558.02
Bronsdons lane.....	8.45	.....	.....	8.45
Chenneville street.....	14.96	.....	.....	14.96
City Councillor street.....	.....	7.49	133.02	140.51
Cotte street.....	88.54	.....	.....	88.54
Craig street.....	159.34	.....	57.19	216.53
Devienne street.....	.....	.....	73.65	73.65
Dorchester street.....	244.67	.....	6.85	251.52
Durocher street.....	22.33	.....	.....	22.33
Evans street.....	24.70	.....	.....	24.70
Hermine street.....	234.79	.....	33.40	268.19
Hotel Dieu street.....	.....	.....	36.50	36.50
Juror street.....	77.84	52.88	823.82	954.54
Lagauchetiere street.....	33.99	.....	103.04	137.03
Mance street.....	47.14	.....	719.71	766.85
Mayor street.....	.....	.....	3.10	3.10
Mignonne street.....	112.66	.....	44.12	156.78
Ontario street.....	22.39	3.80	719.80	745.99
Plateau street.....	9.81	.....	.....	9.81
Sherbrooke street.....	1094.60	37.40	1377.57	2509.57
St. Alexander street..... (half)	116.21	6.14	13.28	135.62
St. Bernard street.....	6.16	.....	.....	6.16
St. Catherine street.....	190.83	25.77	792.57	1009.17
St. Charles Barromee street.....	199.10	15.60	37.11	251.81
St. Famille street.....	.....	.....	24.50	24.50
St. George street.....	95.38	18.93	631.49	745.80
St. Lawrence street..... (half)	65.42	13.10	608.32	686.84
St. Phillippe street.....	.....	.....	34.50	34.50
St. Urbain street.....	566.65	44.30	406.56	1017.51
Vallée street.....	.....	4.80	.....	4.80
Vitré street.....	39.14	14.58	159.61	213.33
Foremen's Wages.....	.....	.....	.....	131.00
TOTAL.....	4269.96	339.37	8026.64	12766.98

ST. LOUIS WARD.

STREETS.	Footpaths, Crossings, &c., &c.	Construct- ing and Repairing Drains, Shafts, Cul- verts, &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.
Boyer lane.....	23.33	.....	.....	23.33
Cadieux street.....	68.97	.....	173.25	242.22
Charlotte street.....	9.69	.....	.....	9.69
Craig street.....	34.21	.....	189.76	223.97
Dorchester street.....	75.38	.....	60.86	136.24
Dubord street.....	12.99	.....	84.30	97.29
Dumarais street.....	76.52	.....	.....	76.52
Fortier street.....	52.24	.....	.....	52.24
German street.....	139.69	33.70	237.34	410.73
George Hypolite street.....	10.41	.....	.....	10.41
Lagauchetière street.....	21.05	.....	95.83	116.88
Mignonne street.....	26.21	6.10	81.54	113.85
Ontario street.....	161.54	25.38	73.00	259.92
St. Catherine street.....	64.64	22.65	63.80	151.09
St. Constant street.....	162.88	50.05	244.96	457.89
St. Denis street.....(half)	717.87	60.12	231.64	1009.63
St. Dominique street.....	136.89	106.00	185.50	428.39
St. Elizabeth street.....	3.75	44.25	393.16	441.16
St. James square.....	.....	.....	1.50	1.50
St. Lawrence street.....(half)	65.42	13.10	608.32	686.84
St. Louis street.....	43.95	.....	17.64	61.59
Sanguinet street.....	471.66	6.40	280.77	758.83
Sherbrooke street.....	330.94	.80	567.88	899.62
Vitré street.....	.....	6.40	238.46	244.86
1st street off Cadieux.....	10.96	.....	.....	10.96
Foremen's Wages.....	.....	.....	.....	131.00
TOTAL.....	2721.18	374.96	3829.51	7056.65

ST. JAMES WARD.

STREETS.	Footpaths, Crossings, &c., &c.	Construct- ing and Repairing Drains, Shafts, Cul- verts, &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.
Amherst street.....	313.65	59.45	1041.17	1414.27
Beaudry street.....	187.59	1.60	210.45	399.64
Berri street.....	472.26	50.48	22.97	545.71
Campeau street.....	109.01	2.40	.....	111.41
Contant street.....	37.28	.....	.....	37.28
Craig street.....	371.73	45.62	85.08	502.43
Dorchester street.....	94.84	65.25	13.52	173.61
Dubord street.....	106.27	.....	268.04	374.31
Lacroix street.....	.....	.....	1923.58	1923.58
Lagauchetière street.....	130.24	15.20	99.74	245.18
Mignonne street.....	50.60	3.40	2.30	56.30
Montcalm street.....	143.14	10.70	27.03	180.87
Ontario street.....	34.30	.....	47.62	81.92
Perthuis street.....	6.04	.....	.....	6.04
Robin lane.....	28.17	.....	.....	28.17
Sherbrooke street.....	76.35	.....	247.11	323.46
St. André street.....	104.05	21.70	1137.87	1263.62
St. Catherine street.....	750.16	4.00	170.36	924.52
St. Denis street.....(half)	717.88	60.11	231.64	1009.63
St. Louis street.....	.....	.....	2.25	2.25
St. Hubert street.....	166.87	55.98	610.90	833.75
St. Mary street.....	.....	.....	39.01	39.01
St. Nicholas Tollentine street...	199.66	39.94	169.71	409.31
Viger (enclosure) square.....	.....	.....	1961.08	1961.08
Visitation street.....(half)	27.91	87.66	345.57	461.14
Water street.....	14.22	9.60	86.38	110.20
Wolfe street.....	130.82	.....	.....	130.82
Woodyard street.....	60.00	.....	.....	60.00
Foremen's Wages.....	.....	.....	.....	131.00
TOTAL.....	4333.03	533.09	8743.39	13740.52

ST. MARY'S WARD.

STREETS.	Footpaths. Crossings, &c., &c.	Construct- ing and Repairing Drains, Shafts, Cul- verts, &c.	Grading, Forming, Macadamiz'g, Fencing, Purchase of Property &c.	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.
Allard street.....	12.76	.....	.....	12.76
Burrel lane.....	8.20	.....	.....	8.20
Colborne Avenue.....	90	.....	4.50	5.40
Craig street.....	53.63	.....	10.47	64.10
DeSalaberry street.....	3.08	.....	.....	3.08
Dorchester street.....	55.26	.....	5.05	60.31
Dufresne street.....	32.16	.....	.....	32.16
Durham street.....	261.01	4.80	.....	265.81
Fullum street.....	1.20	514.74	1340.13	1856.07
Gain street.....	13.55	.....	.....	13.55
Kent street.....	4.35	8.60	.....	12.95
Lagauchetière street.....	103.20	1.60	2.06	106.86
Mignonne street.....	.....	.....	331.41	331.41
Ontario street.....	25.21	.....	148.80	174.01
Panet street.....	327.33	65.55	41.10	433.98
Papineau Road and square.....	126.75	157.71	568.78	853.24
Parthenais street and square....	10.65	3.20	15.25	29.10
Robin street.....	2.19	.....	.....	2.19
Seaton street.....	71.53	.....	315.95	387.48
Shaw street.....	31.09	33.35	6.30	70.74
St. Catherine street.....	157.51	.....	74.90	232.41
St. Ignace street.....	45	.....	.....	.45
St. Mary street.....	977.73	55.30	82.85	1115.88
Visitation street.....(half	27.90	87.66	345.58	461.14
Sydenham street.....	3.75	24.10	1321.31	1349.16
Voltigeurs street.....	3.84	.....	48.11	51.95
Water street.....	.....	.....	67.46	67.46
Foremen's Wages.....	.....	.....	.....	131.00
TOTAL.....	2315.23	956.61	4730.01	8132.85

MISCELLANEOUS ITEMS.

Contingencies	\$1,928 76	
Hardware	386 96	
Stationery	206 53	
Printing	220 22	
Blacksmith's Work.....	811 83	
Rent of Yard.....	161 50	
Numbering Houses and Lots.....	790 72	
Winter Roads.....	126 67	
		\$4,633 19

OLD DEBTS PAID OFF:—

E. Hudon Fils & Cie.....for timber.	\$1,170 80	
Mavor & Bowie..... for small Sewers.	5,203 73	
Richd. McKeown.....for paving, &c.	141 26	
		\$6,515 79

MATERIALS ON HAND:—

Flag Stones.....	\$1,409 50	
Drain Materials and Pipes loaned.....	1,031 05	
Block Stones.....	962 50	
		\$3,403 05

SERVICE IN DEPARTMENT:—

Messenger	\$397 50	
Chain and Rodmen.....	597 20	
Special Policemen.....	63 60	
Yard Keeper.....	202 36	
		\$1,260 66
Cleaning Streets and Removing Snow....		\$17,084 84

SEWERS:—

William Street Sewer.....	\$16,219 30	
Point St. Charles Sewer.....	400 00	
St. Andre and St. Catherine Street Sewer	3,517 88	
Des Rivieres, St. Antoine, St. Francois		
de Sales and Peel Street Sewer.....	8,628 83	
Notre Dame Street Sewer.....	3,832 08	
Inspector " "	4,612 62	
Work performed on William Street Sewer		
for Acct. of Montreal Water Works	41 72	
Connections, &c.....	1,204 29	
Small Brick Sewers.....	12,770 72	
		\$51,320 44
		<u>\$84,217 97</u>

SUMMARY.

East Ward.....	\$3,525 06	
Centre Ward.....	2,654 33	
West Ward.....	4,095 77	
St. Ann's Ward	14,177 11	
St. Antoine Ward	31,484 54	
St. Lawrence Ward.....	12,766 98	
St. Louis Ward.....	7,056 65	
St. James Ward.....	13,740 52	
St. Mary's Ward.....	8,132 85	
	<hr/>	\$97,633 81
Miscellaneous items.	\$4,633 19	
Old debts paid off.....	6,515 79	
Materials on hand.....	3,403 05	
Service in Department.....	1,260 66	
Cleaning Streets and Removing Snow....	17,084 84	
Sewers	51,320 44	
	<hr/>	\$84,217 97
		<hr/>
		\$181,851 78
Amount paid per Warrant Book	\$163,616 59	
“ due to Jail Authorities		
for stones.....	\$4,976,40	
“ due to R. McKeown		
for paving.....	117,14 5,093 54	
“ of Materials on hand at com-		
mencement of season 1866-7...	13,141 65	
	<hr/>	\$181,851 78
		<hr/>

SCHEDULE No. 9.

TABULAR STATEMENT of the ROAD DEPARTMENT of the CORPORATION OF MONTREAL, from the date of the Incorporation of the City,
in the year 1840, to the civic year ending 31st January, 1867 inclusive.

NOTE.—The amounts of expenditure in the Queen's, St. Lawrence and St. Mary's Wards, for the years 1841, '2 '3 and '4 are divided and charged in equal proportions to the Wards which now represent them.

WARDS.	1841 & 2	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	TOTALS.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
East Ward.....	22267.57	10152.23	1339.36	812.00	698.38	2223.85	1191.75	515.53	517.70	145.93	2180.47	1177.37	11745.37	1403.73	8844.92	9883.42	6051.07	743.96	5525.19	1516.26	1773.21	2468.29	2850.74	1003.23	3525.06	100556.59
Centre	22291.52	1174.72	1043.66	5574.95	599.36	578.97	1440.60	901.66	341.05	472.55	1947.42	1652.23	7422.53	980.30	16651.65	5291.95	8025.29	1807.84	5800.94	1997.60	2225.56	3484.61	1403.63	6667.12	2654.33	102432.04
West	30313.75	3848.12	3508.07	2101.12	356.80	1766.10	2108.05	667.55	476.08	496.74	2260.43	1461.82	12952.66	1036.10	9264.41	6249.77	5893.59	1915.62	9867.74	3387.59	4533.69	9476.44	5196.75	1918.23	4095.77	125152.99
St. Ann.....	50580.60	9857.82	6609.21	5680.58	1277.92	4655.14	3136.12	2320.93	1247.95	1131.75	2228.99	2031.23	9593.77	2862.18	9885.26	5701.12	11300.58	4085.76	13037.52	18183.89	9935.59	16289.01	12489.92	12212.40	14177.11	196988.32
(Queen's).....				5134.60	1052.80	3381.57	3768.39	2070.82	1230.24	1546.09	2252.99	1763.80	15214.24	3668.62	14176.67	10268.60	14357.77	9021.38	26602.61	28369.93	17312.42	18855.76	14502.43	15434.16	31484.54	274994.05
St. Antoine..	26689.20	9765.52	5114.05	9847.79	1673.97	3551.52	1940.45	1172.05	798.40	818.32	1180.87	1154.69	6136.88	2520.40	5979.26	4640.74	8552.28	1712.32	9738.88	7943.90	10575.22	9359.44	11221.57	6449.44	12766.98	140519.75
St. Lawrence.....				812.00	698.38	2223.85	1191.75	515.53	517.70	145.93	2180.47	1177.37	11745.37	1403.73	8844.92	9883.42	6051.07	743.96	5525.19	1516.26	1773.21	2468.29	2850.74	1003.23	3525.06	100556.59
East Ward (St. Lawrence).....																										
Centre	22291.52	1174.72	1043.66	5574.95	599.36	578.97	1440.60	901.66	341.05	472.55	1947.42	1652.23	7422.53	980.30	16651.65	5291.95	8025.29	1807.84	5800.94	1997.60	2225.56	3484.61	1403.63	6667.12	2654.33	102432.04
West	30313.75	3848.12	3508.07	2101.12	356.80	1766.10	2108.05	667.55	476.08	496.74	2260.43	1461.82	12952.66	1036.10	9264.41	6249.77	5893.59	1915.62	9867.74	3387.59	4533.69	9476.44	5196.75	1918.23	4095.77	125152.99
St. Ann.....	50580.60	9857.82	6609.21	5680.58	1277.92	4655.14	3136.12	2320.93	1247.95	1131.75	2228.99	2031.23	9593.77	2862.18	9885.26	5701.12	11300.58	4085.76	13037.52	18183.89	9935.59	16289.01	12489.92	12212.40	14177.11	196988.32
(Queen's).....				5134.60	1052.80	3381.57	3768.39	2070.82	1230.24	1546.09	2252.99	1763.80	15214.24	3668.62	14176.67	10268.60	14357.77	9021.38	26602.61	28369.93	17312.42	18855.76	14502.43	15434.16	31484.54	274994.05
St. Antoine..	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
St. Lawrence.....				9847.79	1673.97	3551.52	1940.45	1172.05	798.40	818.32	1180.87	1154.69	6136.88	2520.40	5979.26	4640.74	8552.28	1712.32	9738.88	7943.90	10575.22	9359.44	11221.57	6449.44	12766.98	140519.75
East Ward (St. Lawrence).....	26689.20	9765.52	5114.05	812.00	698.38	2223.85	1191.75	515.53	517.70	145.93	2180.47	1177.37	11745.37	1403.73	8844.92	9883.42	6051.07	743.96	5525.19	1516.26	1773.21	2468.29	2850.74	1003.23	3525.06	100556.59
Centre	22291.52	1174.72	1043.66	5574.95	599.36	578.97	1440.60	901.66	341.05	472.55	1947.42	1652.23	7422.53	980.30	16651.65	5291.95	8025.29	1807.84	5800.94	1997.60	2225.56	3484.61	1403.63	6667.12	2654.33	102432.04
West	30313.75	3848.12	3508.07	2101.12	356.80	1766.10	2108.05	667.55	476.08	496.74	2260.43	1461.82	12952.66	1036.10	9264.41	6249.77	5893.59	1915.62	9867.74	3387.59	4533.69	9476.44	5196.75	1918.23	4095.77	125152.99
St. Ann.....	50580.60	9857.82	6609.21	5680.58	1277.92	4655.14	3136.12	2320.93	1247.95	1131.75	2228.99	2031.23	9593.77	2862.18	9885.26	5701.12	11300.58	4085.76	13037.52	18183.89	9935.59	16289.01	12489.92	12212.40	14177.11	196988.32
(Queen's).....				5134.60	1052.80	3381.57	3768.39	2070.82	1230.24	1546.09	2252.99	1763.80	15214.24	3668.62	14176.67	10268.60	14357.77	9021.38	26602.61	28369.93	17312.42	18855.76	14502.43	15434.16	31484.54	274994.05
St. Antoine..	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
St. Lawrence.....				9847.79	1673.97	3551.52	1940.45	1172.05	798.40	818.32	1180.87	1154.69	6136.88	2520.40	5979.26	4640.74	8552.28	1712.32	9738.88	7943.90	10575.22	9359.44	11221.57	6449.44	12766.98	140519.75
East Ward (St. Lawrence).....	26689.20	9765.52	5114.05	812.00	698.38	2223.85	1191.75	515.53	517.70	145.93	2180.47	1177.37	11745.37	1403.73	8844.92	9883.42	6051.07	743.96	5525.19	1516.26	1773.21	2468.29	2850.74	1003.23	3525.06	100556.59
Centre	22291.52	1174.72	1043.66	5574.95	599.36	578.97	1440.60	901.66	341.05	472.55	1947.42	1652.23	7422.53	980.30	16651.65	5291.95	8025.29	1807.84	5800.94	1997.60	2225.56	3484.61	1403.63	6667.12	2654.33	102432.04
West	30313.75	3848.12	3508.07	2101.12	356.80	1766.10	2108.05	667.55	476.08	496.74	2260.43	1461.82	12952.66	1036.10	9264.41	6249.77	5893.59	1915.62	9867.74	3387.59	4533.69	9476.44	5196.75	1918.23	4095.77	125152.99
St. Ann.....	50580.60	9857.82	6609.21	5680.58	1277.92	4655.14	3136.12	2320.93	1247.95	1131.75	2228.99	2031.23	9593.77	2862.18	9885.26	5701.12	11300.58	4085.76	13037.52	18183.89	9935.59	16289.01	12489.92	12212.40	14177.11	196988.32
(Queen's).....				5134.60	1052.80	3381.57	3768.39	2070.82	1230.24	1546.09	2252.99	1763.80	15214.24	3668.62	14176.67	10268.60	14357.77	9021.38	26602.61	28369.93	17312.42	18855.76	14502.43	15434.16	31484.54	274994.05
St. Antoine..	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
St. Lawrence.....				9847.79	1673.97	3551.52	1940.45	1172.05	798.40	818.32	1180.87	1154.69	6136.88	2520.40	5979.26	4640.74										

ANNUAL REPORT
OF THE
SUPERINTENDENT
OF
THE MONTREAL WATER WORKS,
FOR THE
YEAR ENDING 31ST JANUARY, 1867.

PRINTED BY ORDER OF THE WATER COMMITTEE.



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1867.

ANNUAL REPORT
OF THE
SUPERINTENDENT OF THE MONTREAL
WATER WORKS,
FOR THE YEAR ENDING JANUARY 31st, 1867.

To the Chairman and Members

Of the Water Committee,

GENTLEMEN,

I beg leave to submit my Annual
Report for the year 1866:

AQUEDUCT.

The repairs done on the Aqueduct during the year, have been the cleaning of a portion of the Berm and side ditches, the filling up of a few ruts in the banks caused by the surface water, the repairing of farm bridges and fences, wherever it was found necessary.

During the summer I have taken cross sections of the Aqueduct, at every hundred feet apart, from the Settling Basin to the Stop Gates at the Rock Cut, with the view to ascertain the extent of the obstructions into the channel of the Aqueduct, caused by slides of the banks or otherwise; and to see also how far they might have been the cause of the difficulties experienced with the flow of the water into the Aqueduct every winter, since the beginning of its operation, especially last winter.

The following is a Schedule, shewing the area of the cross sections of the wetted perimeter :—

No. of Cross Sections.	No. of feet above Settling Pond.	Area of Cross Section in square feet.	No. of Cross Sections.	No. of feet above Settling Pond.	Area of Cross Section in square feet.
1	100	319.75	60	6,000	321.10
2	200	310.00	61	6,100	320.05
3	300	322.90	62	6,200	304.02
4	400	300.24	63	6,300	308.80
5	500	284.78	64	6,400	321.31
6	600	296.35	65	6,500	323.55
7	700	320.10	66	6,600	331.75
8	800	323.90	67	6,700	336.24
9	900	323.80	68	6,800	217.55
10	1,000	326.16	69	6,900	331.24
11	1,100	321.00	70	7,000	322.30
12	1,200	332.06	71	7,100	317.85
13	1,300	326.02	72	7,200	320.80
14	1,400	305.70	73	7,300	305.72
15	1,500	326.58	74	7,400	303.13
16	1,600	310.58	75	7,500	302.16
17	1,700	310.72	76	7,600	306.60
18	1,800	299.28	77	7,700	308.45
19	1,900	322.56	78	7,800	308.98
20	2,000	328.00	79	7,900	305.88
21	2,100	335.46	80	8,000	321.16
22	2,200	335.48	81	8,100	299.48
23	2,300	281.50	82	8,200	297.98
24	2,400	290.24	83	8,300	253.95
25	2,500	306.65	84	8,400	334.70
26	2,600	309.30	85	8,500	334.25
27	2,700	300.87	86	8,600	311.21
28	2,800	300.88	87	8,700	305.90
29	2,900	279.50	88	8,800	207.65
30	3,000	298.46	89	8,900	295.90
31	3,100	278.01	90	9,000	319.82
32	3,200	293.16	91	9,100	320.89
33	3,300	294.25	92	9,200	334.26
34	3,400	283.35	93	9,300	307.76
35	3,500	309.30	94	9,400	320.10
36	3,600	310.38	95	9,500	316.89
37	3,700	295.91	96	9,600	312.61
38	3,800	319.55	97	9,700	319.45
39	3,900	315.32	98	9,800	312.40
40	4,000	317.35	99	9,900	298.30
41	4,100	325.49	100	10,000	306.55
42	4,200	333.40	101	10,100	302.50
43	4,300	305.16	102	10,200	272.85
44	4,400	328.50	103	10,300	306.40
45	4,500	312.95	104	10,400	301.90
46	4,600	312.95	105	10,500	295.85
46 ¹ ₂	4,650	307.80	106	10,600	305.05
47	4,700	307.60	107	10,700	281.26
48	4,800	294.81	108	10,800	290.65
49	4,900	310.28	109	10,900	299.35
50	5,000	310.95	110	11,000	294.54
51	5,100	303.15	111	11,100	296.04
52	5,200	303.58	112	11,200	294.05
53	5,300	322.00	113	11,300	294.69
54	5,400	299.78	114	11,400	282.09
55	5,500	315.08	115	11,500	283.80
56	5,600	322.16	116	11,600	271.57
57	5,700	319.89	117	11,700	269.15
58	5,800	329.66	118	11,800	284.80
59	5,900	324.35			

In this Schedule a great many of these Areas differ from each other, and also from the regular area, which

should be 325 square feet. Most of these areas measure less; this is due to the slides in the banks which have taken place in the Aqueduct, especially at the commencement of its operation. Since that time some of the stone lining at the level of the water has been every year more or less disturbed by the ice, but not to such an extent as to impair materially the flow of water.

