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| | | In Sessional paper No. 4, Report, Returns and Statistics ... 30 th June, 1888, page xliii is incorrectly numbered page xlii. |
| | | In Sessional paper No. 4, Financial returns, 1887-88, page 295 is incorrectly numbered page 25. |
| | | In Sessional paper No. 4A, Supplement No. 1 to the Inland Revenue report ... 30 th June, 1888, page xliii is incorrectly numbered page xii. |
| | | In Sessional paper No. 4A, Canal statistics ... 1888, page 56 is incorrectly numbered page 5. |
| | | In Sessional paper No. 40C, Report on Adulteration of Food ... 1888, page 112 is incorrectly numbered page 12. |

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VOLUME 4.

THIRD SESSION OF THE SIXTH PARLIAMENT

OF THE

DOMINION OF CANADA.

SESSION 1889.



VOLUME XXII.

Printed by BROWN CHAMBERLIN Printer to the Queen's Most Excellent Majesty.

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- A.** Report of the Royal Commission on the relations of Capital and Labor in Canada, together with the evidence adduced in the different provinces. Presented to the House of Commons, 16th April, 1889, by Hon. M. Bowell..... *Printed for Distribution only.*

CONTENTS OF VOLUME No. 1.

- 1.** Tables of the Trade and Navigation of the Dominion of Canada, for the fiscal year ended 30th June, 1888. Presented to the House of Commons, 1st February, 1889, by Hon. M. Bowell—
Printed for both Distribution and Sessional Papers.

CONTENTS OF VOLUME No. 2.

- 2.** Public Accounts of Canada, for the fiscal year ended 30th June, 1888 ; presented to the House of Commons, 1st February, 1889, by Hon. G. E. Foster. Estimates for the fiscal year ending 30th June, 1890 ; presented 8th February, 1889. Supplementary Estimates of Canada, for the fiscal year ending 30th June, 1889 ; presented 4th April, 1889. Supplementary Estimates of Canada, for the fiscal year ending 30th June, 1890 ; presented 23rd April, 1889. Additional Supplementary Estimates, for the year ending 30th June, 1890 ; presented 27th April, 1889—
Printed for both Distribution and Sessional Papers.

CONTENTS OF VOLUME No. 3.

- 3.** Report of the Auditor General on Appropriation Accounts, for the year ended 30th June, 1888. Presented to the House of Commons, 4th February, 1889, by Hon. G. E. Foster—
Printed for both Distribution and Sessional Papers.

CONTENTS OF VOLUME No. 4.

- 4.** Report, Returns and Statistics of the Inland Revenues of the Dominion of Canada, for the fiscal year ended 30th June, 1888. Presented to the House of Commons, 1st February, 1889, by Hon. J. Costigan..... *Printed for both Distribution and Sessional Papers.*
- 4a.** Canal Statistics for Season of Navigation, 1887, being Supplement No. 1 to the Inland Revenue Report, for the year ended 30th June, 1888—
Printed for both Distribution and Sessional Papers.
- 4b.** Fourteenth Report on Inspection of Weights, Measures and Gas, being Supplement No. 2 to the Report of the Department of Inland Revenue, 1888. Presented to the House of Commons, 19th March, 1889, by Hon. J. Costigan..... *Printed for both Distribution and Sessional Papers.*
- 4c.** Report on Adulteration of Food, being Supplement No. 3 to the Report of the Department of Inland Revenue, 1888. Presented to the House of Commons, 30th April, 1889, by Hon. M. Bowell..... *Printed for both Distribution and Sessional Papers.*

CONTENTS OF VOLUME No. 5.

5. Report of the Minister of Agriculture for the Dominion of Canada, for the calendar year 1888. Presented to the House of Commons, 15th February, 1889, by Hon. J. Carling—
Printed for both Distribution and Sessional Papers.
- 5a. Report on Canadian Archives, 1888. Presented to the House of Commons, 21st March, 1889, by Hon. J. Carling.....*Printed for both Distribution and Sessional Papers.*

CONTENTS OF VOLUME No. 6.

- 5b. Reports of the Director and Officers of the Experimental Farms, for the year 1888. Presented to the House of Commons, 21st March, 1889, by Hon. J. Carling—
Printed for both Distribution and Sessional Papers.
- 5c. Criminal Statistics for the year 1887. Presented to the House of Commons, 1st May, 1889, by Hon. J. Carling.....*Printed for both Distribution and Sessional Papers.*
- 5j. Report of the High Commissioner for Canada, with Reports from Agents in the United Kingdom, for the year 1888. Presented to the House of Commons, 21st March, 1889, by Hon. J. Carling—
Printed for both Distribution and Sessional Papers.
- 5e. Abstracts of the Returns of Mortuary Statistics for the year 1888—
Printed for both Distribution and Sessional Papers.

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6. Report of the Secretary of State of Canada for the year ended 31st December, 1888. Presented to the House of Commons, 11th February, 1889, by Sir Hector Langevin—
Printed for both Distribution and Sessional Papers.
- 6a. Report of the Board of Examiners for the Civil Service of Canada, for the year ended 31st December, 1888. Presented to the House of Commons, 21st March, 1889, by Sir Hector Langevin.....*Printed for both Distribution and Sessional Papers.*
- 6b. The Civil Service List of Canada, 1888. Presented to the House of Commons, 3rd April, 1889, by Sir Hector Langevin.....*Printed for both Distribution and Sessional Papers.*
- 6c. Report of the Department of Public Printing and Stationery for the Dominion of Canada, for year ending 30th June, 1888. Presented to the House of Commons, 27th February, 1889, by Hon. M. Bowell.....*Printed for both Distribution and Sessional Papers.*

CONTENTS OF VOLUME No. 8.

7. Twenty-first Annual Report of the Department of Marine, for the fiscal year ended 30th June, 1888. Presented to the House of Commons, 1st February, 1889, by Hon. C. H. Tupper—
Printed for both Distribution and Sessional Papers.
- 7a. Report of the Chairman of the Board of Steamboat Inspection, for calendar year ended 31st December, 1888.....*Printed for both Distribution and Sessional Papers.*
8. Annual Report of the Department of Fisheries, for the year 1888. Presented to the House of Commons, 11th April, 1889, by Hon. C. H. Tupper—
Printed for both Distribution and Sessional Papers.
- 8a. Report on the Fisheries Protection Service of Canada, 1888. Presented to the House of Commons, 4th March, 1889, by Hon. C. H. Tupper—
Printed for both Distribution and Sessional Papers.