I have ordered, at the beginning of this winter, the Stop Logs of the Gates at the Rock Cut to be taken out, as an experiment, so as to give the Aqueduct its full sectional area, and left the water level to be regulated by the Waste Weir at the Wheel House.

By this means the water level has been regulated very satisfactorily, although in the River St. Lawrence, at the entrance of Aqueduct, its level has varied as much as three feet since the beginning of the cold weather; there is every probability that very little trouble will be experienced this season, especially, as the head of water is two feet higher this year than it was last year at the same date; and also a greater attention is paid to the level of water this winter, by the Engineer in charge at the Wheel House.

This latter part of the work is, however, accomplished with a good deal of difficulty, the result of the following inconveniences. In the first place, the Sluice Gates at the Wheel House, used to regulate the level of water, as above mentioned, are very much exposed to the frost, so that it is difficult to use them in winter, at which time they are most required—and it is only by keeping men employed to clear the ice from them, that they can be used, and then even with some difficulty.

To remedy this, I recommend that a proper covering be put over them, so as to protect at all times their working from the action of the frost.

This would also obviate the expense of cutting the ice round them.

Another draw back, is the want of a rapid communi-

cation from the entrance of the Aqueduct to the Wheel House, so as to insure more effectually the proper control of the water level, and by that avoid many of the difficulties which otherwise would be unavoidable. I recommend, therefore, that the Telegraph wire be extended from the Stop Gates at the Rock Cut, to the entrance of the Aqueduct, where another instrument should be placed, to communicate with the Wheel House. This expense would be very little, compared with the benefits resulting from it.

Several of the Farm Bridges on the Aqueduct, require repairs, and new flooring. The first one from the entrance at Dumbary's farm, wants to be renewed entirely, it is now unsafe. [A new Bridge has been since ordered by your Committee.]

The expenditure on the Aqueduct this year, is as follows :—

Repairs to Fences, Bridges, Ditches, &c.....	\$ 496.86
Cutting Ice.....	2419.74
Keeper's salary.....	375.00
	<hr/>
	\$3291.60

WHEEL-HOUSE.

All the Repairs to the Wheel-House contemplated in my last year's Report have been done. The Breast Wheels and Pumps, which had been at work for ten years, without any important repairs, have been improved and repaired as follows :—

The bottoms of the old Air Vessels which were leaking for many years have been renewed, and two new Check Valves on the delivery main were put in place of the old ones. The six Pumps which were getting loose at the foundation plate, have been rendered more steady by bolting them to a strong cast iron beam, which extends the whole length of the Pump's pit. All the small pumps employed to pump the leakage of the old Air Vessels

have been removed, leaving only the small Turbine Wheel to pump the leakage coming through the walls of the Pump's pit. The Pumps attached to this Wheel were also temporarily removed to make room for the air Vessels, whose bottoms had to be taken out and new ones introduced in the Pump's room by an opening made purposely through the wall of the building. In the mean while, in order to get rid of the leakage, a suction cast iron pipe was laid from the Pump's room to the Wheel pit of the new Wheel-House, and connected to the Pumps of the other small Turbine Wheel, which performed the work of pumping during the repairs.

Two new wrought iron Crank Shafts imported from England have been put in place of the old ones.

The Machinery to stop and start the Breast Wheels, is now moved by small water Wheels, instead of by hand as before, and each Breast Wheel with their Pumps have been rendered independent of each other, first, by the introduction of the new check Valves in place of the old ones, as mentioned above, and by attaching to each Air Vessel a Balance Valve to act as a regulator of the pressure in starting or stopping each Wheel, so that the two Breast Wheels can be started or stopped independent of each other, and that by one man only, instead of three as before.

A new cast iron Floor and Stairs have replaced the wooden Floor and Stairs over the Pump's pit. A cast iron Beam has been laid across and under the Beams supporting the two Crank Shafts, so as to prevent the vibration that was experienced before.

New automatic Air Pumps have been attached to the Air Vessels, in order to keep them constantly supplied with air.

These instruments are remarkable for their simplicity and efficacy, and are worked upon the well known principle of the equilibrium of fluids. They are the invention of Thos. Walsh, who has been superintending these

repairs, and who has been since permanently appointed the first Engineer over the Pumping Machinery at the Wheel House. Most of these repairs have been done by J. McDougall, who had a contract with the Corporation to that effect.

While the work was going on, the supply of water to the City was pumped by the Turbine Wheel, the only pumping machinery then available for the purpose. This Wheel, up to last Spring, owing to the jar and shock of the building, caused by the construction of the valves of the Pumps, could not be worked with safety beyond 10 revolutions, at which speed it could only pump about 3,400,000 galls. in the 24 hours. Various improvements have been made to these Valves and also to the Pilow Blocks of the Centre Shaft, so that now a speed of sixteen revolutions can be obtained; that is four more than were first calculated on, without any of the shocks that were felt before. At the speed of 16 revolutions, the Pumps are able to deliver 5,350,000 Gallons in the Reservoir per 24 hours.

By this means, the full supply of water could be allowed to the City, while the Breast Wheels were getting repaired.

The Turbine Wheel has been constantly at work from the 28th of August last till the 12th of December.

The advantage of this Wheel over the Breast Wheel has been well demonstrated this winter. When the ice has formed over the Aqueduct, the water is so reduced that ordinarily it is not sufficient to drive the two Breast Wheels when under the Reservoir pressure, and is too much for one of these wheels alone. The Turbine as at present improved is just calculated to the capacity of the Aqueduct in winter, and consequently utilizes the water power to a better advantage.

It is for this reason that, since the end of December it has alone supplied the City with water up to date, although the two Breast Wheels were in thorough repair.

The following tables show the duty of each wheel and the amount of Oil, Tallow, &c., used in the works during the year :—

SCHEDULE Showing the duty of Turbine Wheel.

MONTH.	Revolutions.	Number of Gallons Pumped.	Olive oil in Gallons.	Tallow in Lbs.	Coal oil in galls.	Coal for Fuel in lbs.
1866.						
February	206,709	53,330,922	11.15	6.00	7.98	7,304
March	297,092	76,649,736	15.52	11.08	10.44	7,568
April	82,995	21,412,710	4.48	4.02	1.69	5,500
May .....	.....	.....	.....	.....	.....	.....
June	228,395	58,925,910	11.00	2.00	2.09	.....
July	232,656	60,025,248	9.57	5.12	3.23	.....
August	227,359	58,658,622	10.29	2.14	4.18	.....
September	637,000	164,348,000	24.29	24.00	8.87	.....
October	656,058	168,262,964	21.77	6.00	10.77	756
November	654,114	168,761,412	24.56	4.08	24.95	5,154
December	349,455	90,159,390	10.86	6.06	6.34	6,746
1867.						
January	290,681	74,995,698	10.37	15.08	7.00	7,560
Total	3,862,514	996,528,612	153.86	88.10	87.54	40,588
Last Year .....	.....	142,061,390	34.80	11.09	13.97	15,612

SCHEDULE Showing the duty of the Two Breast Wheels.

MONTH.	Revolutions. Wheel No. 1.	Revolutions. Wheel No. 2.	Total No. of Revolutions.	Number of Gallons Pumped.	Olive Oil in Gallons.	Tallow in lbs.	Coal Oil in Gallons.	Coal for Fuel in lbs.
1866.								
February .....	.....	59,620	59,620	8,823,760	2.04	1.4	5.41	15,250
March	10,130	8,733	18,863	2,791,724	0.13	.....	4.84	10,355
April	368,256	407,008	775,264	114,739,072	10.19	8.6	8.14	8,015
May	615,875	334,721	950,596	140,688,306	12.13	5.0	7.89	3,496
June	295,001	261,206	556,207	82,318,685	10.76	.....	7.22	528
July	410,979	375,395	786,374	116,383,352	15.84	4.0	6.43	.....
August	341,730	443,259	784,989	116,178,372	9.12	.....	7.62	.....
September .....	.....	.....	.....	.....	.....	.....	.....	.....
October .....	.....	.....	.....	.....	.....	.....	.....	.....
November .....	.....	.....	.....	.....	.....	.....	.....	3,778
December	262,274	352,662	614,936	91,010,528	16.14	.....	8.81	6,160
1867.								
January	242,940	357,641	600,581	88,885,988	14.49	4.0	8.29	7,376
Total	2,547,185	2,600,245	5,147,430	761,819,787	90.84	22.10	64.65	54,958
Last Year	4,898,195	4,273,664	9,171,859	1,407,880,353	113.33	267.06	120.20	99,366

The roof of the old Wheel-House which was leaking badly, has been covered anew with Canada Iron Plates, and painted to two coats of oxide of iron, and that of the new Wheel-House has also been painted to one coat, so that the whole of these roofs are now of the same color.

The interior of the old building with the Breast-Wheels and Machinery has also been painted afresh.

Five new dwellings for the men employed at the Wheel-House are expected to be erected early this spring.

The floor of the bridge over the Waste-Weir has been renewed by a 4-inch Tamarack planking.

The ground round the Wheel-House has been planted with trees. A flag-staff 75 feet high has also been erected at the N. W. end of the Wheel-House.

Every year your Committee has had to pay a good deal of money to the Machine Shops of the city for repairs to machinery, and often the works have had to suffer by delays and inconvenience caused by the isolation of the Wheel-House from these Machine Shops. I believe a great deal of these expenses could be avoided by having the work done by our own men at the Wheel-House. For this purpose I would recommend to erect over the Waste Weir at the South East end of the Wheel-House a work Shop, with planing, boring and turning machines, which could be worked by a small turbine wheel also to be erected for the purpose.

This new building would also afford the necessary protection to the Sluices of the Waste Weir against the frost in winter; at which time it is, as I have already stated, of a great importance to have them ready for action at a moment's notice. I hope your Committee will take this subject into consideration as soon as possible.

The expenditure incurred at the Wheel-House during the year is as follows:—

Repairs to Breast-Wheels.....	\$17,381.95
“ “ Turbine Wheel.....	2,780.12
“ “ Roof, Floors, &c.....	692.93
“ “ Machinery, &c.....	553.70
Paid Police for watching Works during the Fenian invasion.....	114.00
Fuel, Olive and Coal Oil, Cotton Waste, &c...	806.40
Staff Salaries.....	2,619.06
	<hr/>
	\$24,948.16

TAIL RACE.

Nothing but the ordinary repairs have been done on the Tail Race during the year, such as repairing banks, cleaning ditches and fixing fences. Last spring a small leak through the South West bank around the masonry of the discharge of the St. Pierre River was discovered in time and repaired without any great damage. The oak Cap of the dam which had been displaced by the ice, was altered and put in place.

The expenditure on the Tail Race during the year is as follows :—

Repairs to Fences, Dams and Banks.....	256.16
Keepers' Salary.....	243.00
	<hr/>
	\$499 16

RISING MAIN.

The 24-inch cast iron pipes contracted for by D. Y. Stewart & Co., of Glasgow, Great Britain, have all been received and deposited along the line of the pipe track ready to be laid next summer. These pipes might have been laid last summer, but the apprehension of the Asiatic cholera in this country, and also of the troubles caused by the attempted invasion of Canada by the Fenians, the consequence of which appeared to enhance greatly the value of labor, induced your Committee to postpone this part of the work. Now that a better state of things appears to show itself for next spring, I hope your Committee will not lose time in having the work commenced.

The whole of the lead to connect these pipes together has been bought at a very reduced price. The second line of the rising main, from the back of the McGill College to the Reservoir, has been laid last fall, and a Tunnel under the road in front of the Banks of Reservoir to give a better access to the rising main at that place, has also been commenced and partly finished.

This part of the work which required a good deal of care and attention so as to not cause damage to the property through which it had to be executed, was done by days work under the immediate control of your Committee.

The present stone drain, coming from the valve well of the Reservoir, has been connected to University Street main sewer by a 2-foot barrel brick drain, 230 feet long.

The fences along the line of the Rising Main from St. Joseph Street to Dorchester Street are in bad order in several places, and would require the constant attendance of a guardian to keep them in repair; and prevent the trespasses committed by the people frequenting the locality.

The state of the water course passing on the line of the Rising Main at Dorchester Street and entering the property of the late Hon. Quesnel, a little below that street, is still the same.

Some plan should be soon adopted to put this creek in such a condition so as to cause no damage.

The expenditure on the Rising Main is as follows :

D. Y. Stewart & Co., for Pipes.....	\$38,130.70
Victor Hudon, for Lead.....	2,646.42
Sundries	599.39
Mens' Wages.....	1,920.76
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	\$43,297.27

RESERVOIRS.

The McTavish Street Reservoir is in good working order. The roof and inside of the Valve House have been repaired and painted afresh, also the iron railing round the walls. The dry stone wall covering the front slope of the Reservoir has subsided in several places, but not to such an extent as to injure the work. It will be well, however, to have it repaired during the coming summer.

The extension of this Reservoir is progressing with little more activity than last year. A contract for the extraction of 10,000 toises of stones for the Road Department has been entered into with Mr. Bogue, in October last, and has to be finished by October next. Up to date 2,000 toises have already been taken out.

A question having been raised by Alderman David, as to the expediency of raising the walls of this reservoir ten feet higher, I was ordered by your Committee to report upon the project.

I have made the report which I have the honor to submit at the same time with my annual report.

The expense at McTavish Street Reservoir is as follows :—

Repairs to roof of Valve House.....	\$ 329.41
Repairs to Fences and planting Trees	26.55
Fuel.....	84.78
Sundries.....	29.15
Keepers' Salary.....	475.00
	<hr/>
	\$944.89

Extension of the Reservoir.....	11.015.41
	<hr/>
	\$11.960.30

Nothing has been done to the Coteau Baron Reservoir. The fences require a little repair and also the Keeper's house, which is in a bad condition.

This Reservoir is used from time to time to keep the City Mains full of water when it becomes necessary to shut the McTavish Street Reservoir off the City ; principally in winter when the supply is curtailed at night by the low water and the ice in the Aqueduct.

This Reservoir is now very useful and would be still more so if it was of a larger capacity. I have, in the report above mentioned, alluded to this subject.

The following is a Schedule shewing the level of Water, the Rain and Evaporation at the McTavish Street Reservoir, for 1866 :—

MONTH.	Average Monthly Depth.	RAIN GUAGE.				Evaporation in inches.
		Rain.	Snow.	Reduced to Rain.	Total Rain.	
		inches.	inches.	inches.	inches.	
February	11.67	0.27	8	0.78	1.05	1.35
March	5.52	0.80	9½	1.19	1.99	1.15
April	16.89	2.80	....	....	2.80	2.35
May	22.54	3.36	....	....	3.36	3.30
June	22.13	5.76	....	....	5.76	4.51
July	21.28	4.52	....	....	4.52	5.16
August	22.22	4.13	....	....	4.13	4.12
September	22.28	5.57	....	....	5.57	2.97
October	22.10	3.30	½	0.10	3.40	2.74
November	21.01	4.62	....	....	4.62	2.67
December	20.68	0.79	12½	0.81	1.60	1.61
1867.						
January	20.64	....	15½	1.36	1.36	2.65
Total .....	....	35.92	46½	4.24	40.16	34.58
In 1865 .....	....	19.84½	59½	8.36	28.20½	35.82

PIPE LAYING.

The total length of cast iron Main Distribution Pipes laid in the City during the year 1866 amounts to 3781 lineal feet, that is 300 feet of 6-inch pipe, 3481 feet of 4-inch pipe, 1 stop cock of 6-inch, 4 of 4-inch and one fire Hydrant. There has been also 252 Service Lead Pipes laid to new dwellings.

The total of cast iron pipes laid in the City up to date as shown by the following schedules is 18199 feet of 24-inch, 2650 of 16-inch, 14,384 of 12-inch, 34,070 of 10-inch, 7,460 of 8-inch, 128,672 of 6-inch, 244,064 of 4-inch cast iron pipes, with 3,185 lead main pipes, forming a total of 452,684 lineal feet of main pipes, or 85.75 miles nearly.

There are now laid 14 twenty-four inch, 3 sixteen inch, 21 twelve inch, 32 ten inch, 9 eight inch, 139 six inch, 371 four inch, and 32 two and a-half inch Stop Cocks, making a total of 622. There are 563 fire Hydrants including 31 private ones.

The total number of houses supplied with water is 12,353.

There is on hand as seen by inventory 1,882 feet of 6-inch pipes and 3,123 feet of 4-inch pipes which were imported from Glasgow, and which are ready to be laid wherever it will be found advantageous by your Committee.

None of the ten inch pipes recommended in my last report to be laid in St. James, St. Francois Xavier, St. Peter and St. Sacrament Streets have been yet ordered. Their amount is 4,025 lineal feet. This delay may be attributed to the same causes which have delayed the Rising Main.

I hope steps will be taken to procure these pipes during the course of next summer.

The expenditure on pipe laying has been as follows :

Cast Iron Works.....	\$ 7,979.74
Lead Pipes and Brass Works.....	4,388.40
Sundries.	463.03
Wages.....	3,354.81
	<hr/>
	\$16,185.98

SCHEDULE showing the Pipes, Hydrants, Stop-Cocks, Services, &c., laid down in the City of Montreal during the year 1866:—

NAMES OF STREETS.	LENGTH IN FEET OF CAST IRON PIPES.			NUMBER OF STOP COCKS.			Hydrants.	Brick Chambers.	Houses Supplied.	Length of Lead Pipe in feet.	Weight of Lead Pipe in lbs.	Brass Stop Cocks.
	6 in.	4 in.	Total.	6 in.	4 in.	Tot'l.						
EAST WARD.												
Jacques Cartier S.	1	.....	11	35	....
Champ de Mars..	2	55	174	2
St. Paul	1	22	69	1
Victor.....	195	195	.....	1	1	.....	1	.....	9	28	....
Total.....	195	195	.....	1	1	.....	2	3	97	306	3
CENTRE WARD.												
Craig.....	2	78	247	2
Hospital	1	13	41	1
Fortification	3	75	238	5
Notre Dame.....	3	114	362	5
St. Sulpice.....	1	26	82	1
St. Lambert.....	4	198	627	6
Commissioners	2	39½	124	3
Little St. James	1	16	51	1
Total.....	17	559½	1772	24
WEST WARD.												
Victoria Square..	6	19	....
St. Frs. Xavier	13	41	....
St. John	1	23	73	1
Notre Dame.....	4	323	1024	12
Great St. James..	2	75	238	2
Foundling.....	1	20	63	1
Fortification	2	43	136	2
Lemoine.....	2	34	108	1
Total.....	12	537	1702	19
ST. ANN'S WARD.												
Dalhousie	3	98½	312	4
Grey Nun.....	1	24	112	1
William	3	153	485	3
Forfar	3	121	384	3
Centre	2	146	463	2
St. Magdalen.....	1	40	127	1
Prince	2	60	190	2
Murray	1	18	57	1
Queen	2	60	190	2
Wellington	5	141	447	5
College	2	119	521	3
Richmond	320	320	.....	.....	.....	.....	.....	4	63½	201	5
Duke.....	1	25	79	1
Olier	1	26½	84	2
Total.....	320	320	.....	.....	.....	.....	.....	31	1095½	3652	35

SCHEDULE shewing the Pipes &c., laid down.—(Continued.)