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9. Annual Report of the Minister of Public Works of Canada, for the fiscal year 1887-88, on the works under his control. Presented to the House of Commons, 1st February, 1889, by Sir Hector Langevin.....*Printed for both Distribution and Sessional Papers.*
10. Annual Report of the Minister of Railways and Canals, for the past fiscal year, from the 1st July, 1887, to the 30th June, 1888, on the works under his control. Presented to the House of Commons, 21st February, 1889, by Sir John A. Macdonald—
Printed for both Distribution and Sessional Papers.

- 10a.** Reports, Railway Statistics of Canada, and Capital, Traffic and Working Expenditure of the Railways of the Dominion, 1888. Presented to the House of Commons, 17th April, 1889, by Sir John A. Macdonald.....*Printed for both Distribution and Sessional Papers.*

CONTENTS OF VOLUME No. 10.

- 11a.** Report of the Superintendent of Insurance, for the year ended 31st December, 1888—
Printed for both Distribution and Sessional Papers.
- 11a.** Preliminary Abstract of the business of Canadian Life Insurance Companies for the year ending 31st December, 1888. Presented to the House of Commons, 4th February, 1889, by Hon. G. E. Foster.....*Printed for both Distribution and Sessional Papers.*
- 11b.** Abstracts of Statements of Insurance Companies in Canada for year ending 31st December, 1888. Presented to the House of Commons, 26th April, 1889, by Hon. G. E. Foster—
Printed for both Distribution and Sessional Papers.

CONTENTS OF VOLUME No. 11.

- 12.** Report of the Minister of Justice as to Penitentiaries in Canada, for the year ended 30th June, 1888. Presented to the House of Commons, 18th February, 1889, by Sir John Thompson—
Printed for both Distribution and Sessional Papers.
- 12a.** Copies of the several tenders sent in for supplies for the Manitoba Penitentiary during the fiscal year 1887-88, with correspondence in relation thereto. Presented to the House of Commons, 25th February, 1889, by Sir John Thompson.....*Not printed.*
- 13.** Annual Report of the Department of Militia and Defence of the Dominion of Canada, for the year ended 31st December, 1888. Presented to the House of Commons, 4th February, 1889, by Sir Adolphe Caron.....*Printed for both Distribution and Sessional Papers.*

CONTENTS OF VOLUME No. 12.

- 14.** Report of the Postmaster General for the year ended 30th June, 1888. Presented to the House of Commons, 5th February, 1889, by Hon. J. G. Haggart—
Printed for both Distribution and Sessional Papers.
- 15.** Annual Report of the Department of the Interior, for the year 1888. Presented to the House of Commons, 27th February, 1889, by Hon. E. Dewdney—
Printed for both Distribution and Sessional Papers.
- 15a.** Summary of Reports on the London, Crofter, Scandinavian, Hungarian, Church, German and Icelandic Colonies. Presented to the House of Commons, 30th April, 1889, by Hon. E. Dewdney*Printed for both Distribution and Sessional Papers.*

CONTENTS OF VOLUME No. 13.

- 16.** Annual Report of the Department of Indian Affairs for the year ended 31st December, 1888. Presented to the House of Commons, 7th February, 1889, by Hon. E. Dewdney—
Printed for both Distribution and Sessional Papers.
- 17.** Report of the Commissioner of the North-West Mounted Police Force, 1888. Presented to the House of Commons, 18th February, 1889, by Sir John A. Macdonald—
Printed for both Distribution and Sessional Papers.

CONTENTS OF VOLUME No. 14.

- 18.** List of Shareholders in the Chartered Banks of the Dominion of Canada, as on the 31st December, 1888. Presented to the House of Commons, 27th February, 1889, by Sir John A. Macdonald*Printed for both Distribution and Sessional Papers.*
- 19.** Report of the Joint Librarians of Parliament on the state of the Library of Parliament. Presented to the House of Commons, 31st January, 1889, by Hon. Mr. Speaker—
Printed for Sessional Papers only.
- 20.** Report of Simeon Jones, Esq., Commissioner to South America, with respect to the Argentine Republic, Uruguay and Brazil. Presented to the House of Commons, 5th February, 1889, by Hon. G. E. Foster*Printed for both Distribution and Sessional Papers.*

21. Return to an Order of the House of Commons, dated 9th April, 1888, for a copy of report of engineers and surveyors appointed to survey the Straits of Northumberland from Carleton Point, Prince Edward Island, to Cape Jourimain, New Brunswick, during the summer of 1887, with the view of ascertaining the practicability of building a subway across the Straits. Presented to the House of Commons, 4th February, 1889.—*Mr. Perry*.....*Not printed.*
22. Return to an Order of the House of Commons, dated 7th May, 1888, for copies of all correspondence and telegrams between the Department of Railways and Messrs. Sims and Slater, contractors for the eastern section of the Cape Breton Railway, between the Grand Narrows and Sydney. Presented to the House of Commons, 4th February, 1889.—*Mr. Flynn*...*Not printed.*
- 22a. Return to an Order of the House of Commons, dated 9th April, 1888, for copies of all papers, documents, telegrams and correspondence in connection with the land grant to the Souris and Rocky Mountain Railway Company, or relating to the construction of said railway. Presented to the House of Commons, 4th February, 1889.—*Mr. Edgar*.....*Not printed.*
- 22b. Return to an Order of the House of Commons, dated 9th April, 1888, for copies of all papers, documents, telegrams and correspondence in connection with the land grant to the North-West Central Railway Company, or relating to the construction of the said railway. Presented to the House of Commons, 4th February, 1889.—*Mr. Edgar*.....*Not printed.*
- 22c. Return to an Order of the House of Commons, dated 9th April, 1888, for copies of all papers, documents, telegrams and correspondence as to the incorporation of the Great North-West Central Railway Company, or relating to any land grant thereto, or to the construction of the line of the said railway or any part thereof. Presented to the House of Commons, 4th February, 1889.—*Mr. Edgar*.....*Not printed.*
- 22d. Return to an Order of the House of Commons, dated 6th February, 1889, for copies of all petitions, reports and other documents in relation to the granting of subsidies by the Dominion Government, to the proposed line of railway from Montreal to Lévis, known as the Great Eastern. Presented to the House of Commons, 26th February, 1889.—*Mr. Rinfret*—*Not printed.*
- 22e. Return to an Order of the House of Commons, dated 6th February, 1889, for a Return showing :
1. A list of all the present shareholders of the Témiscouata Railway Company. 2. The number of shares held by each shareholder. 3. The amount paid by each of them on their respective shares. Presented to the House of Commons, 7th February, 1889.—*Mr. Dessaint*—*Not printed.*
- 22f. Return to an Order of the House of Commons, dated 13th February, 1889, for a Return of all correspondence between the Grand Trunk Railway authorities and the Government respecting the subsidy granted for the completion of the line of the Belleville and North Hastings Railway Company from the village of Madoc to Eldorado, in the North Riding of Hastings, and in reference to the work done towards the completion of such work and respecting the acceptance and opening up the same for traffic. Presented to the House of Commons, 8th March, 1889.—*Mr. Burdett*.....*Not printed.*
- 22g. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 11th March, 1889, for copies of an agreement of 14th December, 1885, between the Dominion Government and the International Railway Company, for the construction of a line of railway from the south bank of the St. Lawrence river, at or near Caughnawaga, to harbors of St. Andrews, St. John and Halifax, *via* Sherbrooke, Moosehead Lake, Mattawamkeag, Harvey, Fredericton, and through township of Salisbury to Moncton. Also for copies of any and all changes that may have been made in said agreement, and of the Orders in Council relating thereto. Also for copies of any and all transfers or assignments of said agreement or contract, and of all Orders in Council relating thereto. Presented to the House of Commons, 21st March, 1889.—*Mr. Kenny*.....*Printed for Distribution only.*
- 22h. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 1st April, 1889, for copies of all Orders in Council, correspondence, agreements and settlements, respecting the conveyance of the North Shore Railway to the Government by the Grand Trunk Railway Company, and by the Government to the Canadian Pacific Railway Company. Presented to the House of Commons, 12th April, 1889.—*Mr. Rinfret*...*Not printed.*
- 22i. Return to an Order of the House of Commons, dated 1st April, 1889, for: 1. Copies of the petition asking for the incorporation of the Témiscouata Railway Company. 2. Copies of all correspondence between the Government and this company respecting the granting of a subsidy or having reference to such subsidy. Presented to the House of Commons, 17th April, 1889.—*Mr. Dessaint*.....*Not printed.*

- 22j.** Return to an Order of the House of Commons, dated 1st April, 1889, for a Return of the survey made of the Annapolis and Liverpool Railway, with the report of the engineer, and all papers and correspondence connected therewith. Presented to the House of Commons, 22nd April, 1889.—*Mr. Jones (Halifax)*..... *Not printed.*
- 22k.** Return to an Order of the House of Commons, dated 11th April, 1889, for all papers, reports, returns and correspondence in reference to the condition of the railway subsidized by the Parliament of Canada, extending from the western end of the Derby Branch Railway to a connection with the Northern and Western Railway, in the county of Northumberland, New Brunswick; also all correspondence, &c., had between the Government, or any of its officers, and the proprietors of the said railway, with the object of opening it up and running trains thereon. Presented to the House of Commons, 25th April, 1889.—*Mr. Mitchell*.... *Not printed.*
- 22l.** Return to an Address of the House of Commons, to His Excellency the Governor General, dated 11th March, 1889, for copies of all correspondence between the Government and the Windsor and Annapolis and Western Counties Railway Companies relating to the consolidation, under Government control, of the railways of western Nova Scotia, together with copies of resolutions adopted by the Chamber of Commerce of Halifax, and the Fruit Growers' Association of Nova Scotia, referring to the same subject. Presented to the House of Commons, 25th April, 1889.—*Mr. Borden*..... *Not printed.*
- 22m.** Papers, correspondence, &c., respecting subsidies to certain railway companies, and towards the construction of certain railways, as follows:—St. Césaire to St. Paul d'Abbotsford Railway; Quebec and Murray Bay Railway; South Ontario Pacific Railway; Kingston, Smith's Falls and Ottawa Railway Company; Lake Témiscamingue Railway Company, Mattawa to foot of Long Sault; Shuswap and Lake Okanagan Railway; Chicoutimi Railway; St. Catharines and Niagara Central Railway Company; Grand Trunk, Georgian Bay and Lake Erie Railway Company; Hereford Railway Company; Quebec, Montmorency and Charlevoix Railway; Cornwallis Valley Railway Company; St. Clair Tunnel Company; Drummond County Railway; Pontiac and Renfrew Railway Company; Massawippi Junction Railway; Great Eastern Railway Company; Gananoque, Perth and James' Bay Railway Company, and Thousand Islands Railway Company; Brockville, Westport and Sault Ste. Marie Railway Company; Maskinongé and Lake Nipissing Railway; Napanee, Tamworth and Quebec Railway Company; Joggins Railway Company. Presented to the House of Commons, 29th April, 1889, by Sir John A. Macdonald..... *Printed for Sessional Papers only.*
- 22n.** Copy of the Prospectus of the Chignecto Marine Transport Railway Company, as published in the *London Times*, 19th March, 1889. Presented to the House of Commons, 30th April, 1889, by Hon. G. E. Foster..... *Not printed.*
- 23.** Return to an Order of the House of Commons, dated 16th April, 1888, for a Return of all correspondence, petitions, reports of engineers, and others, regarding the construction of a harbor of refuge at Wellington, Lake Ontario. Presented to the House of Commons, 4th February, 1889.—*Mr. Platt*..... *Not printed.*
- 23a.** Return to an Order of the House of Commons, dated 8th February, 1889, for a copy of engineer's last report on the feasibility of constructing a harbor at Naufrage, King's County, Prince Edward Island. Presented to the House of Commons, 14th March, 1889.—*Mr. McIntyre*—
Not printed.
- 23b.** Return to an Address of the House of Commons, to His Excellency the Governor General, dated 1st April, 1889, for copies of all correspondence between the Dominion Government and the Corporation of Pilots for and below the harbor of Quebec, respecting the change in the present tariff of pilotage dues on vessels for and below the harbor of Quebec. Presented to the House of Commons, 26th April, 1889.—*Mr. Guay*..... *Not printed.*
- 24.** Return to an Order of the House of Commons, dated 16th April, 1888, for a Return of all tenders received by the Government for the supply of coal during the past calendar year, the names of successful tenderers, and the rate per ton in all contracts for coal entered into by the Government during the same period. Presented to the House of Commons, 4th February, 1889.—*Mr. Guillet*..... *Not printed.*
- 25.** Return to an Address of the House of Commons, to His Excellency the Governor General, dated 30th April, 1888, for copies of all correspondence, Orders in Council, reports, papers and documents touching the seizure made on F. O. Vallerand, at Quebec. Presented to the House of Commons, 4th February, 1889.—*Mr. Langelier (Quebec Centre)*..... *Not printed.*