NAMES OF STREETS.	LENGTH IN FEET OF CAST-IRON PIPES.			NUMBER OF STOP COCKS.			Hydrants.	Brick Chambers.	Houses Supplied.	Length of Lead Pipe in feet.	Weight of Lead Pipe in lbs.	Brass Stop Cocks.
	6 in.	4 in.	Total.	6 in.	4 in.	Total.						
ST. ANTOINE WARD												
Richmond Square	4	14	2
Craig.....	2	47	149	2
Inspector	1	30	95	1
Cemetery	1	53	168	1
Canning	1	37	117	1
Lagauchetiere	1	10	32	1
Scotland.....	5	183	579	5
Cathcart	2	53½	170	3
University	7	349½	1105	8
Victoria	210	210	.....	.....	.....	.....	.....	11	444	1406	11
Mansfield	2	182	577	3
Latour.....	1	30	95	2
St. Bonaventure	10	640	2225	18
Chatham	3	49	155	3
Chaboillez	2	54½	173	3
St. Monique.....	1	38½	122	2
Versailles.....	1	26	82	1
Sherbrooke	2	109	345	2
St. Antoine	3	93	295	3
Mountain	3	103	326	3
St. Joseph.....	22	69	1
Union Avenue.....	3	148	468	3
Seigneurs	1	43	136	1
Simpson	557	557	.....	1	1	.....	1	3	99	314	3
Dorchester.....	2	101	320	2
St. Catherine.....	1	61	193	1
St. Martin.....	1	32	101	1
Workman.....	45	45	.....	.....	.....	.....	.....	2	32	101	2
St. Margaret.....	39	39	.....	.....	.....	.....	.....	.....	22	70	2
Total.....	851	851	.....	1	1	.....	1	71	3096	10002	91
St. LAWRENCE WD.												
St. Catherine.....	4	205	649	5
Craig.....	1	32	101	1
St. Alexander.....	1	14	44	1
Anderson	211	211	.....	.....	.....	.....	.....	3	58	183	3
Balmoral	1	18	57	1
Hance.....	300	.....	300	1	.....	1	.....	1	2	34	108	2
St. Chs. Barromée	3	91	288	3
Lagauchetiere	1	25	117	1
St. Urbain.....	1	23	73	1
Devienne	1	18	57	1
St. Lawrence.....	5	189	598	6
Dorchester.....	1	36	114	1
Henry.....	6	252	797	7
Total.....	300	211	511	1	.....	1	.....	1	30	995	3186	33

SCHEDULE shewing the Pipes &c. laid down—(Continued.)

NAMES OF STREETS.	LENGTH IN FEET OF CAST-IRON PIPES.			NUMBER OF STOP COCKS.			Hydrants.	Brick Chambers.	Supplied. Houses.	Length of Lead Pipe in feet.	Weight of Lead Pipe in lbs.	Brass Stop Cocks.
	6 in.	4 in.	Total.	6 in.	4 in.	Total.						
ST. LEWIS WARD.												
Craig									2	56	177	2
St. Denis									2	214½	678	3
Cadieus									1	33	105	1
St. Dominique...									4	137	434	4
German									3	69½	220	4
Dorchester									1	58	242	1
Sanguinet		128	128						4	113	358	4
St. Elizabeth									2	42	133	2
Courvil									2	194	614	2
St. Lawrence									3	76	240	3
St. Constant									1	18	57	1
Fortier		404	404						2	25	79	2
Ontario									4	361	1143	6
Total		532	532						31	1397	4480	35
ST. JAMES WARD.												
St. André										29	92	....
Lagauchetiere									2	42	134	1
Amherst		459	459				1	1	5	130	412	5
Robin Lane									1	23	73	1
Visitation									3	187	329	3
Craig									2	48	155	2
Campeau									1	30	95	1
St. Denis									1	51	162	1
Dubord		332	332		1	1		1	2	72	229	2
Montcalm									5	93	294	5
Jacques Cartier St		344	344						6	170	539	6
Beaudry									4	144	456	4
Mignonne									2	104	329	2
Wolfe									1	15	48	1
St. Catherine									4	111	352	4
Berry									4	173	547	4
Total		1135	1135		1	1	1	2	43	1342	4246	42
ST. MARY'S WARD.												
Fullum									1	58	184	5
Visitation									1	32	92	1
Voltigeurs									1	10	32	1
Dorchester									1	34	108	1
Lane off Mignone									3	57	181	3
Papineau									1	24	76	1
Dufresne									5	156	486	5
Shaw									1	34	108	1
Total									14	405	1267	14
Grand Total.	300	3244	3544	1	3	4	1	6	252	9524	30613	296
Grand Trunk R.R.												
St. Bonaventure S		237	237		1	1		1				
Grand Total	300	3481	3781	1	4	5	1	7				

SCHEDULE shewing the Pipes, Hydrants, and Stop Cocks laid down, and the number of Houses supplied with water, in the City of Montreal, up to January, 1867.

NAMES OF WARDS.	LENGTH OF MAIN PIPES IN FEET.								Total Length of Main Pipes	NUMBER OF STOP COCKS.								HY-DRANTS.		BRICK CHAMBERS.	HOUSES SUPPLIED.	
	24 in.	16 inch	12 in.	10 in.	8 in.	6 inch	4 inch.	Lead		24 in	16 in	12 in	10 in	8 in	6 in.	4 in.	2½ in	Total No.	Private.			Public.
East.....				3270	470	5140	6855	380	16115				6		6	18	3	33	....	30	61	566
Centre.....				1272	....	4426	6382	850	12930				1		5	16	2	24	2	25	49	419
West.....		630	965	1158	600	4905	8614	430	17302		1	2	1	1	7	21	3	36	....	33	66	594
St. Ann's.....			6577	1712	620	30834	45457	160	85360			7	2	1	32	70	1	113	10	100	222	1942
St. Antoine.....	1060	2020	6818	2478	900	27015	64539	360	105190	2	1	10	4	3	29	88	11	148	....	108	245	2329
St. Lawrence.....				5562	3250	9343	26926	360	45441				3	3	12	46	5	69	....	56	119	1816
St. Lewis.....				7917	1620	8592	25921	280	44330				5	1	9	34	5	54	....	61	110	1732
St. James.....				4778	....	15511	33565½	150	54004½				4		16	41		62	....	56	117	1648
St. Mary's.....				5923	....	20508	19232½	215	45878½				6		20	29	2	57	4	63	122	1302
TOTAL.....	1060	2650	14360	34070	7460	126274	237492	3185	426551	2	2	19	32	9	136	363	32	596	16	532	1111	12350
Rising Main.....	17139		24				15		17178	12	1	2			1			16			16	3
Grand Trunk R.R., Pt. St. Charles.....						2383	2728		5111						2	3		5	10		15	
Montreal City Pass. R. Co., St Mary st..							1015		1015							1		1	1		2	
Military Government, at Hochelaga.....							2180		2180							1		1	1		2	
Grand Trunk R.R., St. Bonaventure Street							545		545							2		2	2		4	
Canadian Rubber Co., St. Mary Street....							104		104							1		1	1		2	
Total.....	18199	2650	14,384	34070	7460	128672	244064	3185	452684	14	3	21	32	9	139	371	32	622	31	532	1152	12353

REPAIRS.

The repairs to main pipes are shown in the Schedule below.

There has been 21 breaks and 22 leaks to Main Pipes, making in all 43 against 35 last year. These leaks, and especially the breaks, as may be seen, are greatly due to the excavations that were made in many of the streets by the contractors for the drains and sewers; when the drains will be laid generally all through the streets of the city, it is expected that the proportion of the breaks and leaks will be greatly lessened.

SCHEDULE shewing the Repairs done to Main Pipes, Hydrants & Stop Cocks, during the year 1866.

POSITION	DATE. 1866	DIAMETER.	BREAKS.	LEAKS.	HOW REPAIRED.	PROBABLE CAUSE OF INJURY.
Delisle	Feb'y 14	4 in.	1	..	Put in a new piece of pipe	Filling not properly packed.
Victoria	March 12	4 in.	1	..	Do	Do.
Lusignan	" 17	4 in.	1	..	Do	Do.
Craig and Papineau	" 20	6 in.	1	..	Recaulked the joint	Not well caulked.
Wellington and St. Etienne..	" 31	4 in.	1	..	Put on a sleeve	Broken across by settlement of earth.
St. Alexis	May 31	4 in.	1	..	Put in a new piece of pipe	A hole in the pipe.
St. Pierre, off Mignonne	June 2	4 in.	1	..	Recaulked the joint	Not well caulked.
William	"	6 in.	1	..	Put on a cap	By the settling of earth on tunnel work
Do.	July	4 in.	1	..		Do.
Bonaventure	"	4 in.	1	..	Put in a piece.	Split by defect in casting.
Desrivieres	"	4 in.	1	..	Do	Broken across on a stick of timber.
St. Felix	August	4 in.	1	..	Do	By driving a pile on it.
McCord	"	12 in.	1	..	Put in a new joint	Joint badly made.
William	"	6 in.	1	..	Put on a cap	A split in pipe.
McCord	Octbr 1	12 in.	2	..	Recaulked the joint	Joint badly made.
Rolland	" 7	4 in.	1	..	Do	Do.
Dorchester	" 16	10 in.	1	..	Do	Do.
Chatham	" 21	4 in.	1	..	Do	Do.
College	" 24	4 in.	1	..	Put on a cap	By the settling of earth of tunnel work
Bonaventure	" 31	4 in.	1	..	Put in a new joint	Joint badly made.
McCord	Novbr 5	12 in.	1	..	Recaulked the joint	Do.
Wellington	" 6	12 in.	2	..	Do	Do.
Carried over			13	12		

SCHEDULE shewing repairs done to Main Pipes &c.—(Continued.)

POSITION.	DATE. 1866	DIAMETER.	BREAKS.	LEAKS.	HOW REPAIRED.	PROBABLE CAUSE OF INJURY.
Brought forward.....			12	12		
Amherst and Mignonne.....	Novbr 14	6 in.	1	1	Put in a new piece of pipe	By the settling of earth on tunnel work
St. Andre and do	"	4 in.	1	1	Do	Do.
William.....	"	6 in.	2	2	Put on 3 caps	Do.
Chaboillez.....	17	4 in.	1	1	Put in a new piece of pipe	Do.
St. Andre and St. Catherine...	"	4 in.	1	1	Do	Do.
Wellington.....	28	12 in.	2	2	Recaulked the joint	Joint badly made.
McGill.....	"	6 in.	1	1	Do	Do.
St. Elizabeth.....	"	4 in.	1	1	Put in a piece of pipe	Broken by the excavation made near it.
St. Catherine (St. Lewis W.)..	"	6 in.	1	1	Recaulked the joint	Joint badly made.
Wellington.....	29	12 in.	1	1	Do	Do.
Do.	Dec. 12		2	2	Do	Do.
McGord.....	"	12	2	2	Do	Do.
William.....	"	12 6 in.	1	1	Put in a new piece of pipe	By the work of the tunnel.
St. Maurice.....	"	12 4 in.	1	1	Do	Do.
Craig (St. James W.).....	"	20 6 in.	1	1	Recaulked the joint	Joint badly made.
			21	22		

This winter the Plumbers have been called out 258 times; 246 times for Pipes found frozen by the neglect of the tenants.

A good deal of these expenses could be saved to the Corporation, if the law and bye-laws, regulating the introduction of the water were so amended, as to relieve the Corporation of the obligation of introducing into the houses, and consequently of keeping in repair the service pipes, beyond the line of the streets. It is mostly through the walls of houses and yard lanes, that all the repairs to service pipes takes place, and most of the loss of time is occasioned by the neglect of the landlords or tenants to protect their cellar against the frost, which can burst the best made and strongest Pipe.

It is rather unjust to that portion of those citizens, that take extra pains and care to keep their water pipes from freezing, that they should be made to pay their shares of these expenses.

The cost of repairs to Main Pipes and Service, is as follows :—

MAINS.

Materials,	\$ 40.42	
Wages,	1,330.25	
	<hr/>	\$1,370.67

SERVICE PIPES.

Materials	\$ 369.42	
Wages in Summer	422.36	
Wages in Winter	828.02	
Wages in repairing Footpaths	369.42	
	<hr/>	\$ 1,619.80
		<hr/>
		\$ 2,990.47

HYDRANTS.

The expenses of keeping the Fire Hydrants in repair, and ready for Fire purposes, are as follows :—

Sundries	\$ 164.84	
Wages	1,092.44	
	<hr/>	\$ 1,257.30

It is seen by the Schedule below that 127 Hydrants were found frozen 276 times, against 102 Hydrants found frozen 211 times the year previous.

The principal cause of increase of number of times is due to the fact, that having been obliged, during last winter, to curtail so much the water supply of the City, that the main pipes were left empty at night and during part of the day during the months of February, March and April, which had the effect of freezing the Hydrants in a greater number.

SCHEDULE shewing the Hydrants found frozen, during the Winter 1865 and 1866.

By the Rise of Water.		For want of Sewerage.		By Leaks.		By other Causes.		TOTAL.	
No. of Hydrants.	No. of Times.	No. of Hydrants.	No. of Times.	No. of Hydrants.	No. of Times.	No. of Hydrants.	No. of Times.	No. of Hydrants.	No. of Times.
..	..	10	1	4	1	40	1	54	1
..	..	12	2	2	2	10	2	24	2
..	..	2	3	1	3	9	3	12	3
..	..	3	4	1	4	5	4	9	4
1	5	..	..	..	..	2	5	3	5
..	..	1	6	..	..	4	6	5	6
..	..	1	7	..	..	..	..	1	7
..	..	1	8	..	..	..	..	1	8
..	2	9	2	9
..	..	1	10	..	..	..	..	1	10
..	..	2	11	..	..	3	11	5	11
..	..	1	12	..	..	..	..	1	12
..	1	14	1	14
..	1	15	1	15
..	1	16	1	16
..	2	17	2	17
..	..	1	18	..	..	..	..	1	18
..	1	22	1	22
..	..	1	25	..	..	..	..	1	25
..	1	29	1	29
1	5	36	107	8	10	82	154	127	276

During 1864 and 1865.

46	89	29	56	3	7	24	59	102	211
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PUBLIC FOUNTAINS.

The Public Fountains are all in the same state of repair they were last year. Every Spring it is necessary to cement the basins, so as to repair the damage done by the frost. The brass jets on the fountain of the Victoria Square are all worn out; new ones should be got. These have to be imported either from the United States or Europe, as none are manufactured in this country; in the mean time jets for the other fountains might also be got.

The drinking taps which up to this date, are mostly made in wood, should be renewed by more durable ones.

Every year one or two of them might be replaced by ornamental ones in marble, or other durable material. I hope your Committee will soon have the means to give more attention to this subject, and will imitate what is done in all large cities, to join the ornamental to the useful.

The expenses incurred on those fountains during the year are as follows :—

Materials	\$ 32 65
Wages	44 39
	<hr/>
	\$ 77 04

WATER SUPPLY.

The water supply which for several years, especially during last winter, had to be curtailed during the cold weather, has scarcely yet been affected this season, and there is every reason to believe that no difficulty of importance will be encountered this winter. This is principally due to the state of the water level of the St. Lawrence, which is two feet higher than last year, at the point where the Aqueduct takes its supply. The improvement made to the pumps of the Turbine Wheel, as already mentioned, and the skill and vigilance of the new men employed at the Wheel House, have also con-

tributed a good deal to keep up the water supply. This state of things, however, which is due more to change than to management, is in my opinion, far from being satisfactory, and cannot be allowed much longer without exposing the City to large fires, and inconveniencing greatly the citizens. Therefore, no time should be lost to secure a more abundant supply of water. Last year, in a Special Report on the subject, I had the honor to recommend to your Committee, the erection of Steam Engines, as a temporary remedy to these difficulties, and one that could be applied in a few months.

These Engines should have been erected during the course of last summer, but obstacles, caused by financial matters, and which were not in the power of your Committee to remove in time (they having to obtain the authorization of the Provincial Legislature for power to borrow money), forced your Committee to delay the work until next season. Pending these negotiations, and with the view of finding a better and more permanent plan to increase the water supply, I was instructed by your Committee, to get the survey of the North Shore of the River Saint Lawrence, from the Victoria Bridge, up to the mouth of the Lachine Canal, and as far back as the Montreal Aqueduct, taking all the levels and soundings at different points of the Lachine Rapids, and principally opposite *l'Isle au Héron*, where a new Company under the name of *St. Louis Hydraulic Co.*, intends to connect this Island to the North Shore, by means of an embankment, in order to develop the immense water powers the River affords at that place. Hoping to find at that point, a more advantageous position for the Wheels and Pumps of the Montreal Water Works, I have had the water levels taken every day at the following places: 1st, at Mr. Crawford's Farm, near where the proposed Dam is to be placed; 2nd, at Knox's Old Mills, above the old Dam; 3rd, at the entrance of the Aqueduct.

The following table shows these levels up to date:—

The datum for these being the low water mark in the Harbor of Montreal, *i. e.* 17 feet above the top of Mitre Sill of the Guard Lock of the Lachine Canal.

Schedule of the Water Level of the River St. Lawrence at the Lachine Rapids, taken every day from the beginning of January 1867.

DATE.		At En- trance of Aque- duct.	At Knox's Old Mill.	At Craw- ford's Farm.	Difference of Water Level between Knox's Old Mill and Crawford's Farm.	Difference of Water be- tween En- trance of Aqueduct and Knox's Old Mill.	Total Difference
1866.							
November	6	.....	32.39	10.86	21.53		
1867.							
January	1	37.50	33.39	13.02	20.37	4.11	24.48
"	2	37.65	33.44	13.87	19.57	4.21	23.78
"	3	37.80	33.64	14.47	19.17	4.16	23.33
"	4	38.45	33.69	15.27	18.42	4.76	23.18
"	5	38.55	33.84	16.02	17.82	4.71	22.53
"	6	38.20	33.94	16.47	17.47	4.26	21.73
"	7	38.00	33.94	17.67	16.27	4.06	20.33
"	8	37.55	33.44	18.77	14.67	4.11	18.78
"	9	37.15	33.29	21.97	11.32	3.86	16.18
"	10	36.25	33.19	22.27	10.92	3.06	13.98
"	11	36.60	33.49	23.07	10.42	3.11	13.53
"	12	37.90	33.74	24.17	9.57	4.16	13.73
"	13	37.60	33.64	24.17	9.47	3.96	13.43
"	14	37.45	34.04	.....	.....	3.41	
"	15	38.10	34.64	.....	.....	3.46	
"	16	38.05	34.74	30.64	4.10	3.31	7.41
"	17	38.60	35.54	30.39	5.15	3.26	8.41
"	18	39.00	36.14	30.09	6.05	2.86	8.91
"	19	39.20	36.64	29.74	6.90	2.56	9.46
"	20	39.00	36.14	29.69	6.45	3.86	10.31
"	21	39.20	36.44	29.04	7.40	2.76	10.16
"	22	39.10	36.24	29.47	6.77	2.86	9.63
"	23	38.90	35.94	29.37	6.57	2.96	9.53
"	24	38.95	36.14	29.17	6.97	2.81	9.78
"	25	38.85	35.39	28.17	7.22	3.46	10.68
"	26	39.40	36.14	28.37	7.77	3.26	11.03
"	27	39.40	36.04	28.17	7.87	3.36	11.23
"	28	39.15	35.84	28.37	7.47	3.31	10.78
"	29	38.90	35.44	28.17	7.27	3.46	10.73
"	30	38.80	35.34	27.97	7.37	3.46	10.83
"	31	38.60	35.24	28.15	7.09	3.36	10.45

Schedule of the Water Level of the River St. Lawrence, &c.

(Continued.)

DATE.		At En- trance of Aque- duct.	At Knox's Old Mill.	At Craw- ford's Farm.	Difference of Water Level between Knox's Old Mill and Crawford's Farm.	Difference of Water be- tween En- trance of Aqueduct and Knox's Old Mill.	Total Difference
1867.							
February	1	39.00	35.54	28.75	6.79	3.46	10.25
"	2	38.95	35.44	28.97	6.47	3.61	9.98
"	3	38.75	35.34	28.77	6.57	3.41	9.98
"	4	38.70	35.44	28.87	6.57	3.26	9.83
"	5	38.50	35.39	28.67	6.72	3.11	9.83
"	6	38.30	35.14	28.77	6.37	3.16	9.53
"	7	38.40	35.34	28.67	6.67	3.06	9.73
"	8	38.65	35.24	27.67	7.57	3.41	10.98
"	9	38.50	34.64	25.83	8.81	3.86	12.67
"	10	38.40	34.74	26.13	8.61	3.66	12.27
"	11	37.65	33.84	26.73	7.11	3.81	10.92
"	12	37.95	34.14	26.83	7.31	3.81	11.12
"	13	38.40	34.64	26.93	7.71	3.76	11.47
"	14	38.30	34.34	25.83	8.51	3.96	12.47
"	15	38.25	34.04	24.63	9.41	4.21	13.62
"	16	38.40	34.44	24.73	9.71	3.96	13.67
"	17	38.60	34.49	25.83	8.66	4.11	12.77
"	18	38.40	34.44	25.73	8.71	3.96	12.67
"	19	38.45	34.54	26.23	8.31	3.91	12.22
"	20	38.35	34.24	25.53	8.71	4.11	12.82
"	21	38.25	34.24	23.33	10.91	4.01	14.92
"	22	38.30	34.44	25.73	8.71	3.86	12.57
"	23	38.15	34.29	25.53	8.76	3.86	12.62
"	24	38.40	34.54	26.43	8.11	3.86	11.97
"	25	38.20	34.14	26.03	8.11	4.06	12.17
"	26	38.15	34.09	25.93	8.16	4.06	12.22
"	27	38.20	34.14	25.83	8.31	4.06	12.37
"	28	38.15	34.04	25.43	8.61	4.11	12.72

Schedule of the Water Level of the River St. Lawrence, &c.
(Continued.)