- 25a. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 30th April, 1888, for copies of all correspondence, Orders in Council, papers and documents respecting the seizure of diamonds and other precious stones effected at Quebec on one David Levi, and the cancelling of the said seizure. Presented to the House of Commons, 4th February, 1889.—*Mr. Langelier (Quebec Centre)*..... *Not printed.*
26. Statement of Governor General's Warrants issued and expenditure made under same, since last Session of Parliament, in accordance with Consolidated Revenue and Audit Act, sec. 32, sub-section 2. Presented to the House of Commons, 4th February, 1889, by Hon. G. E. Foster..... *Not printed.*
27. Statement of all superannuations and retiring allowances in the Civil Service, giving the name and rank of each person superannuated or retired, his salary, age and length of service, his allowance and cause of retirement, whether vacancy has been filled by promotion or new appointment, &c., for year ended 31st December, 1888. Presented to the House of Commons, 4th February, 1889, by Hon. G. E. Foster..... *Printed for Sessional Papers only.*
28. Statement of Expenditure under authority of 51 Victoria, cap. 1, on account of Miscellaneous Unforeseen Expenses, from 1st July, 1888, to 31st January, 1889. Presented to the House of Commons, 4th February, 1889, by Hon. G. E. Foster..... *Not printed.*
29. Report of the Commissioner, Dominion Police, under Revised Statutes of Canada, chapter 184, section 5. Presented to the House of Commons, 1st February, 1889, by Sir John Thompson
Not printed.
30. Return to an Address of the Senate, to His Excellency the Governor General, dated 8th May, 1888, for copies of all Orders in Council, resolutions, correspondence or other documents on the subject of the granting of any subsidy or aid to the Pontiac Pacific Junction Railway Company. Presented to the Senate, 6th February, 1889.—*Hon. Mr. Trudel*..... *Not printed.*
31. List of Public Officers to whom Commissions have issued under the provisions of chapter 19 of the Revised Statutes of Canada, during the year 1888. Presented to the House of Commons, 11th February, 1889, by Sir Hector Langevin *Not printed.*
32. Return to an Order of the House of Commons, dated 6th February, 1889, for a Return of the Receipts and Expenditures, in detail, chargeable to the Consolidated Fund, from the 1st day of July, 1888, to 1st February, 1889, with comparative statement of the same from 1st July, 1887, to 1st February, 1888. Presented to the House of Commons, 12th February, 1889—*Sir Richard Cartwright*..... *Not printed.*
33. Return to an Order of the House of Commons, dated 6th February, 1889, for copies of all papers and documents furnished the Government by the board of Examiners in connection with the recent examinations of candidates for the office of Hide and Leather Inspector in the city of Montreal. Presented to the House of Commons, 12th February, 1889.—*Mr. Curran*—
Not printed.
34. Copy of Order in Council making certain regulations under the provisions of chapter 121 of the Revised Statutes of Canada, respecting Government Savings Banks. Presented to the House of Commons, 12th February, 1889, by Hon. G. E. Foster..... *Not printed.*
35. Detailed statement of all Bonds or Securities registered in the Department of the Secretary of State of Canada, submitted to the Parliament of Canada under section 23, chapter 19, of the Revised Statutes of Canada. Presented to the House of Commons, 14th February, 1889, by Sir Hector Langevin *Not printed.*
36. Return (*in part*) under Resolution of the House of Commons, passed on the 20th February, 1882, on all subjects affecting the Canadian Pacific Railway, respecting details as to: 1. The selection of the route. 2. The progress of the work. 3. The selection or reservation of land. 4. The payment of moneys. 5. The laying out of branches. 6. The progress thereof. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the Return. 10. Copies of all Orders in Council and all correspondence between the Government and the railway company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 15th February, 1889, by Hon. E. Dewdney—
Printed for Sessional Papers only.
- 36a. An agreement with the Canadian Pacific Railway Company for the performance of a railway service in the province of New Brunswick. Presented to the House of Commons, 22nd April, 1889, by Sir John A. Macdonald..... *Printed for Sessional Papers only.*

- 36b.** Supplementary Return under Resolution of the House of Commons, passed on the 20th February, 1882, on all subjects affecting the Canadian Pacific Railway, respecting details as to: 1. The selection of the route. 2. The progress of the work. 3. The selection or reservation of land. 4. The payment of moneys. 5. The laying out of branches. 6. The progress thereon. 7. The rate of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act, and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the Return. 10. Copies of all Orders in Council and all correspondence between the Government and the Railway Company, or any member or officer of either, relating to the affairs of the Company. Presented to the House of Commons, 30th April, 1889, by Hon. E. Dewdney. *Printed for Sessional Papers only.*
- 37.** Return to an Order of the House of Commons, dated 8th February, 1889, for a Return showing: 1st. The full amount of legal and other expenses paid in connection with the suit, "The St. Catharines Milling and Lumbering Company vs. the Queen," from the commencement of the suit up to the 1st January, 1889. 2nd. The party or parties to whom paid, the amounts paid, and date of payment. Presented to the House of Commons, 19th February, 1889.—*Mr. McMullen*..... *Not printed.*
- 37a.** Return to an Address of the House of Commons to His Excellency the Governor General, dated 1st April, 1889, for all the original cheques given in payment of all fees or expenses connected with the suit, "The St. Catharines Milling and Lumbering Company vs. the Queen." Presented to the House of Commons, 17th April, 1889.—*Mr. McMullen*..... *Not printed.*
- 38.** Return to an Order of the House of Commons, dated 6th February, 1889, for a Return, in the form used in the statements usually published in the *Gazette*, of the exports and imports from the 1st day of July, 1888, to the 1st day of January, 1889, distinguishing the products of Canada and those of other countries, with comparative statement of the same from 1st July, 1887, to 1st January, 1888. Presented to the House of Commons, 19th February, 1889.—*Sir Richard Cartwright*..... *Not printed.*
- 39.** Return to an Order of the House of Commons, dated 8th February, 1889, for a Return showing the quantity of wheat and flour imported into the Dominion of Canada from the United States, and entered for consumption, during the six months ending 31st December, 1888; also the quantity of flour remaining in bond in Canada on the 31st December, 1888. Presented to the House of Commons, 19th February, 1889.—*Mr. McMullen*..... *Not printed.*
- 40.** Return to an Order of the House of Commons, dated 8th February, 1889, for a Return showing amounts received on account of loan recently negotiated, together with a statement of the sums (forming portion of the same) placed on deposit with Canadian or other banks since the 20th day of June, 1888, and the rate of interest agreed to be paid on the same. Presented to the House of Commons, 20th February, 1889.—*Sir Richard Cartwright*—
Printed for Distribution only.
- 40a.** Statement of the affairs of the British Canadian Loan and Investment Company, on the 31st December, 1888. Presented to the House of Commons, 27th April, 1889, by Hon. Mr. Speaker..... *Not printed.*
- 41.** Return of the affairs of the Collingwood Marine and General Hospital for the year 1888. Presented to the House of Commons, 27th April, 1888, by Hon. Mr. Speaker..... *Not printed.*
- 42.** Return to an Order of the House of Commons, dated 7th May, 1888, for copies of all papers, plans, letters, reports, and other documents whatsoever in relation to the building of a pier or wharf at Ste. Aune des Monts, in the county of Gaspé. Presented to the House of Commons, 28th February, 1889.—*Mr. Joncas*..... *Not printed.*

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- 43.** Return to an Order of the House of Commons, dated 16th April, 1888, for a Return showing separately in regard to companies doing business under Dominion License, the amount of fire insurance at risk on the 31st December, for each of the years from 1881 to 1887, both inclusive, the number of policies in force, the total amount of cash paid each year and the total amount of expenses for each year, the percentage of losses and expenses to premium income, and the expense per \$1,000 at risk. Presented to the House of Commons, 28th February, 1889.—*Mr. Bowman*..... *Printed for both Distribution and Sessional Papers.*

- 43b. Return to an Order of the House of Commons, dated 13th March, 1889, for copies of all correspondence between the Manufacturers' Insurance Company and the Superintendent of Insurance respecting the list of stockholders of said company furnished by the said company in accordance with the statute in that behalf. Presented to the House of Commons, 20th March, 1889.—*Mr. Lister*..... *Not printed.*
44. Return to an Order of the House of Commons, dated 8th February, 1889, for copies of all correspondence between the Minister of the Interior and any officials of his Department, and Thomas Sioni and others, Indians of the Huron tribe of Lorette. Presented to the House of Commons, 28th February, 1889.—*Mr. Langelier (Montmorency)*..... *Not printed.*
- 44a. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return of all sales made of Indian lands on the west side of the Grand River, in the village of Cayuga, in the county of Haldimand; copies of all instructions given to the valuers of said lands, the reports of said valuers, and all correspondence and papers relating thereto. Presented to the House of Commons, 21st March, 1889.—*Mr. Colter*..... *Not printed.*
- 44b. Return to an Order of the House of Commons, dated 1st April, 1889, for copies of all tenders for the supply of beef for the Blackfeet, Blood and Piegan Indian Agencies, and all papers and correspondence connected with the calling for such tenders, and the awarding of contracts for such supplies during the summer of 1888. Presented to the House of Commons, 18th April, 1889.—*Mr. Edgar*..... *Not printed.*
- 44c. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 1st April, 1889, for copies of all correspondence since the 1st of January, 1888, between the Government of the Dominion and the province of Ontario, relating to the arrears of annuities due to the Indians who surrendered their lands under the Robinson Treaty, and to the grant of a reserve to the Chippewa Band of Lake Temiscamingue. Presented to the House of Commons, 30th April, 1889.—*Mr. O'Brien*..... *Not printed.*
45. Return to an Order of the House of Commons, dated 8th February, 1889, for a Return showing the amount, respectively, of pine and spruce sawlogs, board measure, exported in each year from 1867 to 30th June, 1888; the amount of export duty collected in each year from each class of logs; the rate of duty in each year upon each kind of logs, and the amount of export of each kind of logs, and the amount of duty collected upon the same, by provinces. Presented to the House of Commons, 1st March, 1889.—*Mr. Chilton*..... *Not printed.*
- 45a. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return of amount of export duty collected or paid on sawlogs and on other lumber in the year 1888, specifying at what custom house such duty was paid, and the respective amounts paid at each custom house. Presented to the House of Commons, 12th March, 1889.—*Mr. Weldon (St. John)*..... *Not printed.*
- 45b. Supplementary Return to an Order of the House of Commons, dated 16th April, 1888, for a statement showing total cost of construction of various works for the descent of timber and sawlogs on the Ottawa river and its tributaries, up to the 30th June last; also statement showing the yearly expenditure for the maintenance of the said works for five years preceding the 30th June last, under the different heads of reconstruction, repairs and cost of management, at each of the stations, with the names of river or tributary where the same was expended; likewise copies of any or all applications, whether from individuals or chartered companies, to acquire by purchase or otherwise all or any portion of said works and improvements on the said Ottawa river and tributaries thereof. Presented to the House of Commons, 21st March, 1889.—*Mr. Amyot*. Presented to Senate, 22nd March, 1889.—*Hon. Mr. Clemon*..... *Not printed.*
46. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 6th February, 1889, for copies of all Orders in Council, reports, correspondence and papers relating to the dismissal of the Hon. William Ross from the Collectorship of Customs at the port of Halifax. Presented to the House of Commons, 1st March, 1889.—*Hon. W. Laurier*..... *Not printed.*
- 46a. Return to an Order of the House of Commons, dated 20th March, 1889, for a Return of all correspondence between the Minister of Marine and Fisheries, Ottawa, and A. Lord, Esq., Agent, Charlottetown, Prince Edward Island, or any other person, having reference to the dismissal of Capt. Ronald Campbell, Harbor Master for Summerside. Also copy of all complaints made against the said Capt. Ronald Campbell, showing by whom made, with copy of evidence touching said dismissal. Presented to the House of Commons, 8th April, 1889.—*Mr. Perry*..... *Not printed.*