DATE.		At En- trance of Aque- duct.	At Knox's Old Mill.	At Craw- ford's Farm.	Difference of Water Level between Knox's Old Mill and Crawford's Farm.	Difference of Water be- tween En- trance of Aqueduct and Knox's Old Mill.	Total Difference
1867.							
March	1	38.15	34.09	25.03	9.06	4.06	13.12
"	2	38.40	34.34	26.23	8.11	4.06	12.17
"	3	38.00	34.19	26.63	7.56	4.81	12.37
"	4	38.20	34.29	26.48	7.81	3.91	11.72
"	5	38.15	34.34	26.53	7.81	3.81	11.62
"	6	38.10	34.04	25.73	8.31	4.06	12.37
"	7	38.05	34.04	25.33	8.71	4.01	12.72
"	8	37.90	33.94	25.53	8.41	3.96	12.37
"	9	38.00	34.04	25.23	8.81	3.96	12.77
"	10	38.15	34.09	25.63	8.46	4.06	12.52
"	11	38.10	33.94	25.73	8.21	4.16	12.37
"	12	38.00	33.84	24.93	8.91	4.16	13.07
"	13	38.10	33.84	24.83	9.01	4.26	13.26
"	14	37.90	33.94	26.83	7.11	3.96	11.07
"	15	37.70	33.74	26.43	7.31	3.96	11.27
"	16	37.80	33.84	25.93	7.91	3.96	11.87
"	17	38.00	33.94	25.23	8.71	4.06	12.77
"	18	38.00	33.94	25.53	8.41	4.06	12.47
"	19	37.70	33.64	25.33	8.31	4.06	12.37
"	20	37.60	33.54	24.43	9.11	4.14	13.25
"	21	37.90	33.94	23.83	10.11	3.96	14.07

By this table it is easily seen that the back water, this winter, has been such as to effect considerably the working of any Wheel and machinery placed at such a level so as to take advantage of the average fall of the summer level of the river. During the summer, in the month of November, the difference of level between Knox's Old Mill and Crawford's Farm was 21.53 feet, and during the month of January and February of this year the levels between these two last mentioned points have varied from 20.37 feet to 4.10 feet—the least fall was on the 16th day of January. This compared with the summer levels indicates a great variation in the fall of the river between the same points.

Survey of the river above the entrance of the Aque-

duct has also been made, and levels and soundings have been taken to ascertain the practicability of extending the entrance of the Aqueduct higher up, so as to give it an additional head of water of two to three feet, by building along the shore a line of crib work similar to that of the Lachine Canal. The levels taken show, that to get two feet of additional head, it would be necessary to extend up stream this line of crib work a distance of 7,500 feet, and for three feet additional head a distance of 10,400 feet, that is opposite the old Parish Church of Lachine.

The soundings indicate that this crib work would have to be erected in an average depth of water of 25 feet, rendering the cost of such construction very high, say \$40 per lineal foot.

Not satisfied with these results, I have ordered a survey to be made, and levels to be taken for another entrance to the Aqueduct a little higher up than the present one, in a place which, by soundings and by the observations of several winters, is shewn to be the most suitable part of the river, and to tap the present Aqueduct at a sufficient distance from its mouth, so as to be below the obstructions caused by the anchor ice, which is observed every year to embarrass more or less the upper part of the Aqueduct. This survey and levels showed that the project is practicable, and by doing the work soon, the proposed steam engine might be dispensed with. This cut should be made of such dimensions, as regard the width and the depth, as to prevent as far as possible, the inconvenience caused in winter by the ice, and should also form the beginning of the enlargement of the present Aqueduct; which, before ten years elapse, will have to be enlarged, unless some other mode of supplying the City with water be adopted. I am of opinion that this plan should be adopted as one that would be in accordance with the present works and that would bring sooner to the City the reward for the great sacrifices made by its

citizens to procure the present water supply. I would not however advise this project without first consulting other Hydraulic Engineers. I will here give the principal dimensions and description of the work as I propose to have done.

The bottom of this new canal to be 62 feet wide at its entrance, and at the level of 25 feet, according to the datum of low water mark in the harbour: that is 2 feet lower than the bottom of the present Aqueduct; to have the same fall that is $2\frac{1}{2}$ inches per mile, with slopes of 3 to 1 up to the level of 35 feet; then $1\frac{1}{4}$ to 1 up to the level of 40 feet. This last slope which is about the line of the water level, to be lined with dry stone walling. From level 40 to 44 or 50 feet, as the top surface of the ground will admit, the slopes to be $1\frac{1}{2}$ to 1; with a berm of 12 feet wide and side ditches. Slopes of spoil banks generally 2 to 1 at the front, and $1\frac{1}{2}$ to 1 at the back. At the entrance an iron Girder Bridge built on stone Piers not less than 50 feet of span in the clear. These Piers to form on the up stream part, a smooth face to receive floating iron Gates, such as used on some dry docks in England. The mouth of this new entrance to be protected by crib work with recesses into them to receive the Gates when not in use.

This work, forming part of the enlargement of the present Aqueduct, will entail a good deal of expense and should be undertaken only with the view to continue this canal down to the Wheel House when circumstances may require it. Otherwise I think it will be better to resort to the Steam Engines, as already spoken of and wait for a later decision as to the best mode of improving the Aqueduct in a more permanent manner. I have prepared Plans and Estimates of both these projects. I have during this summer availed myself of the assistance of H. McFarlane, C. E.

The expenses incurred on these surveys are as follows:—Salaries of Engineer and Chainmen,...\$341 95

The consumption of water during the year has been on an average of 4,781,029 galls. per day, or 47.81 galls. per head of the present population supplied with water from the Aqueduct, and which I estimate at about 100,000 inhabitants.

The following table shows the average daily consumption for each month of the year 1866 compared with the year 1865. This table includes also 13,763,500 galls. for watering the streets, 694,000 galls. for flooding rinks. I have been anxious for many years to get as near as possible to the amount of gallons of water used for the extinction of fires. I hope this next year to be able to get this information through the kindness of A. Bertram, Chief Engineer of the Fire Department, who has already adopted certain precautions so as to gauge the water.

SCHEDULE shewing the Average Daily Consumption of Water, in Imperial Gallons, for the Year 1866, compared with that of 1865.

MONTH.	Average 1866.	Average 1865.	Increase.	Decrease.	Total Consumption for 1866.
February	2,219,809	2,985,838	.....	766,029	62,154,682
March	2,562,627	3,760,457	.....	1,197,830	79,441,460
April	4,538,395	4,493,937	44,458	.....	136,151,859
May	4,538,332	3,187,978	1,350,354	.....	140,688,306
June	4,708,153	4,928,084	.....	219,931	141,244,595
July	5,690,600	4,754,354	936,246	.....	176,408,600
August	5,639,903	5,403,834	236,069	.....	174,836,994
September	5,478,200	4,974,663	503,537	.....	164,346,000
October	5,460,095	4,531,097	928,998	.....	169,262,964
November	5,625,380	3,449,815	2,175,565	.....	168,761,412
December	5,624,358	4,332,526	1,291,832	.....	174,355,110
1867.					
January	5,286,506	4,060,503	1,226,003	.....	163,881,686
Total	57,372,358	50,863,086	8,693,062	2,183,790	1,751,533,668
Daily Average 1866.	4,781,029		Monthly Av., 1866		145,961,139
“ 1865.	4,238,590		“ “ 1865		129,162,645
Increase	542,439				16,798,494

The above table indicates that the consumption of water is increasing every year as the population increases. The average daily increase has been of 542,439 gallons, or 16,798,000 gallons during the whole year.

This table gives the comparative increase of the water consumption since 1858.

COMPARATIVE SCHEDULE, shewing the daily Consumption for each month, from 1858 to 1866, in the City of Montreal.

DAILY AVERAGE.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.
January	2,295,000	3,209,000	3,035,000	3,590,300	4,334,265	3,676,755	4,343,153	4,426,068	4,000,503
February	2,295,000	3,295,000	3,283,000	2,904,760	3,815,390	3,231,875	3,523,169	2,985,838	2,219,809
March	2,295,000	3,225,000	3,238,000	2,695,220	2,279,100	3,087,880	3,332,475	3,760,457	2,562,627
April	2,752,000	3,092,000	3,064,000	2,828,870	3,389,637	3,977,615	4,003,223	4,493,937	4,538,395
May	2,780,000	3,221,000	3,032,000	3,149,628	3,715,171	4,307,049	3,855,934	3,187,978	4,538,332
June	3,000,000	3,938,000	3,251,000	3,020,164	3,786,468	4,479,469	4,025,742	4,928,084	4,708,153
July	2,942,000	3,410,000	3,463,000	3,204,260	3,949,056	4,154,671	4,381,352	4,754,354	5,690,600
August	2,768,000	3,621,000	3,835,000	3,094,612	3,947,433	4,504,426	4,602,058	5,403,834	5,639,903
September	3,026,000	3,065,090	3,417,000	3,611,212	3,738,938	4,526,220	4,239,849	4,974,663	5,478,200
October	2,819,000	3,200,000	3,661,000	3,270,000	3,831,535	4,055,170	4,323,540	4,531,097	5,460,095
November	2,805,000	3,047,000	2,889,000	3,130,980	3,621,323	3,529,333	3,728,530	3,449,815	5,625,380
December	2,900,000	3,117,000	3,250,000	2,254,750	3,748,800	3,624,489	4,213,023	4,332,526	5,624,358
	32,678,000	39,140,000	39,428,000	37,844,756	44,157,116	47,154,952	48,572,049	51,228,651	56,146,355
Daily average for the whole Year	2,723,166	3,261,666	3,285,666	3,153,729	3,679,759	3,929,579	4,047,670	4,269,054	4,678,863
Increase		538,500	24,000	.....	526,030	249,820	118,091	221,384	409,809
Decrease	131,937

Improvements	\$ 90,847 76
Administration	31,548 54
	<hr/>
	\$ 122,396 30

\$	cts.	\$	cts.
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3,291.60

Amounts carried forward.....	569.43	3,291.60
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	\$	c.	\$	c.
Amounts brought forward.....	569.43		3,291.60	
Leather Hose	123.50			
Amount expended for Fuel, Oil, Tallow, &c.....	806.40			
Staff's Salaries.....	2,619.06			
Amount expended to repair Machinery, &c.....	553.70			
Expenses incurred during the Fenian invasion:				
Paid the Police for watching the Works.	114.00			
			4,786.09	
TAIL RACE.				
Amount expended for repairing Fences, Dam and Banks:—				
Materials	146.55			
Laborers' Wages.....	109.61			
		256.16		
Keeper's Salary		243.00		
			499.16	
PIPE TRACK.				
Amount expended for repairing Fences, cleaning valves and filling up holes:				
Men's Wages			76.60	
RESERVOIR.				
Amount expended in repairing roof of Valve House.....	329.41			
Trees Planted.....	12.50			
Repairs to Fences:—				
Laborers' Wages.....	16.05			
Fuel	84.78			
Sundries	27.15			
Keeper's Salary	475.00			
			944.89	
FIRE HYDRANTS.				
Amount expended for packing:—				
Materials.....	37.86			
Wages	69.93			
		107.79		
Winter Inspection:—				
Wages	577.11			
Summer Inspection:—				
Wages	122.20			
		699.31		
Amounts carried forward.....	807.10		9,598.34	

	\$	c.	\$	c.
Amounts brought forward.....	807.10		9,598.34	
Repairs :—				
Materials.....	127.00			
Wages	323.20			
	<u>450.20</u>			
			1,257.30	

DISTRIBUTION PIPES.

Amount expended to repair Main Pipes,
Valves, and Streets :—

Materials.....	40.42			
Laborers' Wages	1,330.25			
	<u>1,370.67</u>			
Amount expended to repair Service Pipes :				
Wages in Winter.....	828.02			
Wages in Summer.....	422.36			
	<u>1,250.38</u>			
Footpaths' repairs.....	369.42			
	<u>2,990.47</u>			

PUBLIC FOUNTAINS.

Amount expended for repairs :

Materials.....	32.65			
Wages	44.39			
	<u>77.04</u>			

Watching at Valves and Reservoirs, and
Distributing Water by puncheons—

Sundries	141.10			
Wages for last Winter.....	4,284.05			
Wages for this Winter.....	207.33			
	<u>4,491.38</u>			
			4,632.48	

SHOP DEPARTMENT.

Amount expended for—

Materials.....	186.70			
Wages	2,396.24			
	<u>2,582.94</u>			

OFFICE.

Officers Salaries.....	5,291.56			
Salaries of Bailiffs and Recors in the Accountant's Department.....	1,153.01			
Turn-cocks, Policemen, &c., in the Super- intendent's Office.....	1,357.15			
	<u>2,510.16</u>			

Amounts carried forward..... 7,801.72 21,138.57

		\$	c.	\$	c.
Amounts brought forward.....		7,801.72		21,138.57	
Stationery and Printing for Accountant's Department	530.68				
Stationery and Printing for Superin- tendent's Department	545.49				
Sundries	206.43				
			1,282.60		
				9,084.32	

SUNDRIES.

Amount expended for—

Rent	500.00		
Carriage Hire.....	572.42		
Assessments and School Taxes.....	172.08		
Insurances	81.15		
		1,325.65	
TOTAL..		\$31,548.54	

STATEMENT of the Amount expended out of the SPECIAL LOANS.

PIPE LAYING.

Amount expended for Cast-Iron Pipes

and different Castings.....	\$7,979.74		
Lead Pipes and Brass Works.....	4,388.40		
Sundries.....	463.03		
Wages	3,354.81		
		16,185.98	

PERMANENT REPAIRS AT
WHEEL HOUSE.

BREAST WHEELS :—

Amount expended for two Crank Shafts.	\$3,950.93		
“ “ repairing the Air Vessels	7,142.82		
General repairs to Machinery.....	6,288.20		
		17,381.95	

TURBINE WHEEL :—

Amount expended for altering Valves, &c., and for one Air Pump.....	2,625.20		
		20,007.15	
Amount carried forward.....		36,193.13	

		\$	c.
Amount brought forward.....		36,193.13	
DOUBLE RISING MAIN.			
Paid D. Y. Stewart & Co., for 24 Pipes..	\$38,130.70		
" Victor Hudon, for Lead.....	2,646.42		
" Sundries	599.39		
" Men's Wages.....	1,920.76		
		43,297.27	
EXTENSION OF RESERVOIR.			
Amount paid for excavating.....		11,015.41	
ENLARGEMENT OF AQUEDUCT.			
Amount expended for Survey.....		341.95	
		<u>\$90,847.76</u>	

INVENTORY of STOCK and TOOLS on hand January, 1867.

CAST IRON on Pipe Track, College Garden, and Yard in German Street.

	24 in	16 in	12 in	10 in	8 in	6 in	4 in.	3 in.
Cast Iron Pipe in feet.....	9216	60	176	220	72	1882	3123	.....
Four Way Branches.....			6		5	13	13	.....
Three " ".....			7	7	1	8	27	.....
Sleeves.....	3	2	10	4		22	26	.....
Taper Pipes.....		1	2		8	4	8	.....
Elbows.....							2	.....
Double Bend.....							1	.....
Forks.....	1							.....
Caps.....		4	1	3	2	7	23	.....
Plugs.....		4	16		11	14	9	1
Stop Cocks.....	2	1	4	1	1	30	16	.....

1 Old Hydrant	16 Hydrant Covers.
4 do (Water Taps.)	4 " Frames.
4 Hydrant Posts.	14 " Main Holes.
4 do Seats.	13 Stop Cock Covers.
20 Pieces for Raising Hydrants.	250 Service Plates.

SUNDRIES IN YARD IN GERMAN STREET.

260 Service Boxes.	1 Valve Stone.
10 Cedar Posts for Hydrants.	14 do unfinished.
11 do. do. unfinished.	13 Hydrant Stones.
62 Double Service Stones.	97 Hydrant Frame Covers.
16 Single do.	

WORK SHOPS NOTRE DAME STREET.
BRASS WORKS.

	DIAMETER.	1½ in.	1¼ in.	1 in.	¾ in.
New Stop Cocks with Couplings.....				72	29
Old do.		15	5	98	6
New Elbows with Couplings.....				15	182
Old do.		16		81	5
Single Joints.....				15	660
Three Way Branches.....				44	95
American Nozles.....					55
Hydrant Sludge Cocks.....					13
Bed Cocks.....			15	12	10

- 2 Ball Cocks.
2 Hydrant Stop Cocks.
1 Set Jet d'eau Fixings.
18 Valve Spindles covered with Brass.

LEAD PIPE AND OTHER LEAD.

49 Bundles of ⅝ inch Lead Pipe,	534 Bars of Pig Lead.
5 " 1 " "	200 lbs. Scrap Lead.
½ " 1½ " "	45 " Block Tin.
¼ " ½ " "	5 " Solder.

TOOLS AND UTENSILS AT SHOPS, NOTRE DAME STREET.

40 Picks.	1 Skimmer.
43 Shovels.	5 Pipe Layer Pots.
13 Crow Bars.	2 Adzes.
5 Sledges.	10 Rammers.
5 Hand Hammers.	2 Joint Machines.
12 Small " for break-	1 Set Augers for Plates "brass."
ing stones.	5 Augers "assorted."
4 Hand Saws.	1 Set Augers for Plates "iron."
1 Circular Saw.	2 Hoisting Gins.
2 Wood Saws.	3 Sets of Blocks.
3 Hand Axes.	1 Set Patent Block and Tackle
3 Framing Chisels.	Chain.
3 Chisels "Assorted."	1 Tripod.
10 Cast Steel Drills.	1 Set of Rope.
2 Drill Frames.	1 Wrapping Chain.
3 Old Drill Frames.	1 Piece Cable "
7 Ratchet Braces.	2 Grind Stones.
3 Hand "	2 Iron Pumps.
3 Screw Wrenches.	2 Square Wooden Pumps.
8 Iron "	1 Old Fire Engine Pump.
2 Boxes Pipe Layers Tools.	1 Force Pump.
2 Ladles.	1 Spirit Level.

TOOLS AND UTENSILS—(Continued).

- 3 Hand Bells.
- 41 Valve Keys "assorted."
- 7 Hydrant Keys.
- 1 Steam Boiler.
- 1 Double Sleigh.
- 2 Small Sleighs.
- 1 Platform Scale.
- 1 Balance " " "old."
- 1 " " "new Four-bain."
- 1 Vice.
- 1 Turning Lathe.
- 2 Hand Barrows.
- 4 Wheel " "
- 42 Wooden Shovels.
- 8 Cribs.
- 36 Pick Handles.
- 18 Hand Spikes.
- 42 Birch Brooms.
- 1 Wooden Beetle.
- 126 Buckets.
- 1 Clock.
- 120 Feet Rubber Hose.
- 75 Colored Lamps.
- 16 Coal Oil " "
- 4 Round Globe Lamps.
- 3 Oil Cans, assorted.
- 2 Steam Guages.
- 2 Pairs Long Boots,
- 2 Square Stoves.
- 1 " " small.
- 1 Boiler for Stove, damaged.
- 2 Sets Rope Gaskets.
- 1 " Rubber " "
- 1 Hydraulic Press.

BLACKSMITH'S TOOLS.

- 1 Anvil.
- 1 Beck Horn.
- 2 Vices.
- 3 Drill Frames.
- 36 Pair Tongs.
- 31 Heading Tools.
- 17 Swedges.
- 63 Mandrills and Punches.
- 1 Bellows.
- 1 Portable Forge.
- 2 Braces.
- 1 Box Small Tools.
- 1 Finishing Block and Plate.
- 1 Grind Stone.
- 1 Copper Stamp.
- 2 Hand Hammers.
- 1 Sledge.

- 3 Cold Chisels.
- 1 Boring Machine.
- 1 Set of Alphabet Stamps.
- 4 Sets Hammers.
- 11 Pairs Dies.
- 29 Taps.
- 4 Screw Plates.

WATER METRES.

- 2 2½-inch Kennedy's.
- 2 ½ " do (damaged.)
- 1 ½ " do. do.
- 2 1 " Worthington's do.
- 1 ½ " do.
- 1 ½ " Aubin's.

PATTERNS.

- 1 Set of Patterns & Core Boxes.
- for 1" Stop Cocks.
- 1 do. do. for 1" Nozles.
- 1 do. do. for ½" do.
- 1 do. do. for ¾" Stop Cocks.
- 1 do. do. for 1" Three ways
- 1 do. do. for ¾" do.
- 1 do. do. for 1' Single j'nts
- 1 do. do. for ¾" do.

SUNDRIES.

- 150 lbs. Iron Bars.
- 90 " " Strap.
- 200 " Cut Nails 3 & 4-inch.
- 5 " Nuts.
- 100 " Scrap Iron.
- 2 Tons of Old 6-inch Pipes.
- 1 " " 4 " "
- 100 lbs. " Brass.
- 50 " Zinc.
- 20 Rings for Boxes.
- 100 " Hydrant Frames.
- 22 American " Handles.
- 65 lbs. Jute Packing.
- 10 " Rubber Packing.
- 1 Piece " Cloth for Blasting.
- 18 Bags for Powder for Blasting
- 1 Office Lamp.
- 36 Gallons Coal Oil.
- ½ Gallon Olive " "
- 1 Thermometer.
- 25 Lengths of Stove Pipes.
- 3 Elbows.
- 4 Chaldren Smith Coals.
- 3 Short Boxes.
- 14 3" Planks.

TOOLS AND UTENSILS—(Continued).

WHEEL HOUSE TOOLS.

- 33 Wrenches of different sizes.
- 1 Shifting Wrench.
- 2 Small Box Wrenches.
- 5 Tap " "
- 9 Crank Handles.
- 5 $1\frac{1}{2}$ & $2\frac{1}{2}$ Augers.
- 1 Gimlet.
- 2 Pairs Carpenter's Compasses
- 2 " Collopers.
- 1 Carpenter Set Stone.
- 1 Grind Stone.
- 1 Bench Vice.
- 1 Hand " "
- 1 Bench.
- 1 Adze.
- 1 Axe.
- 1 Broad Axe.
- 1 Hand Saw.
- 1 Small Saw for Iron.
- 1 Cross Cut Saw.
- 3 Planes.
- 3 Wood Chisels.
- 42 Ice " "
- 12 Cold " "
- 1 $1\frac{1}{2}$ " Wood Chisel.
- 1 Spirit Level.
- 2 10 & 7 feet Measuring Rods.
- 1 Carpenter Brace and 2 Bitts.
- 2 Screw Plate, Stocks and Dies with 18 Taps.
- 1 Small Screw Plate.
- 1 "Bear" Punching Machine.
- 1 Swan Neck " " with 4 Punches.
- 1 Drilling Frame with Crank, Brace and Strand.
- 2 Small Steel Drifts.
- 1 Pair Pinchers.
- 8 Pairs Blacksmith Tongs.
- 7 Steel Drivers.
- 3 Setters.
- 4 Shavocks.
- 21 Ice Hooks.
- 3 Eye Bolts and Nuts
- 2 " for breaking Stone
- 1 14 lbs. 1 8 lbs. and 1 6 lbs. Sledge.
- 3 Rivetting Hammers.
- 1 Box containing Pipe Layer Tools &c.
- 63 Old Shovels.
- 18 Picks.
- 14 Drills different sizes.

- 1 Old Ratchet Brace.
- 21 Files.
- 1 Large Crow Bar.
- 27 Crow Bars.
- 1 Wheel Bucket Straightener.
- 2 Small Pulleys.
- 1 Pair Pulley Hooks.
- 7 Lifting Chains.
- 1 Four Sheaved "Complete."
- 1 Log Lifting Apparatus for St. Pierre Bridge.
- 6 Small Eye Lifting Bolts.
- 1 New Hand Pump Valve.
- 1 Air Pump.
- 4 Iron Hand Pumps.
- 1 Wro't Iron Machine for Joi'ts
- 2 Puddle Pounders.
- 6 Peck Poles.
- 1 Anvil.
- 1 Blacksmith's Bellows.
- 1 Wedge Cutting Machine.
- 4 Locket Hooks.
- 2 Wheel Barrows.
- 6 Wooden Snow Shovels.

PATTERNS.

- 1 Pattern of large Pinion.
- 1 " Segment of Breast Wheel.
- 1 Pattern of Sluice Gate.
- 4 " Girders.
- 1 " Bridge Bracket.
- 1 " Bevel Pinion.
- 2 " Pillow Blocks.
- 1 " Spur Pinion.
- 1 " Wicket Gate for Turbine.
- 2 Pattern of 12" Valve.
- 2 " 10" "
- 2 " 4" "
- 2 " Canadian Hydrant.
- 1 Pattern of Queen "
- 1 " 12" to 6" Taper Pipe.
- 1 Pattern of 10" to 6" Taper Pipe.
- 1 10" Single Branch Pattern.
- 1 Pattern of 12" Cross Pipes.
- 1 " Hydrant Plate.
- 3 " " Covers.
- 1 " 6" Slip Socket.
- 1 " 16" Valve Cover.
- 3 " 10" Bends.
- 1 " Drinking Tap.

TOOLS AND UTENSILS—(Continued).

- 1 Pattern of 12" Pipe.
- 1 " " 10" "
- 6 " " 4" Cross Pipe.
- 2 " " 6" "
- 1 " " 4" Elbow.
- 2 " " 24" Bonnet.
- 1 Lot of Patterns of 12", 10", 6", 4", and 3" Plugs, Bonnets, Slip Sockets, &c.
- 1 Lot of Small Patterns for Service Plates, Valve Gates &c.
- 1 Pattern of 24" Bolt Slip Socket.
- 1 Pattern of 4' and 3' Tapers.
- Patterns of different Articles comprising Gates of Val's Slip Sockets, Valve covers Hydrant Frames, &c., &c.
- 1 Pattern of Core Box for 10 feet Spur Gear.

IRON AND BRASS WORKS.

- 8 Boxes Guage Locks.
- 2 ½" Brass Check Cocks.
- 114 lbs. of Old Brass.
- 46 lbs. of Copper.
- 1 Lot of Bolts and Nuts.
- 700 lbs. of Cast Iron.
- 1 Bolt and Nut 9 feet long.
- ½ Keg, 6" Spikes 168 lbs.
- 8 Service Plates.
- 7 Side Plates of Breast Wheels.
- 11 Wrt Iron Straps.
- 2 lbs. 9" Spikes.
- 1 Set of Cast Iron Pinion for Breast Wheels.
- 2 24" Bolted Slip Sockets.
- 1 Entire " "
- 6 Spur Gear Segments of Br'st Wheels.
- 2 Centre Segments of Breast Wheels.
- 4 Spare arms for Breast Wheels
- 5 Spare Bolts.
- ½ Keg ½" Rivets.
- 1 New Gate Motion Wheel.
- 1 Cast Iron Foot for Turbine Shaft.
- 15 Old Wrt Iron Suspension Bolts from the Old Air Vessels bottoms.
- 2 Wrt Iron Hoops.
- 2 Screw and Link of blow off.

- 1 Box of Nuts, Bolts, &c., 2 cwt.
- 2 Complete Sets of Gate Motions of Breast Wheels, comprising Worms, Sc'ws and Brackets.
- 1 12" Flange Pipe for Air Pumps.
- 2 4" Elbow.
- 1 4" Slip Socket.
- 45 Feet ½" Iron Tubing.
- 1 Box ½" Rivets.
- 38 Feet of 24" Pipes.
- 6 " " 30" "
- 5 30" Slip Sockets.
- 1 24" Fork.
- 1 30" "
- 1 Spare Bonnet for 30" Pipe.
- 2 Crank Shafts.
- 1 Old Wrought Iron Strap.
- 5 Hose Couplings.
- 10 Bucket Brackets.
- 8 Keys from Crank Shaft.
- 1 New Brass Follower.

SUNDRY MATERIALS.

- 10 Yards of Canvas.
- 1 Zinc Weight.
- 300 Roofing Slates.
- 20 3" Planks.
- 17 1" Boards Tongued and Grooved.
- 10 1½" Boards " " Grooved.
- 320 Feet of Square Hemlock.
- 70 Boxes for Sheet Iron.
- 368 Sheets of painted Sheet Iron
- 1 Coil of Rope Yarn.
- 17 India Rubber Bags.
- 2 Packages of Fuse.
- 2 Gallons Coal Tar.
- 90 Feet India Rubber Hose.
- 41 2" Maple Coggs 3½ feet for Turbine.
- 12 2" Maple Coggs 18 inch for Turbine.
- 204 3' Maple Coggs 2 feet for Turbine.
- 37 New Pannelled Doors.
- 2 Large Doors.
- 91 Hickory Teeth for Turbine.
- 1 Lignum Vitæ Step for do.
- 2 Wooden Valve Chamber Covers.

TOOLS AND UTENSILS—(Continued).

110 Fathoms of Manilla Rope
18" 2½," 37" 3½," 25" 4"
and 30 7."

UTENSILS.

25 Oil Lamps.
21 Oil Cans.
11 Lamp Chimneys.
16 Water Buckets.
22 Corn Brooms.
2 Tin Grease Boxes.
1 Iron Tallow Barrel.
2 Zinc Oil Barrels.
2 Tin Basins.
1 Tin Drainer.
3 Scrubbing Brushes.
2 Paint Brushes.
1 Brass Tube for Air Vessel.
5 Mammoth Heater Coal
Stoves.
1 Albanian Coal Stove.
12 Lengths of 12" and 2 Elbow
Pipes.
21 Lengths 9" Stove Pipes.
1 9" T Pipe, and 1 9" Elbow.
3 9" Stove Pipe Elbows.
2 7" Tee Pipes and 6 7" Elbows.
711 Lengths 7" Stove Pipes.
1 Large double Window.
1 Buffalo Robe.
1 Bunk and Buffalo Robe.
2 Large Cupboards.
3 Coal Scuttles.
1 Coal Box.
1 Eight Day Clock.
3 Thermometers.
2 Writing Desks.
1 Zinc Telegraphic Weight.
1 Lead Pot.
1 Drawing Table and Trestle.
1 Fire Reel and Hose.
1 24" feet Ladder.
1 2" Wheel Truck, and 1 4"
Wheel.

STORES.

30 lbs. Lead.
3 " Ground Sulphur.
30 " Tallow.
30 " Tallow Candles.
150 " Sheet Lead.
¼ Side of Leather.

1½ Keg Red Chalk.
¾ Keg Yellow Ochre.
¾ Brl. Spanish Brown.
3½ Gall. Varnish.
7 " Linseed Oil.
3 Packages Lamp Black.
½ Keg Whiting.
1 Barrel Soft Soap.
30 Galls. of Olive Oil.
15 " " Coal "
1 Bale Cotton Waste.
¾ Keg White Lead.
½ " Vermilion.
75 Tons Coals.

AT RESERVOIR.

8 Crow Bars.
1 Shovel.
2 Picks.
2 Cold Chisels.
1 Screw Wrench.
2 Stoves.
1 Glass Lamp.
2 Oil Cans.
1 Gun and 1 Revolver.
3 Thermometers.
1 Rain Gauge.
1 Evaporation Gauge.
1 Wire Sieve.
1 Iron Pounder.
21 Lengths of Stove Pipes.

AT GATE ON AQUEDUCT.

1 Sounding Line, "1,000 feet.
2 Gauges.
1 Grabbing Iron.
1 Sounding Lead.
1 Skiff.
1 Iron Shovel.
1 Axe.
2 Wooden Shovels.
1 Glass Coal Oil Lamp.
1 Wheel Barrow.
3 Snaiths and Scythes.
1 Short do.
1 Thermometer.
1 Rope, "9 yards."
2 Ice Chisels.
1 Rifle (Ballard).
1 Small Anchor, 36 lbs.

TOOLS AND UTENSILS—(Continued).

AT ENTRANCE OF AQUE- DUCT.	1 Pine Drawing Table. 1 Book Case. 1 Wash Stand and Basin. 2 Large Chairs. 5 Chairs. 1 Map of the City of Montreal. 4 Boxes for old Books and Documents. 3 Pine Drawing Boards. 2 Letter Presses. 2 Waste Baskets. 1 Time Piece. 6 Yards of Carpet. 1 Transit Instrument with Box complete. 1 Level Instrument with Box Rod complete. Prismatic Compass and other Surveying Instruments. 1 Chain. Drawing Instruments.
4 Iron Chains. 2 Iron Shovels. 2 Picks. 6 Iron Chisels. 1 Wooden Shovel. 2 Coils Rope, "100 yards." 3 Lines for Sounding, 90 yards. 300 feet of Safety Fuse. 14 Tubes for Blasting. 8 Peck Poles. 50 Yards of Old Rope 1½" 8 Rubber Bags for Blasting. 3 Kegs of Powder.	
OFFICE.	
1 Mahogany Writing Desk with Stool. 1 Mahogany Writing Desk & Table.	

The Yard on Craig and German Streets, used by the Department for the keeping of the new and old material, such as cast iron pipes, and other iron works, stoves, sand, wood &c., being likely to be converted into a Drill Shed, it will become necessary to look for another in a convenient and central part of the City. While on this subject, I would recommend also that a proper and suitable place be acquired for the Work-shops to be in connection with this Yard, where the whole could be under the care of one single Guardian.

In closing this Report, I have to thank your Committee for the warm support and entire confidence received from them in the execution of my daily work, which has been rendered easy by the respect, obedience and diligence of those employed under me, to whom I also return my sincere thanks.

I have the honour to be,

Gentlemen,

Your most obedient servant,

LOUIS LESAGE,

Superintendent of Water Works.

MONTREAL, 11th, March 1867.

SPECIAL REPORT
ON
RESERVOIRS.

SPECIAL REPORT

To the City Council of Montreal upon the expediency and cost of raising the Walls of the Reservoir of McTavish Street, and also on the necessity of having a Reservoir at a higher level than the present one.

" Extract from the Minutes of a Meeting of the City Council of Montreal,
" held on Friday the 16th November 1866 :—

" The order of the day being read to consider a motion of Alderman
" DAVID on the expediency of raising the banks of the distributing Reser-
" voir at the foot of the Mountain, with a view to increase the storage
" of water,

" Alderman DAVID moved, seconded by Alderman Goyette,

" That in the opinion of this Council it is expedient and desirable to
" raise the revetment wall of the present distributing Reservoir at the
" foot of the Mountain, with a view of increasing the pressure for the
" higher portions of this City, and that the Water Committee be accord-
" ingly instructed to enquire and report as to the practicability and cost
" of the said scheme.

" Alderman GORRIE moved in amendment, seconded by Councillor
" McGAUVYRAN,

" That the motion of Alderman DAVID, now before the Council, be
" not acted upon at present, but that it be referred to the Water Commit-
" tee with instructions to enquire into the feasibility, cost and advantages
" to be derived from the same.

" And that the Committee do report to the Council at as early a
" period as possible on the advisability and cost of creating a much
" larger storage for water than exists at present, by erecting a new and
" extensive Reservoir either inside or outside the City limits, at the West
" End, capable of containing at least one hundred million gallons of
" water. Also to enlarge the existing Reservoir at St. Denis Street so as
" to contain fifteen or twenty millions of gallons, and generally to report
" upon any other alterations or improvements that they may consider
" necessary to the Aqueduct or other parts of the Water Works.

" Alderman RODDEN moved in amendment to the amendment,
" seconded by Alderman CONTANT,

" That the motion under consideration be referred to the Water
" Committee, and that the Superintendent of the Water Department
" under the directions of the Water Committee be instructed to report on
" the expediency and cost of increasing the elevation of the present
" Reservoir and the construction of a new Reservoir in a more elevated
" position.

" The question being put on the amendment to the amendment, the
" Council divided thereon: Yeas 7; Nays 7.

" The votes being equally divided H. W. the Mayor gave his casting
" vote in favor of the amendment.

" So it was carried in the affirmative and *Resolved* accordingly.

" *Certified,*

CHAS. GLACKMEYER,
City Clerk."

TO THE MAYOR, ALDERMEN AND COUNCIL-
LORS OF THE CITY OF MONTREAL.

GENTLEMEN,

In accordance with the above Resolution of your Council I beg leave to report that, having given the above subject my most serious consideration, I now respectfully submit the following remarks: Convinced of the importance and necessity of having a storage of water at a higher level, I have latterly made careful enquiries as to the possibility and expediency of raising the walls of the present Reservoirs ten feet higher.

My first step was to ascertain the dimensions and strength of these walls and embankments so as to compare them with the weight of the water they have to support.

The present wall of the side of the Reservoir next to McGill College, and also that of the curved part at each end, are 28 feet high and 14 feet thick at their base.

These dimensions, without taking into consideration the puddle trench and embankment in the rear, give to these walls a strength to resist the weight of the water tending to overthrow them in the proportion of 2 to 1; which is of course increased by the protection offered by the puddle wall and embankment.

By raising these walls 10 feet higher the proportion of their strength will become $\frac{2}{3}$ to 1, that is $\frac{1}{3}$ too little to balance the weight of the water; this lack of strength in this case should have to be made up by increasing the width of the bank and puddle trench, and employing the best kind of masonry.

The rule adopted by the best Engineers for similar constructions is to give to the walls the following thickness: base 7 tenths of the height, at the middle 5 tenths, and at the top 3 tenths, making the proportion of the strength to the weight of the water of about 3 to 1. As to banks, the proportion of their dimensions varies according to the quality of the material used; in high banks made of solid clay the top width is from 20 to 30 feet wide with slopes 2 to 1 and 3 to 1.

According to these rules, and to the practise followed by eminent Engineers in Europe and America, the thickness of the walls of the present Reservoir is not sufficient to warrant, in my opinion, an additional height of ten feet, especially when the material forming the embankment, as in the present case, is composed mostly of rubbish and broken stones. The least leakage through the walls will percolate through such embankment, as has already been the case on several occasions with the present embankment, causing it to subside and rendering its maintenance a continual source of expense.

Another consideration which has guided me in my opinion is that the walls of the present Reservoir, especially that part nearer the foundation, are composed of uncoursed rubble masonry, with very large and irregular joints filled up with hydraulic mortar, which, if put under higher pressure, would be very apt to leak and render the stability of the embankment still more questionable.

These stones were taken out of the excavation of the present Reservoir and chosen amongst the best shaped that came out of the unstratified mass of rock that was excavated.

A last consideration which, in my opinion, is the most decisive against the project is the small advantage derived from such costly an improvement.

The surplus quantity of water the Reservoir will contain, if raised ten feet higher, will be only 16 millions

of gallons, which are equivalent to a supply of not more than three days for the whole City, while the cost, as may be seen by the subjoined estimate will be \$61,500, and on account of its small area compared with its depth; the least drawing off of the water will lower its level so as to make it of very little benefit, unless the pumping at the Wheel house be not interrupted for any length of time.

I might mention here that, for the past five years during the greater part of the months of February and March, it was found impossible to pump any water into the Reservoir on account of the ice on the Aqueduct which retards the speed of the Wheels, and during that period the Reservoir is kept shut off during the day so as to relieve the Pumps of its pressure; it is only during the night that sometimes the water can be forced into the Reservoir.

This extra pressure of 10 feet on the Machinery would render the shutting off of the Reservoir still more necessary during the winter.

I am of opinion that a better plan can be adopted at at the cost of a little more money to supply at a higher level and in a manner more satisfactory, the citizens residing in or above the level of Sherbrooke Street, and also to give them the same protection against fire as their co-citizens below that level. That plan I will endeavor to describe in the second part of my report relating to the cost of a higher level reservoir.

In the present state of the Aqueduct it is not possible to force water from the Wheel House to a higher level than that of the Reservoir on McTavish Street, and as some years may elapse before the pumping power at the Wheel House is increased, yet in the meantime it may be desirable to have a supply of water at a higher level. The object can be accomplished by erecting at the Reservoir a pumping Engine to force the water in a small reservoir at a level of about 200 feet

above the present one. Although it may be premature for the present to build a large Reservoir at that level, I would, however, propose to place this new reservoir in a situation such as to admit of its future enlargement, and sufficient land should be at once bought for that purpose. The site proposed is on the properties of Judge Smith and of Mr. Redpath, at the top of Mountain Street. There is at that place an extent of $142\frac{1}{2}$ acres of land suitable for such reservoir.

I have therefore prepared a plan and estimate of these Works, hoping by this to meet the views of Your Council,

The project is to erect at the present Reservoir on McTavish Street two small pumping high pressure Steam Engines of 25 horse power each, to force the water 215 feet high to the proposed Reservoir which should contain 5 millions of gallons; to lay from the pumping Engine to the said Reservoir a main pipe of 12-inch diameter, and to continue the said main westward through a street proposed to be opened in continuation of that passing in front of Mr. Allan's property to Côte des Neiges Road, on a line parallel with Sherbrooke Street, and connect the said 12 inch main with Sherbrooke Street by pipes of 6-inches diameter at the intersection of Peel, Stanley, Drummond, Mountain, Simpson, Redpath Streets and Côte des Neiges Road. To extend also eastward this 12 inch main on the said Street produced towards St. Lawrence Main Street, branching it off by six inch pipes at Du-rocher and University Streets and at the Hotel-Dieu Hospital.

I herewith submit a plan shewing the position of Engines, Reservoir, and Pipes, and also an estimate of their cost, which amounts to \$99,000, with a probable revenue of \$1,870.25. For this probable revenue, I have based my estimate upon the present Water Rates. It will nevertheless be difficult to render this work self

supporting, unless a higher rate than the present is paid by the interested parties.

I must remark, that I am not aware of any application demanding (in a pressing manner) this improvement of a higher level Reservoir.

The citizens residing above the level of the reservoir on the foot of the Mountain, have made such arrangements as to be independent of the Water Works, by gathering water in Wells and Tanks. It would then only be those situated on the extreme levels, where the water is supplied by the City Water Works, and who have been greatly inconvenienced by the irregularity of the water supply in the winter months, who may require mostly this improvement, and who in justice may demand from the City a better supply during that time. The remedy to this is, as I have already recommended in a previous report, to erect a Steam Engine at the Wheel House, so as to help the Water Wheels to keep the Reservoir full during the winter months, and maintain the same water supply as in summer.

Before closing this report, I beg to refer again to the importance of securing soon the land necessary for a large storage of water at the level of the present Reservoir, before it gets too high in value. As in a few years, the present Aqueduct will be considerably enlarged, or perhaps altogether renewed; it would be wise for the City to secure before hand, the land necessary for Reservoirs, one site in the western part of the City, and another in the eastern part, so that, should the position of the works be changed, one would be sure to be made available while the land of the other could be re-selling it, bring in its value, and perhaps a good deal more in the case of its not being needed.

I have also subjoined an estimate for enlarging the Coteau Baron Reservoir, to the extent of 20 millions of gallons.

This Reservoir, although on a level lower than the present one, is sometimes found useful, when the Pumping Works are impeded from working.

I have the honor to be,

Gentlemen,

Your most obedient servant,

LOUIS LESAGE,

Superintendent of Water Works.

MONTREAL, December 7th, 1866.

No. 1.—ESTIMATE of the cost of Raising the Walls of the present Reservoir 10 feet higher, as well also those of the proposed extension.

DESCRIPTION OF WORK.	QUANTITIES.		RATE.	Amount.
			\$ c.	
Course Rubble Masonry in cement (grey stone).....	Cubic Yds.	1074	10.00	\$10.740
Course Rubble Masonry in cement (black stone).....	"	2956	8.00	23.648
Coping cut stones (grey).....	"	235	14.00	3.290
Rubble.....	"	2500	1.00	2.500
Pitching covering slopes of Reservoir.....	Sqr. Yards	5070	1.00	5.070
Overflow, and Well underneath Valve House.....	Cubic Yds.	314	20.00	6.280
Building for Guardian.....				4.000
Removing and Replacing Iron Railings.....	Lineal Ft.	920	.50	460
Additional 10 per cent for contingencies.....				55.988
				5.598
				<u>\$61.586</u>

N. B.—In this Estimate the Walls of the present Reservoir are calculated to be taken down for a depth of 5 feet, and rebuilt anew to the height of 15 feet. All the work to be of the first class rubble masonry with all the beds and joints properly cut so that none of them should exceed one quarter of an inch in thickness. The courses to be not less than 18 inches high and each stone to average a solid content of 9 cubic feet.