- 47.** Return to an Address of the House of Commons, to His Excellency the Governor General, dated 25th February, 1889, for copies of all Orders in Council, correspondence and other documents respecting the disallowance of Acts passed by the province of Quebec in 1887. Presented to the House of Commons, 7th March, 1889.—*Mr. Langelier (Montmorency)*..... *Not printed.*
- 47a.** Return to an Address of the House of Commons, to His Excellency the Governor General, dated 25th February, 1889, for copies of all Orders in Council, correspondence and other documents in relation to the disallowance of the Act for the conversion of the debt. Presented to the House of Commons, 20th March, 1889.—*Mr. Langelier (Montmorency)*.—
Not printed.
- 47b.** Return to an Address of the House of Commons, to His Excellency the Governor General, dated 25th February, 1889, for copies of all Orders in Council, correspondence and other documents respecting the disallowance of the Act respecting the Bar of the province of Quebec, passed in 1886; in which Act the *Battonnier Général* was granted precedence over all other lawyers. Presented to the House of Commons, 21st March, 1889.—*Mr. Langelier (Montmorency)*..... *Not printed.*
- 47c.** Return (*in part*) to an Address of the House of Commons, to His Excellency the Governor General, dated 25th February, 1889, for copies of all Orders in Council, correspondence and other documents in relation to the disallowance of the Act respecting magistrates. Presented to the House of Commons, 21st March, 1889.—*Mr. Langelier (Montmorency)*.—
Not printed.
- 48.** Return to an Order of the House of Commons, dated 25th February, 1889, for a Return showing the date at which *Mr. Speaker* received the certificate of the Judge in each of the following cases—in the election trial of Halton, Shelburne, Northumberland (East), Haldimand, Joliette, Cumberland and Kent; the date of the Speaker's warrant, and the date of the writ for a new election. Presented to the House of Commons, 8th March, 1889.—*Mr. Mills (Bothwell)*..... *Not printed.*
- 49.** Return to an Order of the House of Commons, dated 25th February, 1889, for copies of all correspondence with the Department of Railways and Canals on the subject of the late break in the Cornwall Canal, and of all plans and suggestions by civil engineers and others for the prevention of the recurrence of such break, and the report of John Page, the Chief Engineer of Canals, thereon. Presented to the House of Commons, 8th March, 1889.—*Mr. Bergin*.—
Printed for both Distribution and Sessional Papers.
- 49a.** Return to an Order of the House of Commons, dated 25th February, 1889, for copies of all reports of the engineers and other officers employed by the Department of Railways and Canals on the subject of water power in the new Welland Canal. Presented to the House of Commons, 14th March, 1889.—*Mr. Rykert*..... *Not printed.*
- 49b.** Return to an Order of the House of Commons, dated 25th February, 1889, for copies of the several tenders and all papers, letters and contract for the construction of the Sault Ste. Marie Canal. Presented to the House of Commons, 19th March, 1889.—*Mr. McMullen*.—
Not printed.
- 49c.** Return to an Order of the House of Commons, dated 25th February, 1889, for copies of all the correspondence with the Department of Railways and Canals in connection with the opening of the canals of the Dominion for Sunday traffic. Also a statement of the number of steamboats and vessels passing through the several canals between the date of the order permitting the same and the close of navigation in the year 1888. Also copies of all instructions to the superintendents of the several canals. Presented to the House of Commons, 29th March, 1889.—*Mr. Rykert*..... *Not printed.*
- 49d.** Return to an Address of the Senate to His Excellency the Governor General, dated 26th March, 1888, praying that His Excellency will cause to be laid before this House, a detailed statement of all expenditure in maintaining, repairing, and operating the Welland Canal for the years 1870, 1877, 1885, 1886, 1887, and to the first day of January, 1888, giving the names of all employees, the amount paid each as salary or wages, the number of days each was employed, keeping each month separate, the amount of allowance, if any, for house rent, horse hire or travelling expenses to superintendent, deputy superintendents, foremen or overseers, also the duties performed by each employe, and hour, and where employed; if deputy superintendents, giving that portion of canal under the charge of each; if foremen or overseers, giving on what part or section of canal they are employed; if lock masters, giving the number of lock; if bridge tender, giving the name of bridge; if carpenters, masons or laborers,