No. 2.—ESTIMATE of the probable cost for supplying with water the section of the City above the level of the present Reservoir, to the height of 215 feet:—

Reservoir on Judge Smith's property, to contain five millions of gallons.....	\$47,400.00
Engines, Pumps, Engine House, &c.....	10,000.00
Pipes, Pipe laying, 10.000 feet.....	32,600.00
	<u>\$90,000.00</u>
Add 10 per cent. contingencies.....	9,000.00
	<u>99,000.00</u>

N. B.—To this estimate has to be added the land purchase.

No. 3.—ESTIMATE of the probable cost of the enlargement of the Reservoir at Cote-à-Baron, to contain 20 millions gallons of water, and also of raising its present level 10 feet higher :—

45,000 cubic yards of excavation, \$0.25.....	\$11,250.00
26,000 square yards of stone lining, \$0.30.....	7,800.00
10,000 “ “ Sodding, \$0.01.....	100.00
Masonry for Pipe connection.....	1,000.00
300 yards of Brick Drain from Reservoir to Sherbrooke Street, \$2.50	750.00
Pipes and Stop Cocks.....	700.00
House for Guardian.....	1,500.00
	<hr/>
	\$23,100.00
Add 10 per cent. for contingencies.....	2,310.00
	<hr/>
	\$25,410.00
Land purchase, 319,280 square feet, or 8.65 arpents, at 15c. per foot.....	47,892.00
	<hr/>
	\$73,302.00

Estimate for enlarging the same Reservoir to the extent of the land owned by the Corporation at that place.

18,200 cubic yards of excavation, \$0.25	\$4,550.00
4,200 square yards of stone lining, \$0.30.....	1,260.00
3,000 “ “ sodding, \$0.01.....	30.00
Masonry for Pipes.....	1,000.00
House for Guardian.....	1,000.00
	<hr/>
	\$7,840.00
Add contingent 10 per cent	784.00
	<hr/>
	\$8,624.00

ANNUAL REPORT
OF THE
FIRE DEPARTMENT

FIRE ALARM TELEGRAPH,
INSPECTOR OF BUILDINGS,
AND THE
STREET WATERING,
CORPORATION OF THE CITY OF MONTREAL,
FOR THE YEAR 1866.

Printed by Order of



the Fire Committee.

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1867.

ANNUAL REPORTS
OF THE
FIRE DEPARTMENT,
FIRE ALARM TELEGRAPH,
INSPECTOR OF BUILDINGS, AND STREET WATERING,
FOR THE YEAR 1866.

*To the Chairman and Members of the Fire Committee of the
Corporation of the City of Montreal.*

GENTLEMEN :

In compliance with an established rule of the Council, I have the honour to present to you my fourteenth annual report of the condition and working of the Department under my charge.

The efficiency of the Department, I am proud to say, has fully sustained its reputation of former years ever since the establishment of Water Works and Fire Alarm Telegraph.

I would nevertheless recommend to your honorable body that four additional guardians be put in the four Centre Stations and that an alteration be made in the duties of the said guardians, so as to do away as much as possible with the present Volunteer Force.

It must be gratifying to our Citizens to see that so little property has been destroyed by fire, when in almost every one of our neighboring cities, heavy losses have been suffered. The only serious loss that we have to deplore is the College Barracks, part of which was consumed on the 22nd March.

The total number of fires during the year within the City Limits was *one hundred and eleven*; the number of alarms *forty-four*.

I regret to say that six out of these alarms were caused by parties who by some means or other have procured a key of the telegraph boxes, and who give alarms for no other purpose than gratifying their own mischievous dispositions. It is to be hoped that a strict surveillance will be kept over these persons, so that they may be brought to justice should they again try their hand at these false alarms.

A new Fire Station has been erected south of the Lachine Canal, which is now ready for occupation and which will no doubt be of great service in that remote section of the City.

I beg to call your attention to the fact that of the fires that took place during the past year, not less than ten occurred through the want of care in the mode of putting away ashes from the stoves or furnaces; the law in this case, as in every other where the life and property of citizens are endangered, should be strictly enforced and parties rigorously prosecuted who disregard it.

I would again urge upon the Fire Committee the great need of a steam Fire Engine, to be placed in a central position, to protect the now many valuable and handsome dwellings that are now erected above the present level of our Reservoir.

There is no alteration in the working of the Department since my last report.

STRENGTH OF THE FIRE POLICE.

There are eight Fire Stations with 24 men, 1 Hose-Maker, 1 Chief, 1 Assistant-Chief, and 12 horses.

LOCATION OF STATIONS.

No. 1, or Centre Station, corner of Craig and Chenneville Streets. In that station is kept the hose-maker's shop, where all the hose for the city is made, repaired,

cleaned, oiled and carefully attended to, so that a sufficient quantity of hose may always be on hand to change all the other stations hose immediately after every fire, which is a great preservation for hose, as there are in the service in the Department hose that have been in use 8 and even 10 years. Also extra hose reels, &c., &c., which are immediately supplied to any other station during the time of repairs.

DIVISION OF THE CITY INTO FIRE DISTRICTS.

For the greater convenience of operating the Fire Department, the city is divided into three Districts.

District No. 1—Comprises all that part of the City lying West of St. Denis and Bonsecours Streets, and East of Duke Street, Dupré Lane, Monarque Street, and McGill College Avenue, extending from the River St. Lawrence to the City Boundary.

District No. 2—Comprises all that portion of the City lying West of No. 1 District.

District No. 3—Comprises all that portion of the City lying East of No. 1 District.

The Fire Police and Signal Stations, included within the boundaries of the Several Districts, with their respective detail of apparatus, are as follows :—

DISTRICT NO. 1.

FIRE STATIONS.	APPARATUS.	
No. 1, Central.....	<div><div>2 Hose Carriages, &c.,</div><div>1 Hook and Ladder</div><div>Carriage, &c.</div></div>	} 3 horses.
No. 2, Court-House Square.....	1 Hose Carriage, 1 horse.	
No. 5, St. Catherine Street..	<div><div>1 Hose Carriage,</div><div>1 Engine, 1st class</div></div>	} 1 horse.
No. 6, German Street.....	<div><div>1 Hose Carriage,</div><div>1 Engine 2nd class</div></div>	

FIRE ALARM SIGNAL STATIONS.

Nos. 1, 3, 4, 5, 6, 7, 8, 9, 12, 24, 26, 34, 35, 36, 37, 38, 39, 41, 42, 43, 45, 46, 47, 48, 49, 51, 52.

DISTRICT No. 2.

FIRE STATIONS.	APPARATUS.
No. 3, Wellington Street.....	{ 1 Hose Carriage, 1 Hook and Ladder Carriage. } 2 horses.
No. 4, Chaboillez Square.....	{ 1 Hose Carriage, 1 2nd class Engine, } 1 horse.

FIRE ALARM SIGNAL STATIONS.

Nos. 13, 14, 15, 16, 17, 18, 19, 21, 23, 25, 27, 28, 29, 31, 32,
64.

DISTRICT No. 3.

FIRE STATIONS.	APPARATUS.
No. 7, Dalhousie Square.....	{ 1 Hose Carriage, 1 1st class Engine, } 1 horse.
No. 8, Visitation Street.....	{ 1 Hose Carriage, 1 2nd class Engine, &c., 1 Hook and Ladder Carriage. } 2 horses.

FIRE ALARM SIGNAL STATIONS,

Nos. 2, 53, 54, 56, 57, 58, 59, 61, 62, 63 and 65.

FIRE MARSHAL.

In my former report, I alluded to the office of Fire Marshal. I would again urge upon your Committee the necessity of providing for such an appointment. Steps should be taken to obtain authority from the Legislature to that effect.

The tabular statement No. 1 will show the supposed cause of the fires this year, which calls loudly for some means of ascertaining their real origin. In my opinion a great number of fires occur through neglect or carelessness, which it is impossible to account for.

PROHIBITION OF INTOXICATING LIQUORS.

It is the interest of all, Fire Committee, Chief Engineers and Citizens, that the Fire Police should be composed of men of the most temperate habits. To that end when any neglect, or unfitness for duty, is detected by

either the Fire Committee or Chief Engineer, and satisfactory proofs of the delinquency are given, the parties should be immediately dismissed from the Fire Department.

STREET WATERING.

This duty has been performed by the Fire Police under the superintendence of my Assistant, William Patton, and I am happy to say that very few complaints have been made by any parties within the watered Districts.

Mr. Patton's report, and statement of the quantity of water used, will appear under its proper head.

Tabular statements will show the number of fires and alarms in each ward, with the loss in each as well as the cause, as far as could be ascertained.

The Chief Operator of the Fire Alarm Telegraph's Report is annexed. Also that of the Inspector of Buildings.

I have also appended a statement of the expenditure of the department in all its branches for the past year.

CONCLUSION.

In drawing these remarks to a close, it gives me much pleasure to state that my Assistant, Mr. Patton, has shown himself most zealous in the performance of his duty.

I am happy to say that the greatest harmony and good feeling prevails among the officers and men of the Department. Prompt in case of need and obedient to orders, they are all entitled to my cordial approbation.

To the gentlemen composing the Fire Committee, I am indebted for many acts of kindness, good-will and assistance, all of which are duly appreciated by

Your most obedient servt.,

ALEXANDER BERTRAM,

C. E. Fire Department.

TABLE No. 1.

Trade or occupation carried on in buildings where fire was first discovered, and whether said buildings were Stone, Wood or Brick, with ascertained or supposed cause of fire.

BUSINESS.	BUILDINGS.				CAUSE OF FIRE OR ALARM.	No.
	Stone	Brick	Wood	Total.		
Bakery	2	1	.	3	Alarms from Chim-	
Barge in Canal .....	.	.	1	1	nies on Fire	38
Boot & Shoe Factory					Alarms—no cause..	6
and Stores	3	1	.	4	Furnace dry'g Plastr	3
Bran and Flour Store.	.	.	1	1	Frict'n of Machinery	1
Brewery .....	.	.	1	1	From Gas	1
Carpenters' Shop ....	.	2	1	3	From Bakers' Oven.	3
Cabinet Maker's Shop	.	1	.	1	From Candles	6
Clock & Watch Maker	.	.	1	1	Coal Oil Lamp	1
Country, out of limits	.	3	6	9	Fire Crackers	1
Carriage maker's Shop	.	.	1	1	Chimnies on fire, set-	
Dry Goods Store .....	.	1	.	1	ing fire to roofs, &c.	10
Dwellings	6	15	12	33	Child'n with matches	5
Foundry .....	.	1	.	1	Defective Flues	4
Glass Stainer .....	.	1	.	1	Defective hearth	1
Grocery .....	.	1	.	1	Hot Ashes	10
Hardware Store	1	.	.	1	Lightning	2
Hot ashes in Yard...	.	.	1	1	Hot-air Furnace	2
Hoop-skirt Factory ..	.	1	.	1	Glass Stainers Oven.	1
Lumber Drying Kiln.	.	1	.	1	Outside City Limits.	9
Match Factory .....	.	.	1	1	Tobacco Kiln	1
Offices	3	1	.	4	Drying Kiln for wood	1
Pattern Shop .....	.	.	1	1	Segars and Tobacco	
Paper Bag Maker .....	.	.	1	1	Smoking	3
Photographic Store ..	1	.	.	1	Supposed Incendiary	20
Planing Mill	1	.	.	1	Not known	16
Printing Office .....	.	1	.	1	Stoves & Stovepipes.	7
Railway Shed & Stores	.	1	2	3	Vermin	1
Safe Factory	1	.	.	1	Steam Engine Boiler	1
Sadler's Shop .....	.	.	1	1	Thawing water pipes	2
Stables & Woodsheds.	.	7	20	27	Smoke issuing from	
Soldiers' Barracks ...	3	.	.	3	buildings and sup-	
Tobacco Pipe Factory	.	1	.	1	posed to be danger-	
Tobacco Kiln	1	.	.	1	ous	5
Tannery .....	.	1	.	1	Shavings too close to	
Thrashing Machine					Furnace	3
Shop .....	.	1	.	1		
Vinegar Factory .....	.	1	.	1	TOTAL	164
Wholesale Clothing						
Store	1	.	.	1		
Warehouses	2	.	1	3		
TOTAL	25	43	52	120		

TABLE No. 2.

—
 SHEWING THE NUMBER OF FIRES AND ALARMS DAILY AND MONTHLY WHICH HAVE OCCURRED
 DURING THE YEAR.

DAYS.	JAN.		Feb.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST		SEPT.		OCT.		Nov.		DEC.		TOTALS	
	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms	Fires.	Alarms
Sunday.....	2	4	2	1	3		1		2	1	3		2		1		1	1	1		1	1	1	1	13	8
Monday.....			2	2	1			1	1		1		1		1	2	1	1			2	1	1	1	12	5
Tuesday.....	1		2	2	1				1		1		1	1			4	4			1	2	1	1	16	5
Wednesday.....	1	1	1	2	2		3		2		1		2	1	1		1	4			1	1	1	1	18	5
Thursday.....	1	2	1	1	3	2	3		3	1	1	1	2	1	2	2	2	1	1		2	2	1	1	19	10
Friday.....		1	2		2	1	1		3				2				1	1	1		2	2	1	1	19	5
Saturday.....	1		4		4	2			1		1		3	1	2	1	1	4	2		3	3		3	23	6
Totals.....	6	8	14	7	15	5	6	1	11	2	7	1	11	3	12	1	6	5	14	3	9	2	9	6	120	44

TABLE No. 3.

Shewing the Number of Fires in each Ward during the Year.

WARDS.	Fires.	Alarms	Total.	Loss insured.	Loss not insured.	Total Loss.
East	2	2	4	\$ 52.00	....	\$ 52.00
West	3	3	11	4,357.00	....	4,357.00
Centre	6	2	8	550.00	....	550.00
St. Ann's	25	10	35	12,137.00	\$ 340.00	12,477.00
St. Antoine	24	6	30	6,099.00	460.00	6,559.00
St. Lawrence	22	7	29	4,149.00	1,125.00	5,274.00
St. Louis	7	6	13	340.00	610.00	950.00
St. James	13	5	18	1,256.00	370.00	1,626.00
St. Mary	4	3	7	669.00	75.00	744.00
Beyond City Limits...	9	..	9	....	....	....
TOTALS	120	44	164	\$29,609.00	\$2,980.00	\$32,589.00

TABLE No. 4.

Shewing the number of Fires and Alarms with the Amount of Real Estate destroyed, as far as could be ascertained from 1853 to 1866, both years included.

	AMOUNT.	FIRES.	ALARMS.	TOTALS.
1853	\$ 81143	40	29	69
1854	44058	59	41	100
1855	50110	57	48	105
1856	140088	85	43	125
1857	59027	62	32	94
1858	42625	74	31	105
1859	84411	81	51	131
1860	87132	50	47	97
1861	29170	58	35	93
1862	47116	105	45	150
1863	45936	104	50	154
1864	35428	102	52	154
1865	52290	121	48	169
1866	32580	120	44	164

TABLE No. 5.

EXPENSES OF FIRE DEPARTMENT FOR 1866.

Salaries of Officers and men of Fire Police	\$ 9,570 25
Pay of Volunteer City Fire Company	718 00
Clothing for Fire Police	1,009 12½
Repair of Apparatus	511 48
Horse Forage	1,400 00
Horse Shoeing	120 19½
Leather and Rivets for new Hose and Repairs	288 78
Hose Coupling and Plumbers Work	122 00
Printing, &c.	34 00
Oil and Tallow for Hose	104 94
Repairs and Alterations on Station Buildings	250 04½
Damages by Collisions	77 15
Brooms, Shovels, Carriage hire and Contingencies	189 34
Gas and Fuel for Stations	660 50
Alarm Gong for No. 9 Station	36 46
	<hr/>
	\$15,092 26½

FIRE ALARM, POLICE & WATER TELEGRAPH.

Salaries of Operators	\$ 2,389 12
Wires and Apparatus	202 29
Sulphate and Brackets	195 84
Altering Operating Rooms	247 01
New Furniture for Rooms	72 55
Hardware, Tools, &c.	26 74½
Register Paper	289 73
Carriage Hire and Incidental Expenses	77 28
	<hr/>
	\$ 3,500 56½

STREET WATERING.

Repairs of Vehicles	\$ 249 19
Purchase of Horses	350 00
	<hr/>
	\$ 599 19

BUILDING INSPECTOR.

Policemen for Services	\$ 64 00
Carriage Hire & Incidental Expenses	77 97½
Printing and Stationery	47 78
	<hr/>
	\$ 189 75½

RECAPITULATION.

Fire Department	\$15,092 26½
Telegraph	3,500 56½
Street Watering	599 19
Building Inspector	189 75½
	<hr/>
Total	\$19,381 77½

REPORT.

OFFICE OF FIRE ALARM TELEGRAPH,

January 15th, 1867.

*To the Chairman and
Members of the Fire Committee.*

GENTLEMEN :

I herewith submit a report of the operations of the Fire Alarm Telegraph for the year ending December 31st, 1866.

During the year 140 alarms have been given by Telegraph, and in all instances the apparatus has worked satisfactorily.

An improvement has been observed this year over last year in the manner of turning at the signal boxes, there having been no instances of serious delay arising from bad turning.

A signal box (No. 25) has been placed in Chaboillez Square, and in the month of October last the Police line was extended to connect with the station in St. Charles Barromee Street and with the Point St. Charles station.

The alarm wires have also been extended to Point St. Charles to connect with an alarm Gong to be placed in the new Fire Station.

Various other matters have been attended to during the year such as moving boxes and wires, making repairs where necessary, &c., &c.

I am pleased to say that the premises now occupied by the Fire Alarm are found to be a decided improvement over the former condition of things. Also the rooms occupied as a dwelling by the Chief Operator are a great convenience.

Annexed may be found tabular statements of the Alarms as given by Telegraph during the year.

In conclusion, gentlemen, I would express thanks for the interest you have taken in this department. Thanks are also due to the Assistant Operators for their efficient services and also to the Chief and Assistant Chief of the Fire Department for assistance cheerfully rendered whenever called for.

Respectfully submitted,

F. H. BADGER,

Superintendent Fire Telegraph.

TABLE No. 1.

Shewing the Number of Alarms given in each Month and Day during the Year.

1866.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL.
Sunday.....	5	2	3	1	3	.	.	1	1	1	1	2	20
Monday	1	2	1	1	1	3	2	.	2	1	1	1	16
Tuesday	2	5	1	.	2	.	2	1	1	2	1	3	20
Wednesday .....	.	2	1	1	.	1	2	1	1	4	2	1	16
Thursday.....	3	2	5	1	2	1	3	2	2	.	2	2	25
Friday	1	2	3	.	.	.	.	2	2	4	.	2	16
Saturday .....	.	3	6	.	1	1	4	3	1	2	3	3	27
TOTAL.....	12	18	20	4	9	6	13	10	10	14	10	14	140

TABLE No. 2.

Shewing the Alarms given during the several portions of the Day during the Year.

1866.	A. M.												Total A.M.	P. M.												Total P.M.	GRAND TOTAL.
	1	2	3	4	5	6	7	8	9	10	11	12		1	2	3	4	5	6	7	8	9	10	11	12		
January	2	.	.	1	.	1	.	.	2	.	.	.	6	1	.	.	.	1	1	1	1	.	.	1	6	12	
February	4	.	1	1	.	1	2	9	.	.	.	1	.	1	2	1	2	.	2	9	18	
March	1	1	2	.	1	.	1	.	.	1	3	2	12	2	1	2	2	.	1	.	8	20	
April	1	1	.	.	1	3	1	1	4	
May .....	.	.	2	1	.	.	.	.	1	.	.	1	5	.	.	.	1	.	.	1	.	.	2	4	9
June	1	2	3	1	1	1	3	6	
July	1	.	.	2	.	.	.	4	7	.	2	.	1	.	.	1	.	1	.	1	6	13	
August .....	.	.	1	.	.	1	1	.	.	.	.	1	4	.	.	.	1	.	.	1	1	.	2	6	10
September	1	2	.	.	.	.	.	.	.	.	2	.	5	1	.	1	.	1	1	.	.	.	1	5	10
October	3	2	1	.	.	.	.	1	.	.	.	2	9	.	.	1	1	.	.	1	.	1	.	5	14
November	2	.	.	2	.	.	1	.	.	.	.	.	5	.	.	.	.	.	1	.	1	1	2	5	10
December .....	.	.	.	1	.	1	.	.	2	.	.	1	5	1	.	2	.	1	1	.	1	3	.	9	14
TOTAL	10	11	8	6	4	3	4	3	5	1	6	12	73	6	4	8	3	4	4	5	7	8	6	.	12	67	140

REPORT

ON THE

WATERING OF THE STREETS.

CITY OF MONTREAL, 1866.

*To the Chairman and
Members of the Fire Committee.*

GENTLEMEN :

In compliance with duty, I beg to lay before you a report of the street watering for the summer of 1866, which began on the 23rd April and terminated on the 25th October, being of longer duration than any previous year, but at the same time less water has been used owing to the extreme wet weather in August and September, and in latter part of the season from defective supply by the Water Works. The same remarks which I made last year in my report (to which I would refer) on the impropriety of the street watering being done by the Fire Police will apply to this year also ; it would be more proper that it should be done by a department having the cleaning of the streets in connexion with it. Some steps were taken in the early part of the season to remove the dirt of the streets regularly, but abandoned from some cause, since which the same old system and the same evils exist ; and as the city extends and new streets are formed and widened with a better class of buildings on them, the dirt allowed to remain on the streets for weeks without being collected and removed, will be more sensibly felt as a nuisance. The inability to attend the two duties of attending fire alarms and street watering is even now apparent. There

has been thirty-four (34) alarms of fire this year during the watering season, between the hours of 6 A. M. and 6 P. M.

The following is a condensed account of the labour of the season with the water expended.

No. of Station.	Size of Puncheons.	No. of Puncheons.	No. of Days.		Total in Gallons.
			Singlc.	Double.	
One	600 galls	3,159	....	56½	1,895,400
Two	200 "	4,574	47½	....	914,800
Three	600 "	2,910	....	44½	1,746,000
Four	411 "	4,044	53¾	....	1,662,084
Four	200 "	3,137	39	....	627,400
Five	392 "	2,317	33½	....	908,264
Five	200 "	3,871	47½	....	774,200
Six	392 "	2,619	35	....	1,026,648
Six	200 "	5,179	55½	...	1,035,800
Seven	392 "	3,314	48½	....	1,299,088
Eight	600 "	3,123	....	49½	1,873,800
			360½	150½	13,763,484

The foregoing remarks with tabular statements respectfully submitted to your consideration.

I remain,

Your most obed't servant,

WILLIAM PATTON,

CITY HALL,

13th Nov., 1866.

Asst. Engineer F. D.

REPORT

OF THE

INSPECTOR OF BUILDINGS,

FOR THE YEAR 1866.

*To the Chairman and Members of the
Fire Committee of the City of Montreal.*

GENTLEMEN :

I have the honor to submit the Annual Report of the doings of the department under my charge for the year ending January 31st, 1867, arranged in a tubular form shewing the number of new buildings, Steam Engines, Hot air Furnaces, &c., erected in this city during the past year.

No less than nine hundred and eighteen notices were issued for infractions of the By-Laws for the prevention of fires. I am happy to state that in the generality of cases, the parties thus notified were prompt in conforming themselves with the provisions of the Law. I beg leave, however, to call your attention to the fact that, previous to my appointment as Inspector of Buildings, there were a certain number of framed buildings erected which have not yet been lined with bricks, although the proprietors were served with the required notices to that effect.

As these parties have petitioned your Committee for delay, for want of means to comply with the Law, I have deemed it my duty to await your decision before prosecuting such proprietors.

I beg also to draw your attention to an abuse which

is being introduced in some of our new buildings and which in my opinion is open for objection as endangering the life of the citizens ; I mean the practise of allowing part of the frontage to project into the street. In some cases, large and heavy stones are thus suspended in the air, and if these were brought in contact with the flames, in case of fire, they would necessarily fall down to the imminent danger of parties who might be standing beneath at the time.

A careful examination of the regulations now in force, relating to the construction of buildings, has convinced me that they are in many respects defective, and with a view to remedy the evil, I have prepared a new code of fire regulations which is herewith submitted for your consideration.

Thanking you for the kind assistance you have extended to me in the performance of the onerous duties devolving upon me,

I remain, Gentlemen,

Your most obedient servant,

O. ROUILLIARD,

Inspector of Buildings.

MONTREAL, Jan., 1867.

TABLE No 1.

Shewing the number of New Buildings erected in the several Wards, and Inspected during the year 1866.

WARDS.	Buildings.	Dwellings.	Shops and Dwellings.	Stores and Offices.	Manufactories.	Stores.	Work-Shops.	Printing Establishm'ts	Built with Stone.	Built with Brick.	Built with Wood.	Metal Roof.	Gravel Roof.	Shingle Roof.	Number of Stories.	Number of Basement.	Number of feet in total of the frontage of new buildings.
East	5	..	2	..	..	3	..	..	5	..	..	3	2	..	10	..	143-03
Centre	5	..	1	1	..	3	..	..	5	..	..	3	2	..	19	..	180-10
West	27	..	6	8	1	12	..	4	24	3	..	14	13	..	41	2	1,723-00
St. Ann's	22	15	2	..	2	3	..	..	3	17	2	4	17	1	37	..	568-10
St. Antoine	69	57	6	1	2	1	2	..	33	35	1	46	22	1	88	17	1,497-00
St. Lawrence	35	26	3	2	1	..	3	..	6	28	1	12	23	..	48	7	936-10
St. Louis	24	15	7	..	..	1	1	..	3	17	4	12	12	..	50	5	507-09
St. James	20	17	2	..	1	..	..	..	3	12	5	10	10	..	30	4	514-00
St. Mary's	12	7	4	..	1	..	..	..	..	5	7	6	6	..	18	1	233-00
TOTAL	219	137	33	12	8	23	6	4	82	117	20	110	107	2	341	36	5,304-06
Depot in Albert Street, St. Antoine Ward																	1,197-00
TOTAL																	6,501-06

The order of the Wards, according to the largest number of buildings erected, will stand thus, namely:—

1.....	St. Antoine.
2.....	St. Lawrence.
3.....	West.
4.....	St. Lewis.
5.....	St. Ann's.
6.....	St. James.
7.....	St. Mary's.
8.....	East
9.....	Centre.

Proprietors being notified for defective Chimnies.....	254
Defective Chimnies being repaired.....	237
	<hr/>
Remain to be repaired.....	17

Proprietors being notified for Spouts missing or to be repaired.....	81
Spouts renewed or being repaired.....	73
	<hr/>
Remain to be renewed.....	8

Proprietors being notified for missing Spout conductors.....	182
Conductors renewed or repaired.....	176
	<hr/>
Remain to be put up.....	6

TABLE No. 2.

Number of Notices of Complaints issued in each Ward by the
Building Inspector, and Causes of Complaint during the year
1866.

CAUSE OF COMPLAINT.	East	Centre.	West.	St. Ann's	St. Antoine.	St. Lawrence.	St. Lewis.	St. James.	St. Mary's	Totals.
Wooden Buildings.....	1	1	6	22	16	4	9	55	16	130
Scuttle hole on roof wanting....	..	..	..	1	..	..	..	..	..	1
Chimnies built on Timber Joists.....	..	..	..	4	3	..	..	3	..	10
Defective walls.....	2	6	1	11	2	..	2	..	2	26
Roof ladders defective and want- ing	1	1	..	5	3	4	5	25	16	60
Defective chimnies	7	5	4	47	63	41	28	31	28	254
Stoves and stove pipes too near wood	1	..	..	3	..	..	..	2	..	6
Flanges and registers too near wood .....	..	..	..	..	1	1	..	..	..	2
Wooden gallery contrary to law.....	..	..	..	..	1	1	..	..	..	2
Defective or no spouts.....	3	1	1	10	23	8	6	13	16	81
do or no conductors.....	3	4	11	27	42	15	15	31	34	182
Match manufactory used con- trary to law .....	..	..	..	..	..	..	..	..	1	1
Doors to be opened exteriorly....	1	2	..	1	2	1	1	1	1	10
Defective cast iron conductor .....	..	1	1	..	2	..	..	..	..	4
Defective chimney hearth.....	..	..	1	2	1	..	..	..	..	4
Hot air furnaces used contrary to law.....	..	..	..	..	1	1	..	13	..	15
Non-payment of certificates for air furnaces.....	..	..	..	..	..	..	4	13	..	17
Woodyard having no certificate.....	..	..	4	11	12	6	9	12	6	60
Powder magazine contrary to law.....	..	..	..	1	..	..	..	..	..	1
Dangerous supporters.....	..	..	3	..	..	..	..	..	..	3
Coal oil depot contrary to law....	..	1	..	..	..	..	..	..	..	1
Shingle roofs .....	..	..	..	..	7	..	..	5	4	16
Oven in dangerous order.....	..	..	..	..	1	..	..	..	1	2
Keeping light in contravention to law.....	..	..	..	..	..	1	..	1	..	2
Soap factory contrary to law....	..	..	..	..	..	..	..	2	..	2
Chimney board contrary to law.....	..	..	..	..	..	..	..	8	..	8
Accumulation of Straw contrary to law.....	..	..	..	..	..	..	1	1	..	2
Wooden roofs.....	..	..	..	..	..	..	2	8	..	10
Chimnies without foundation....	..	..	..	..	..	..	..	..	2	2
New brick houses contrary to law.....	..	4	..	..	..	..	..	..	..	4
Totals	19	26	32	145	179	83	83	224	127	918

TABLE No. 3.

Number of Steam Engines, Hot Air Furnaces, Hot Air Steam Furnaces, Woodyards, and Certificates granted by the Building Inspector, from the 1st January, 1866, to the 1st December, 1866.

Wards.	Hot-Air Furnaces.	Hot-Air Steam Furnaces.	Steam Engines.	Wood Yards.	Totals.
East	1	..	1	4	6
Centre .....	..	..	1	1	2
West	6	..	4	1	11
St. Ann's .....	..	..	..	8	8
St. Antoine	2	1	..	13	16
St. Lawrence ...	2	1	1	3	7
St. Lewis .....	..	..	..	5	5
St. James .....	..	..	1	14	15
St. Mary's .....	..	..	..	7	7
Totals...	11	2	8	56	77

TABLE No. 4.

List of cases brought before the Recorder's Court during 1866, on Complaint of Mr. O. Rouilliard, Inspector of Buildings, with statement of proceedings thereon; furnished at the request of the said Inspector.

No.	NAMES.	WHEN ISSUED.	WHEN RETURNED.	OFFENCE.	PLEA.	DATE OF JUDGMENT.	AMOUNT OF JUDGMENT.	REMARKS.
1656	Regis Labelle	6th Oct., 1866	11th Oct., '66	Keeping a Wood Yard without having the same Inspected . . .	Guilty	11th Oct., '66	\$5 and costs, 7s. 6d. or 15 days imprisonm't.	Paid.
1766	Alexis Renaud	23rd Oct., "	30th Oct., "	Covering a Building with Shingles	Guilty	17th Nov., "	\$1.50 costs	Paid.
1780	Maurice McCarthy.	30th Oct., "	6th Nov., "	Wooden Building . . .	Not Guilty .	22nd Jan., '67	\$4 costs	Not Paid.
1786	Jacob H. Joseph . . .	2nd Novr., "	6th Nov., "	Laying down a hearth illegally	Guilty	7th Nov., '66	dismissed.	

ANNUAL REPORT
OF THE
CHIEF OF POLICE

FOR THE YEAR 1866.



PRINTED BY ORDER OF THE COUNCIL.

Office of the Chief of Police.

MONTREAL, JANUARY 1st. 1867.

GENTLEMEN,

In the report of the year 1866 there are some important statistics which should be well considered, so that means may be taken to meet the growing evils which they show to exist. Among these I would specially direct attention to the frightful increase of thieving by Boys; many of them being associated in gangs, apparently under a leader very little older than the others. A Considerable number of these gangs have been broken up, but with little apparent decrease in the number of thefts.

Coincident with this is the increase of unlicensed taverns, many of them being rendezvous of thieves and prostitutes and notorious characters. Besides those kept as regular (although unlicensed) taverns, there are places which may be more properly called sheebens-low drinking shops without the outward evidence afforded by the existence of a bar and therefore, more difficult of detection. There is very little doubt that the facility with which stolen articles can be disposed of by Boys, through these houses, by means of those who frequent them, is to a great extent the cause of much of the theft which goes on. It is very difficult to arrive at an estimate of the value of goods stolen by boys during the year, but it is far in excess of the amount that a proper system of repression would cost.

In my last report I recommended that the Sub Chiefs, instead of having their office in the Central Station as at present, should have proper accommodation provided for them in the Districts under their superintendence and should live there. Coupled with this was the recommendation to appoint a Detective to each Station, making four instead of two; although I think there ought to be six Detectives. These recommendations I regret, to say, have not as yet, been carried into effect. Had such an arrangement been made, and were a special staff established, whose business it would be to exercise constant supervision over taverns of all kinds, and to detect infringements of the license laws, not only would there be no increased charge to the city, but on the contrary, I feel convinced there would be an actual increase of revenue, while

at the same time by the breaking up of nests of vice, the private property of the Citizens would, to a large extent, be saved from depredation.

I would call the attention of your Committee to the increased number of licensed taverns, so much in excess of the number required by the natural growth of the City. Many of these taverns are kept by persons convicted for breach of the law and reported to the License Committee as unfit to obtain certificates, these houses being known to the Police as the resort for gamblers, thieves and prostitutes. In consequence of the facility of obtaining licenses by men of notoriously bad character, the number of taverns open and Selling liquor on sundays, is double that of last year. It is impossible for the Police to have proper control over these houses, unless their efforts are seconded by the Corporation Committee, and I would respectfully ask your earnest attention to this subject.

It will be seen by the statistics appended to this report, that the number of persons brought before the Recorder's Court is 605 more last year than in 1865, and that a very large decrease took place in the number of those seeking shelter; 1837, less applications having been made last year than were made in the one previous: this decrease must be attributed to the shelter given in the Houses of Refuge in Dorchester street and St. Germain street, whose existence and benefit are becoming better known to those requiring such assistance, and should receive public support to enable them to relieve the distress so prevalent during the winter months. I would call your attention to the increase of the brutal and cowardly crime of wife beating, the number of these cases last year being double that of the preceding year. Some measure for increased severity of punishment would appear to be necessary. What shape it should assume, I am not however, at the present moment prepared to say. The change in the law by which those who are guilty of assault on the Police can be sent to jail for two months without the alternative of a fine, has acted beneficially; these assaults having very much decreased during the year.

The subject of Prostitution is the most difficult with which we have to deal. Public opinion seems to be opposed to any system of licencing or suppression by which the evil would be legalized and apparently sanctioned; nevertheless the evils caused by its existence are deplorable and a large proportion of the robberies by young men from their employers can be traced to this source. It would be necessary therefore to place in the hands of the Police the strongest means of repression that can be devised, so that if the scourge cannot be era-

dicated, it may be rendered as little hurtful as possible. It will be seen by the returns that the value of property recovered by the detectives last year is \$6,000 in excess of 1865.

The very unsatisfactory state of the Law of extradition, as contained in the Treaty between the British Government and the United States has repeatedly, during last year, been forced upon my notice, by the fact of criminals, against whom was obtained the clearest evidence of larceny and on whom in fact the stolen property was found, having escaped in consequence of the crimes of which they were guilty, not coming within the Treaty. These criminals have been able to set justice at defiance and to make terms with the parties robbed, for the sale to them of Bonds and other valuable documents. In some cases I have been able to obtain restitution, but with the more experienced thief this is impossible, and in this way a large amount of valuable property has been stolen from the States, and brought here, and from hence to the United States, with little risk to the robbers. Some change in the Law seems absolutely necessary to prevent Canada becoming a place of refuge for thieves and robbers from other countries.

Great complaints have been made regarding the state of the sidewalks in winter: the Police have done all in their power in connection with the City Surveyor, to enforce the By Law regulating the keeping of side-walks in order, but some defects appear to exist in the By Law, rendering it difficult to enforce. I would suggest that a small special Tax be levied on the house-holders in proportion to the extent of their frontage on the street, and that the side-walks should be kept in order by the Corporation; the work being then done in one uniform plan, the dangers now arising from the irregularities of the surface would be obviated.

The Central Station at Jacques-Cartier Square has last year been repaired and alterations were made, which have to some extent improved it. But it is by no means suitable for the purpose for which it is intended. It not unfrequently happens that insane people are brought in for their own protection, as well as to ensure the safety of others; for such cases there is no accommodation nor is there any room in which to hold inquests, which have consequently to be held in very unsuitable places; besides these exceptional cases there is no room for the daily work of the office; the one public room is the only place in which the Detectives can receive information in cases in which their services are required, and regarding which it is often necessary the greatest secrecy should be observed. The special duty men have no place in which to write their reports and the sub-chiefs have

no office, other than the Public one, in which to make the returns, and for their other duties.

The latter complaint would of course be removed by carrying out my recommendation of having each of the sub-chiefs resident in its own district, but I see no cure for the other but a complete remodelling of the Station or the building of a new one, in a more suitable and more healthy situation, which could be planned in a suitable manner for a Central Station.

In St. Charles Borromée street, a house has been rented for a Station which although not by any means suitable, was the best that could be obtained for the purpose. The new Station for the West End has been completed, it stands in rear of St. Gabriel Market, and will be found of great service for the Point St. Charles District.

The advance in the pay of the men, as I anticipated, enabled me to select from a better class of men to fill up vacancies as they occurred: no increase of pay has been made to the officers as I suggested in my last report, I would again beg to make the same recommendation.

The number of men on the pay list is 126: one chief, two sub-chiefs, one recording secretary, two detectives, four sergeants, eight acting sergeants, one orderly, one hostler and 106 sub-constables: this number is still insufficient, it should be 150 the number formerly recommended. During the year, 34 men have been discharged, a number having been dismissed by His Worship the Mayor, during the Fenian Excitement for having refused to take the oath of allegiance.

I feel much pleasure in testifying to the general good behaviour of all under my command, and to the feeling displayed in carrying out the duties which fall upon the force to perform.

I would also desire to acknowledge the cordial cooperation I have met with from the Chairman and the various Members of your committee and for the continued confidence I have enjoyed.

I have the honour to be,

Gentlemen,

Your Obt. Servt.,

W. F. L. PENTON,

Chief of Police.

STATISTICAL REPORT OF CRIMES &c., committed in the City of Montreal, Showing the number of offenders, apprehended by the City Police, from 1st. January to 31st. December 1866.

CRIMES.	M.	F.	Total.
Assault and Battery.....	276	29	305
Assaulting the Police.....	132	10	142
Arrested by Warrant (Recorder's Court).....	113	23	136
do do (other Court).....	11	7	51
Attempt to rescue a prisoner.....	2	.....	2
Attempt to murder.....	3	3	6
Attempt to steal.....	3	.....	3
Absenting from his vehicle.....	51	.....	51
Attempt to commit a rape.....	1	.....	1
Attempt to break into a house.....	4	.....	4
Attempt to stab.....	4	.....	4
Abandonning an infant.....	1	.....	1
Buying liquor on Sunday.....	4	4	8
Buying off Public Market.....	2	.....	2
Burglary.....	29	1	30
Bathing opposite the City.....	15	.....	15
Breach of trust.....	1	.....	1
Breaking Windows.....	29	13	42
Buying Military clothing.....	3	.....	3
Buying in the Market before the time.....	1	.....	1
Bigamy.....	1	.....	1
Careless driving.....	17	2	19
Cruelty to animals.....	25	.....	25
Committing nuisance.....	16	.....	16
Cording wood without licence.....	3	.....	3
Carrying fire arms.....	4	.....	4
Coining bad money.....	12	1	13
Carrying his number contrary to law.....	2	.....	2
Drunk.....	3338	1037	4375
Drunk and disorderly.....	284	106	390
Disturbing the Peace.....	378	165	543
Driving without licence.....	66	2	68
Driving without number.....	140	.....	140
Driving with a false number.....	62	.....	62
Driving without a pocket number.....	26	.....	26
Depositing nuisance in the street.....	36	.....	36
Delirium Tremens.....	14	2	16
Damaging property.....	3	.....	3
Driving without bells.....	42	.....	42
Driving a traineau.....	22	.....	22
Destroying property.....	7	.....	7
Drawing a loaded pistol.....	1	.....	1
Disorderly in a disorderly house.....	39	25	64
Deserter.....	9	.....	9
Driving in Winter time a wheel cart contrary to law.....	7	.....	7
Discharging fire arms.....	5	.....	5

Exposing the person.....	12	25	37
Escaped prisoner	3		3
Escaped convict	1		1
Enticing soldiers to desert.....	2	1	3
Exciting the Crowd	1		1
Fruit shop open on Sunday	5		5
Fighting	132	25	177
Furious driving	78		58
Fenianism.....	8		8
Forgery.....	7		7
Found in a house of illfame.....	60		60
Firing crackers.....	4		4
Grievous assault.....	2		2
Gambling.....	15		15
Groceries open on Sunday.....	1		1
House breaking.....	12		12
Having in his possession soldiers necessities.....	6		6
Highway robbery.....	7		8
Indecent assault.....	8		8
Insanity	8	5	13
Interfering with the police.....	49	2	51
Insulting language.....	81	2	83
Impeding and incommoding.....	64		64
Indecent conduct.....	1		1
Insulting the police.....	26	7	33
Inmates of houses of illfame.....		115	115
Keeping a house of illfame.....	3	28	31
Keeping a disorderly house.....	4	3	7
Keeping a music saloon.....	2	1	3
Larceny.....	406	123	529
Loitering.....	165	489	654
Loitering off the stand.....	55		55
Masters employing carters without having a personal number.....	8		8
Not complying with market regulations.....	2		2
Obtaining money under false pretences.....	13	1	14
Obtaining goods under false pretences.....	2		2
Obstructing the street.....	1		1
Overcharging the tariff.....	1		1
Protection.....	782	1015	1797
Passing bad money	3		3
Picking pockets.....	9	1	10
Passing liquor to prisoners.....		3	3
Receiving stolen money	3		3
Receiving stolen goods.....	29	14	43
Resisting the police.....	21		21
Request to be committed.....	13	19	32
Refusing to pay his carter.....	96	3	99
Rescuing a prisoner.....	17	2	19
Refusing admittance to the police.....	5	1	6
Refusing to pay the market fees.....	2		2
Refusing to give his number.....	2		2
Stealing a drive.....	10		10
Suspicion of murder.....	2		2
do of arson.....		2	2
do of larceny.....	122	24	146
Selling potatoes without licence.....	24		24