- giving the division or portion of canal on which employed, keeping separate the expenditure and names of employees on what is known as the old and the new canal as far as possible. Also copies of all time-lists, pay-lists, and vouchers used in paying the employees, keeping each month separate for the above-named years. Also copies of all tenders received by the Government for the erection of the custom house and post office building at Port Colborne. Also copies of plans and specifications, and a detailed statement of material used in, and the cost of erecting the said building in the year 1887. Also copies of all correspondence between the Minister of Railways and Canals, or any officer of his Department, and the Superintendent of the Welland Canal, giving instructions for erecting the custom house and post office at Port Colborne. Also copies of all correspondence and of plans and specifications and instructions to the Superintendent of the Welland Canal by the Minister of Railways and Canals, or any officer of that Department, for the erection of a wharf or dock west of the lock in Port Colborne. Also a detailed statement of the material used and cost of said wharf or dock. Also giving the purposes said wharf or dock was built for, and what it is used for. Also a detailed statement of the cost of wrecking pump purchased for the Welland Canal, giving the date of purchase, the number of days the said pump has been used in each year, and date of such service for canal purposes; if for private purposes, giving the date of such service and the amount received by the Government for such service. Also giving a detailed statement of the cost of diving armor purchased for the Welland Canal, and giving the number of days it has been used and date of such service in each year. Also giving a detailed statement of the amount received by the Government for the use of said diving armor when used for private purposes and not for the Government service. Presented to the Senate, 5th April, 1889.—*Hon. Mr. McCallum* Printed (in part) for Sessional Papers only.
- 49c. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 1st April, 1889, for copies of all tenders received for the construction of the Sault Ste. Marie Canal, with accompanying documents, including the approximate quantities on which such tenders were computed, and the gross amounts; and all correspondence, reports and Orders in Council, in relation to the same. Presented to the House of Commons, 12th April, 1889.—*Mr. Trow*..... Not printed.
- 49f. Return to an Order of the House of Commons, dated 18th March, 1889, for copies of reports, plans and surveys of the then proposed Cornwall Canal by J. B. Mills and Benjamin Wright, Esq's, Civil Engineers and by Capt. P. Cole, Royal Engineers, in the years 1832, 1833 and 1834; also for survey and report of Colin Carman, Esq., C.E., of a proposed change of location of Cornwall Canal, from Sand Bridge through Hoopes Creek to Archibald's Point, with plans, profile and estimates; also reports, plans and surveys made by Mr. Clowes, C.E., in 1826. Presented to the House of Commons, 17th April, 1889.—*Mr. Bergin*—
Printed for both Distribution and Sessional Papers.
- 49g. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return of report of Engineer Crawford in 1877-78 and all subsequent reports made on the Beauharnois Canal; also reports of engineers made on the North Shore of the St. Lawrence between lakes St. Francis and St. Louis; also resolutions, letters, &c., of boards of trade, corporations, and even from individuals, regarding such works. Presented to the House of Commons, 17th April, 1889.—*Mr. Bergeron*..... Not printed.
- 49h. Return to an Order of the House of Commons, dated 13th March, 1889, for a Return showing :
1. Statement of cases in which all or any of the tenders called for and received within five years, for any work in connection with canals, were rejected on the report of the Chief Engineer of Canals, giving names of tenderers and gross amount of each tender; with copies of all such reports of the Chief Engineer, giving reasons for such rejection, and noting the cases in which new tenders were called for. 2. In cases where new tenders were called for, a statement of names of tenderers and gross amount of each tender, noting which tender was accepted, and giving copies of any reports or other reasons for the rejection of lower tenders, if any. 3. Statement of cases in which claims for extras have arisen and have been referred to the sole arbitration of the Chief Engineer of Canals, showing amounts paid to claimants under his award, and a detailed statement of costs paid by the Government or the other parties to the suit in connection with the arbitration in each case, and to whom paid. Presented to the House of Commons, 17th April, 1889.—*Mr. Casey*..... Not printed.

- 49i.** Return to an Address of the House of Commons, to His Excellency the Governor General, dated 1st April, 1889, for copies of all tenders received by the Department of Railways and Canals, in September and October, 1888, for the enlargement of the Cornwall and Galops Canal, including the approximate quantities on which such tenders were computed, and the gross amounts; and all correspondence, reports, and orders in Council, relating to the same, since the receipt of such tenders. Presented to the House of Commons, 25th April, 1889.—*Mr. Trow*..... *Not printed.*
- 50.** Copies of General Orders No. 84 and No. 85, of the Supreme Court of Canada. Presented to the House of Commons, 14th March, 1889, by Sir John Thompson—
Printed for Distribution only.
- 51.** Return to an Order of the House of Commons, dated 25th February, 1889, for copies of all correspondence, reports, &c., between the officials of the Intercolonial Railway and Mr. Louis Fortin, of St. Octave de Mévis, in relation to the killing of a horse by the cars in October, 1888. Presented to the House of Commons, 15th March, 1889.—*Mr. Fiset*..... *Not printed.*
- 51a.** Return to an Address of the House of Commons, to His Excellency the Governor General, dated 1st April, 1889, for a Return of Orders in Council relating to the division of the subsidy of \$250,000 to the International Railway Company, between the different portions of the road, say, from the St. Lawrence to Lennoxville, from Lennoxville to Moose River and Mattawamkeag, from Mattawamkeag to Harvey's Station, and from Harvey to Salisbury, giving the number of miles in each division, and the amount apportioned thereto. Presented to the House of Commons, 12th April, 1889 —*Mr. Jones (La ifaz)*—
Order in Council printed, for Sessional Papers only.
- 51b.** Return to an Order of the House of Commons, dated 8th April, 1889, for copies of all correspondence between Mr. Allan Knight, or his solicitor, with the Government of Canada, or any of its officers, in reference to a claim for damages in connection with the Indian Town branch of the Intercolonial Railway, and also any report from any of the Government officers in reference to the same subject. Presented to the House of Commons, 29th April, 1889.—*Mr. Mitchell*..... *Not printed.*
- 51c.** Return to an Order of the House of Commons, dated 11th April, 1889, for copies of all letters, reports and correspondence had between Mr. George R. Parker and the Government, or any of its officers; and also between the Government and its officers, in relation to claims for land, and damages, in connection with the Derby Branch Railway. Presented to the House of Commons, 29th April, 1889.—*Mr. Mitchell*..... *Not printed.*
- 52.** Return to an Order of the House of Commons, dated 6th February, 1889, for a Return of the names of all chaplains of public institutions under appointment of the Government, together with the dates of their appointment, the amount of their salaries, and the religious denominations to which they belong. Presented to the House of Commons, 15th March, 1889.—*Mr. Innes*..... *Not printed.*
- 53.** Return to an Order of the House of Commons, dated 25th February, 1889, for a Return showing what sums of money have been paid by the Government to W. A. Webster during each of the financial years, 1887 and 1888, and since the 1st July, 1888, specifying the services for which he was paid. Presented to the House of Commons, 18th March, 1889.—*Mr. Colter*—
Not printed.
- 54.** Copy of the Bill, 51-52 Victoria, chapter 13, Quebec, intitled: "An Act respecting the settlement of the Jesuits' Estates;" copies of the report made on the 16th January last, or any other date, to His Excellency the Governor General upon the said Act; all Orders in Council, reports, opinions or other papers showing the consideration and conclusion arrived at by the Government in regard to the said Act; all correspondence in relation to the said Act had between the Government and the Government of the Province of Quebec, or any other person or persons whomsoever; as well as all petitions or written representations made to the Government for or against the said Act becoming law, and showing at what date the said Bill was received by the Government and approved of by them. Presented to the House of Commons, 19th March, 1889, by Sir John A. Macdonald—
Printed for both Distribution and Sessional Papers.