Selling liquor without licence.....	28	13	41
Sliding and skating in the street.....	4	.....	4
Selling liquor on sunday.....	11	2	13
Selling off the market.....	9	1	10
Selling putrid meat off the market.....	1	.....	1
Shop lifting.....	5	.....	6
Selling fish in the street.....	2	.....	2
Suspicion of burglary.....	3	.....	3
Selling fresh meat in shops.....	1	.....	1
Stabbing	5	.....	5
Taverns open on sunday.....	79	12	91
Taverns open after hours.....	24	1	25
Throwing stones.....	32	.....	32
Tippling.....	11	.....	11
Threatening language.....	2	.....	2
Throwing snow balls.....	8	.....	8
Wife beating.....	76	.....	76
Vagrancy.....	54	175	229
Witness [detained as]	4	.....	4
Total,	8031	3547	115,78

TRADE AND OCCUPATION OF PRISONERS arrested during the year
1866. -

	Total.		Total.
1 Advocates.....	18	50 Coffin-maker.....	1
2 Agents.....	8	51 Carder.....	2
3 Artists.....	5	52 Carriage Trimmer.....	2
4 Architects.....	10	53 Cadets.....	4
5 Axe Makers.....	8	54 Doctor.....	8
6 Apprentices.....	48	55 Dyer.....	18
7 Black-smiths.....	94	56 Droguist.....	5
8 Bakers.....	67	57 Designer.....	1
9 Butchers.....	55	58 Dentist.....	3
10 Beer driver.....	31	59 Driver.....	10
11 Boiler maker.....	12	60 Engraver.....	26
12 Bar-keeper.....	15	61 Engineer.....	24
13 Book-keeper.....	23	62 Engin Driver.....	12
14 Beggar.....	17	63 Farmer.....	435
15 Brass-finisher.....	18	64 Firemen.....	17
16 Brick layer.....	41	65 Farrier.....	12
17 Bailiff.....	20	66 Furrier.....	18
18 Barber.....	21	67 Finisher.....	29
19 Brewer.....	13	68 Fittler.....	15
20 Brakesman.....	7	69 Foreman.....	20
21 Basket maker.....	4	70 Groom.....	16
22 Brush-maker.....	17	71 Gardener.....	107
23 Boatman.....	11	72 Grocer.....	79
24 Book-binder.....	21	73 Gentleman.....	99
25 Broker.....	2	74 Gun-maker.....	3
26 Brickmaker.....	24	75 Gilder.....	7
27 Bellow-maker.....	4	76 Gas-fitter.....	28
28 Broom-maker.....	7	77 Glassmaker.....	2
29 Boarding-House-keeper.....	13	78 Hotel keeper.....	35
30 Billard keeper.....	2	79 Hatter.....	25
31 Carter.....	891	80 Huckster.....	15
32 Clerk.....	181	81 Horse dealer.....	15
33 Carpenter.....	106	82 Iron monger.....	3
34 Custom house Officer.....	1	83 Jobber.....	4
35 Chimist.....	4	84 Jewler.....	17
36 Copper-smith.....	23	85 Joiner.....	108
37 Cabinet-maker.....	37	86 Japaneer.....	4
38 Currier.....	6	87 Labourer.....	1227
39 Cooper.....	30	88 Lather.....	2
40 Carriage-maker.....	23	89 Law student.....	14
41 Contractor.....	14	90 Laundress.....	3
42 Cook.....	25	91 Lumberer.....	14
43 Cigar-maker.....	22	92 Leadmaker.....	2
44 Carver.....	9	93 Merchant.....	81
45 Confectioner.....	15	94 Milkman.....	134
46 Chandler.....	14	95 Moulder.....	37
47 Clock-repairer.....	7	96 Miller.....	11
48 Cuttler.....	8	97 Musician.....	10
49 Collector.....	7	98 Machinist.....	26

TRADE AND OCCUPATION OF PRISONERS arrested during the year
1866, (Continuation.)

	Total.		Total
99 Mason.....	130	142 Sailor.....	35
100 Marble cutter.....	22	143 Sawyer.....	19
101 Medical Student.....	14	144 Seamstress.....	10
102 Manufacturer.....	14	145 Schoolmaster.....	7
103 Messenger.....	12	146 Surgeon.....	3
104 Millwright.....	10	147 Scalemaker.....	1
105 Miner.....	17	148 Spicemaker.....	1
106 Milliner.....	18	149 Student.....	21
107 Marble polisher.....	6	150 Storeman.....	27
108 Manager.....	12	151 Soldier.....	67
109 No occupation.....	2784	152 Stivadore.....	3
110 Notary.....	10	153 Surveyor.....	2
111 News boy.....	54	154 Saw maker.....	11
112 Navigator.....	12	155 Silver smith.....	6
113 Officer of army.....	11	156 Spinner.....	3
114 Prostitute.....	776	157 Soapmaker.....	6
115 Painter.....	65	158 Salesman.....	20
116 Porter.....	10	159 Sailmaker.....	5
117 Peddler.....	21	160 Ship builder.....	6
118 Printer.....	69	161 Twister.....	2
119 Plumber.....	25	162 Trader.....	92
120 Perfumor.....	4	163 Tailor.....	102
121 Pianist.....	2	164 Tavern keeper.....	179
122 Plane maker.....	6	165 Tinsmith.....	59
123 Plasterer.....	47	166 Traveller.....	7
124 Pawn-broker.....	3	167 Turner.....	11
125 Pensioner.....	25	168 Tile cutter.....	2
126 Paper hanger.....	9	169 Trunk maker.....	8
127 Pipe maker.....	27	170 Tobacconist.....	10
128 Polisher.....	12	171 Tanner.....	54
129 Pilot.....	6	172 Upholstrer.....	6
130 Puddler.....	2	173 Umbrella maker.....	7
131 Piano maker.....	1	174 Volunteer.....	40
132 Quarryman.....	8	175 Vagrant.....	483
133 Raggman.....	16	176 Vetaryinary Surgeon.....	3
134 Rope maker.....	13	177 Washer woman.....	8
135 Roofer.....	22	178 Watch maker.....	29
136 Raftsman.....	18	179 Wire-worker.....	12
137 Railroad conductor.....	4	180 Wood dealer.....	9
138 Shoemaker.....	188	181 White washer.....	9
139 Servant.....	174	182 Working Jewler.....	2
140 Stone cutter.....	104	183 Waiter.....	15
141 Saddler.....	34	184 Wearrer.....	10
Total.....		11,578	

**Monthly Statement of PRISONERS CONFINED in the different Stations
during the year 1866.**

MONTHS.	Males.	Females.	Total
January	578	193	771
February	494	189	683
March	526	224	750
April	591	333	924
May	642	351	993
June	783	333	1116
July	767	338	1105
August	744	281	1025
September	800	391	1191
October	815	355	1170
November	698	317	1015
December	593	242	835
Total of Prisoners tried before the different Courts	8031	3547	11578

**Prisoners arrested by the City Police and tried before the Courts of Queen's
Bench, Quarter Sessions and Judge of the Sessions of the Peace, dur-
ing the year 1866.**

January	75
February	58
March	67
April	95
May	80
June	91
July	92
August	79
September	75
October	80
November	74
December	72
Total	938

NATIONALITIES of PERSONS CONFINED in the Police Stations during the year 1866.

MONTHS.	Irish.	Canadian.	English.	Scotch.	British Canadian.	Other Countries.	Total.
January	375	194	85	29	47	38	771
February	239	180	76	28	31	29	683
March	320	216	79	64	36	35	750
April	353	298	101	59	72	41	924
May	401	263	83	46	119	81	993
June	498	298	90	42	120	68	1116
July	492	300	84	45	119	62	1105
August	463	286	83	47	121	25	1025
September	501	317	103	49	136	85	1191
October	484	316	106	53	140	68	1170
November	415	233	83	46	131	57	1015
December	354	261	71	37	83	29	835
Total	4998	3215	1047	545	1155	618	11578

Money found in possession of Prisoners, and returned to them during the year 1866.

January	\$669 75
February	811 18
March	942 50
April	901 87
May	9463 85
June	3552 15
July	1106 10
August	1965 50
September	892 50
October	3783 49
November	817 43
December	911 28
Total	25817 60

Fires at which th Police attended during the year 1866.

Private Dwellings	32
Stores	14
Shops	9
Factories	6
Barracks	4
Railroad Depot	1
Breweries	1
Sheds	5
Stables	3
Hay lofts	1
Tanneries	1

Value of Stolen Property and moneys recovered by the Police, and restored to the owners during the year 1866.

January.....	\$910 34
February.....	843 73
March.....	1011 19
April.....	1853 46
May.....	9765 15
June.....	4160 98
July.....	3917 36
August.....	8857 19
September.....	4003 37
October.....	4235 62
November.....	1873 83
December.....	2003 36

Total.....\$38435 44

Number of ANIMALS and VEHICLES impounded during the year 1866.

Month.	Horses.	Cows.	Sheeps.	Pigs.	Vehicles.
January.....	16	.	.	..	16
February.....	4	..	..	4	4
March.....	5	..	..	..	3
April.....	7	..	..	..	2
May.....	8	..	..	..	8
June.....	12	1	..	1	11
July.....	4	14	..	..	4
August.....	6	2	..	4	5
September.....	8	4	..	..	8
October.....	9	8	..	..	9
November.....	12	7	..	..	12
December.....	12	4	..	..	12
Total.....	103	40	0	9	94

Bread confiscated by the City Police for Light Weigh, from the Bakers of Montreal, and distributed amongst Charitable Institutions.

Number of Small Loafs..... 670

Alarms of Fires given by the Police during the year 1866....69
Stores, Stalls and Private Dwellings found open by the
Police during night time..... 96

LICENSED AND UNLICENSED TAVERNS IN THE CITY OF
MONTREAL.

WARDS.	Licensed Taverns.	Unlicensed Taverns.
East Ward.....	43	14
West Ward	25	6
Centre Ward	26	4
St. Ann's Ward.....	53	91
St. Antoine Ward.....	43	34
St. Lawrence Ward.....	52	25
St. Lewis Ward.....	33	13
St. James Ward	44	17
St. Mary Ward	35	37
Total	354	247
In 1865.....	326	215
Difference for 1866, more	28	32

HOUSES of ILL-FAME in the City of Montreal in 1866.

Number of House..... 75

NATIONNALITIES OF INMATES.

English.....	26
Scotch	8
Irish	89
Canadian	184
American.....	38
Total.....	355

Eight of these houses are kept by men, the remainder by women.

These HOUSES are located in the City as follows :

East Ward.....	5
Centre.....	1
St. James.....	24
St. Mary.....	2
St. Lewis	26
St. Lawrence	8
St. Ann's	6
St. Antoine	00
West.....	3
Total.....	75

A part from this there are 175 Street walkers, who have no place of residence, and 83 kept women, showing a Total of 613 prostitutes for the City of Montreal.

**LICENSES issued by the Chief of Police to Carters and others from 1st.
January to 31st December 1866.**

HACKNEY CARRIAGES.		\$	c	\$	c
1 Calèches		74	00		
2 4 Wheel carriages, one horse		3653	00		
3 do do two horses		536	25		
4 Omnibus or stage coach		340	00		
				4603	25
CARTS TRUCKS WAGGONS.					
1st. CLASS.					
5 Carts and Trucks		6307	00		
6 4 wheel waggon one horse		610	00		
7 do do two horses		78	50		
8 Diabls		155	25		
				7151	25
2nd. CLASS.					
9 Carts and Trucks		2431	75		
10 4 wheel waggons one horse		1526	62		
11 do do two horses		"	"		
12 Float carrying over 4000 lbs		16	75		
				3975	
3rd. CLASS.					
13 Carts and Trucks		126	75		
14 4 wheel vehicle one horse		1505	50		
15 do do two horses		119	75		
16 Farmers and gardeners		240	00		
				1992	00
Pocket numbers		46	00		
Licenses for cording wood		20	00		
				66	00
				\$17787	62
Amount collected in 1865				17768	25
Balance in favor of 1866				19	37

R E P O R T
OF
PENAL AND CIVIL PROSECUTIONS
AND COMPLAINTS,
DISP SED OF BEFORE THE
RECORDER'S COURT
FOR THE
YEAR 1866,
AS WELL AS
AMOUNT OF FINES, &c., RECEIVED THEREON.

MONTREAL :
M. LONGMOORE & CO., PRINTERS, 67 GREAT ST. JAMES STREET.
1867.

OFFICE OF THE CLERK OF THE RECORDER'S COURT,
26th January, 1867.

To WILLIAM RODDEN, Esquire,
Chairman of the Police Committee :

SIR,—I have compiled a Report of Prosecutions, before the Recorder's Court, for 1866, which I take leave to present to the Committee.

On comparing it with that of 1865, there will be found some matters worthy of notice, as regards the nature of the offences prosecuted for, the number thereof, and incidental convictions, committals and discharges. In 1865, 8,508 were prosecuted ; in 1866, 9,175 ; increase, 667. Out of 9,175 prosecutions 7,236 were convicted, being 290 over 1865.

Notwithstanding this increase of prosecutions and consequent convictions in 1866, there has been a decrease of committals to the extent of 287 as compared with 1865, a disproportion which can be accounted for only by a greater capacity in prisoners to pay their fines. Discharges were, in 1865, compared to the number prosecuted, as 1 to 6·50 ; in 1866, 1 to 5·513 ; all which can be verified by the following recapitulation :

1865.		1866.	
Prosecutions.	8,508	Prosecutions,	9,175
Convictions,	6,946	Convictions,	7,236
Committals,	3,455	Committals,	3,158
Discharges,	1,307	Discharges,	1,664

The revenue of this department for this year is \$13,503.50 to \$9,304.17 in 1865 ; increase, \$4,199.33. The above comparative recapitulation will not of itself account for this increase, and it can only be traced to the increase of convictions for offences carrying heavier fines in 1866, over those of 1865. These offences are chiefly selling spirituous liquor without license, of which there were 68 prosecutions in 1866 to 12 in 1865 ; taverns open on Sunday, for which prosecutions were 117 in 1866 to 76 in 1865 ; keeping houses of ill-fame, for which there were 42 prosecutions in 1866 to 22 in 1865. For the first offence the

fine is \$50 fixed, so that 60 convictions, if the penalties were paid, and they usually are, would produce \$3,000. The fines for the second offence run from \$10 to \$20, always paid; and for the last offence the fines run according to circumstances of aggravation, from \$25 to \$50, generally paid. The convictions for the first offence are trifling to what could be obtained if a permanent staff of detectives could be had to watch and lodge complaints; and the whole expense of police could easily be defrayed by the fines arising from such convictions, which might be multiplied tenfold without any difficulty—convictions which would have the incalculable advantage of cutting at the root of intemperance and thus do away with the perpetual clipping of the offshoots—and which would, with propriety, fall upon a class who are the chief cause of the necessity of police, and who ought to contribute in this way in due proportion to the burden of its maintenance.

Prosecutions for nuisances, or permitting such, were 459 in 1866 to 305 in 1865; increase, 154, due to the cholera panic of last spring. I rely on the testimony of medical men for the belief that the public health has thus been materially subserved. I would respectfully suggest that as nearly an equal number will have to be commenced next spring, to secure the like advantage for the approaching summer, the same efficient means as last spring should be employed, and vigorously carried out hereafter, as a general rule, without regard to impending epidemics.

Respectfully submitted,

H. J. IBBOTSON,
Clerk of Recorder's Court.

REPORT.

PENAL PROSECUTIONS.

1.—Of persons arrested on view of the commission of offences by Constables and tried by Information or Complaint, the said offences consisting primarily of drunkenness, and secondarily of infraction of the public peace or public order, under Consolidated Statutes of Lower Canada, chapter 102, and of 23 Victoria, chapter 72, during the year 1866.....	6,897
Of whom were convicted.....	5,801
were discharged.....	1,084
Not proceeded against after complaint. 12	
	6897
Of the foregoing were committed.....	2846

THE WHOLE IN THE FOLLOWING ORDER:

	CONVICTED.	COMMITTED.	DISCHARGED.
January.....	379	223	55
February.....	327	185	55
March.....	382	222	66
April.....	363	219	91
May.....	467	261	86
June.....	539	285	106
July.....	548	264	120
August.....	541	254	104
September.....	545	256	144
October.....	718	318	99
November.....	548	254	95
December.....	444	206	63
Total.....	5801	2846	1084

- 2.—Of persons tried by Summons or information, or arrested by warrant, for infraction of City By-Laws or Statutes, and for divers special offences.....2,278

BEING FOR THE MOST PART FOR THE FOLLOWING
OFFENCES, TO WIT :

Aggravated assault and battery.....	10
Carrying offensive weapons.....	3
Common assault and battery.....	398
Assaults on or resisting Police.....	129
Assaulting Bailiffs in the execution of their duty.....	2
Refusing to allow constables to enter taverns..	7
Taverns and dram-shops open on the Lord's Day, or after hours.....	117
Selling and purchasing liquor on Lord's Day..	18
Selling liquor without license.....	68
Keeping musical saloons.....	3
Keeping open fruit shops and groceries on Lord's Day	15
Carters, traders and others driving vehicles without license or numbers.....	281
Carters refusing employment.....	1
Carters absent from their vehicles, loitering about, or being off the stands unemployed	97
Carters and others driving faster than a moder- ate trot.....	85
Persons ill-using horses, cattle, &c.....	25
Persons refusing to pay carters their fares....	16
Driving without bells.....	43
Allowing a horse to go without a driver.....	1
Carters placing a number wrongly on horses....	3

Carters employing drivers not licensed.....	20
Persons using wheeled carriages in winter....	4
Using trains contrary to Consolidated Statutes of Lower Canada, chapter 31.....	22
Carters carrying corpses in public vehicles....	1
Persons guilty of disorderly conduct on markets, or refusing to obey orders of Clerks thereof	25
Persons selling or exposing for sale fresh provi- sions, vegetables, &c., off public markets	43
Persons encumbering markets.....	2
Butchers having unclean stalls.....	1
Persons selling unwholesome fish on markets..	3
Hucksters buying on markets before 11 a. m..	1
Persons buying grain off markets.....	1
Buying fish off markets.....	1
Persons selling or purchasing cattle off markets	2
Persons encumbering streets.....	19
Sliding on streets.. ..	1
Excavating streets.....	5
Injuring sidewalks.....	2
Neglecting to enclose an excavation.....	1
Neglecting to fence vacant lots.....	4
Persons neglecting to cut down snow and ice on sidewalks	20
Neglecting to remove snow from the roofs of houses	10
Removing same after 9 a. m.....	1
Dirty premises.....	310
Committing nuisances or permitting such.....	136
Keeping slaughter-houses in an unclean state..	4
Using hand-hose without permission	4
Persons bathing opposite city limits.....	6
Persons erecting wooden buildings.....	1
Covering buildi gs with shingles.....	1

Erecting buildings without notice to City Surveyor	1
Neglecting to construct privies to houses.....	9
Discharging fire arms in City limits.....	3
Persons constructing hearths in houses not in accordance with By-Law.....	1
Wasting water of Montreal Water Works....	12
Tenants allowing water to be taken from their premises without permission of Water Works	1
Persons keeping houses of ill-fame.....	42
Inmates of same.....	73
Frequenters of same.....	12
Keeping disorderly houses.....	5
Persons gambling.....	14
Persons keeping wood-yards without having the same inspected by Inspector of Buildings	1
Persons cording wood without license.....	6
Using a powder magazine without license....	1
Persons carrying on business of horse dealer without license.....	1
Selling raw-hides without having the same inspected	3
Selling unwholesome bread.....	1
Sellers of hay using vehicles falsely stamped ..	1
Persons using threatening language and bound over to keep the Peace.....	2
Persons committed for contempt of Court.....	4
Of whom were convicted	1,435
Were committed.....	312
Were discharged.....	580
Complaints settled, discontinued or not proceeded with	263

THE WHOLE DISPOSED OF IN THE FOLLOWING ORDER :

	CONVICTED.	COMMITTED.	DISCHARGED.
January.....	141	30	51
February	125	44	46
March	57	20	14
April.....	121	27	31
May	186	8	40
June	132	33	50
July	156	36	50
August.....	146	23	67
September	105	27	17
October.....	108	19	36
November	75	20	32
December	83	25	46
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	1435	312	580

Total of Prosecutions under 1st and 2nd heads	9,175
“ of Convictions.....	7,236
“ of Committals	3,158
“ of Discharges	1,664

CIVIL PROSECUTIONS.

Number of Warrants issued against persons for non-payment of assessments, duties, taxes, or water rates.....	3,507
Number of Actions issued for special City dues, wages of servants, &c.....	310
Total of Prosecutions, civil and penal.....	12,992
Total of Prosecutions, civil and penal, during 1855 (first Report compiled)	7,026

Amount of fines and costs received on convictions for offences.	\$12,465 89
Amount of Costs received by City Treasurer on As- sessments, &c.....	658 61
Supplementary Return of Keeper of Com- mon Gaol, being fines received by him on behalf of the Corporation for the quarter ending 31st Dec., . 1866.....	\$379 00
Total income of Recorder's Court.....	\$13,503 50
Exclusive of fines and costs remitted.	
Total income 1865	\$ 9,304 17
Increase in 1866	4,199 33

(Certified,)

H. J. IBBOTSON,
Clerk of Recorder's Court.

MONTREAL, January, 1867.