55. Return to an Order of the House of Commons, dated 4th March, 1889, for a Return of copies of all petitions presented to the Government by the residents of the townships of the front of Yonge and the front of Escott, in the county of Leeds, Ontario, praying that an Act passed by the Local Legislature of the province of Ontario, assented to the 23rd March, 1888, intituled: "An Act to provide for the union of the townships of the front of Yonge and front of Escott," might be disallowed. Presented to the House of Commons, 19th March, 1889.—*Mr. Taylor*—*Not printed.*
56. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 11th March, 1889, for a statement or Return of the Government in answer to the request of the Home Government for information as to the working of "The Canada Temperance Act" in the several provinces of the Dominion. Presented to the House of Commons, 19th March, 1889.—*Mr. Jamieson* *Not printed.*
57. Return to an Order of the House of Commons, dated 8th February, 1889, for a Return showing what repairs have been done to the dredge "Prince Edward" during the year 1888, the date of commencement of work, and when finished, with cost of said work; also the amount of work done by said dredge during the year 1888. Presented to the House of Commons, 19th March, 1889.—*Mr. Perry*..... *Not printed.*
58. Return to an Order of the House of Commons, dated 4th March, 1889, for a copy of the names of fishermen in Prince Edward Island who, for the years 1886 and 1887, have made claims for the fishery bounty, and whose claims have been rejected; also for copies of the reports of the officers or parties against such claims, and the names and residences of such officers or parties. Presented to the House of Commons, 19th March, 1889.—*Mr. McIntyre*..... *Not printed.*
- 58a. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 13th February, 1889, for a Return of all correspondence between the Government of the Dominion and the Government of Ontario in respect to the expediency of permitting net fishing by white men in the inland waters of Ontario, north and north-west of Lakes Huron and Superior. Also of all correspondence between the Indian Department and any other department of the Government in regard to the distress and destitution which would be brought upon the resident Indian population by unrestricted net fishing in the waters from which they derive their chief means of subsistence. Presented to the House of Commons, 20th March, 1889.—*Mr. Dawson*..... *Not printed.*
- 58b. Return to an Order of the House of Commons, dated 20th March, 1889, for: 1. Copies of any order or regulation adopted by the Department of Marine and Fisheries with a view to regulate fishing, and to put in force a system of licensing and taxing of fishing utensils in the counties of Berthier, Maskinongé, St. Maurice, Richelieu, Yamaska and Nicolet, during the two years ending 31st December, 1888. 2. Copies of all instructions forwarded during the period aforesaid to the fishery overseers having jurisdiction in the said counties, respecting the enforcement, suspension, modification or re-enactment of the said regulation. 3. Copies of all reports and information furnished by the fishery overseers to the Department of Marine and Fisheries in relation to the enforcement of the said regulation. 4. A list of all the fishermen of each of the said counties as furnished by the fishery overseers, showing those who took out the license so required, the amount paid by each of them, the total amount received as the product of the said licenses from the date of the enforcement of the said regulation up to 31st December, 1888, and also those who did not take out the license so required, and whose fishing utensils were confiscated or not, as the case may be. 5. Copies of all letters, petitions and correspondence addressed to the Government, or any of its members, asking for the repeal of the said regulation and the abolition of the said license, of all answers made thereto, and of all other documents relating to the matter. Presented to the House of Commons, 17th April, 1889.—*Mr. Beausoleil*..... *Not printed.*
- 58c. Return to an Order of the House of Commons, dated 1st April, 1889, for copies of correspondence between the Government and the holders of fishing rights under permit in river Matane, and of correspondence on the same subject with the riparian proprietors, and reports on their opposition to permits, &c. Presented to the House of Commons, 30th April, 1889.—*Mr. Casgrain*..... *Not printed.*
59. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return showing: 1. In what ports of the Dominion the Government collect hospital dues on ships. 2. What amount was collected in each of the said ports during last season. 3. How many seamen

- were under treatment in each of the said ports during the season. 4. How much the Government have paid to the hospitals of the several ports during last season. Presented to the House of Commons, 21st March, 1889.—*Mr. Lépine*.....*Not printed.*
60. Continuation of the correspondence as published in the Auditor-General's Report, on the subject of carrying forward the gross amount of the Loan and Sinking Fund of the Consolidated Canadian Loan Converted. Presented to the House of Commons, 20th March, 1889, by Hon. G. E. Foster.....*Not printed.*
61. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 11th March, 1889, for copies of all correspondence between the Government and the Lieut.-Governor of the North-West Territories, together with any papers, reports and documents in reference to the issue of permits or licenses for the sale of spirituous liquors, beer or other intoxicants, in public houses or otherwise in the North-West Territories; also copies of all regulations, documents or other proceedings issued or adopted by the Lieut.-Governor of the North-West Territories, under which licenses or permits for the sale of beer or other intoxicants in public houses have been granted in the said Territories. Presented to the House of Commons, 21st March, 1889.—*Mr. Jamieson*.....*Not printed.*
62. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return showing the amount of money paid on account of work performed or material furnished for opening or improving public roads or streets in the city of Ottawa, from the 1st of July, 1888, to the 1st January, 1889; the names of the party or parties to whom paid, for what paid, and the amount; the name or names of all parties in charge as inspectors or superintendents, and amount per day or month paid to them. Presented to the House of Commons, 22nd March, 1889.—*Mr. McMullen*.....*Not printed.*
- 62a. Return to an Order of the House of Commons, dated 1st April, 1889, for copies of all petitions, correspondence and documents respecting the extension of McMahon Street through the Ordnance land, in the city of Quebec, to D'Aiguillon Street. Presented to the House of Commons, 2nd May, 1889.—*Mr. Guay*.....*Not printed.*
63. Return to an Order of the House of Commons, dated 20th February, 1889, for a Return showing the cost, to date, of the barn at the Experimental Farm, or of any and all other outbuildings upon the said farm, with a statement showing the number of outbuildings and their kind, if any; also the number of residences built on the farm and the cost of each one separately; likewise the sum total of the cost of all buildings upon said farm, to date. Presented to the House of Commons, 2nd April, 1889.—*Mr. McMillan (Huron)*.....*Not printed.*
64. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return showing public buildings erected in various places throughout the Dominion from 1st July, 1867, to 1st January, 1889; giving date of first appropriation made for same, locality in which erected, and total cost to date of 1st January, 1889. Presented to the House of Commons, 3rd April, 1889.—*Sir Richard Cartwright*.....*Printed for Sessional Papers only.*
65. Return to an Address of the House of Commons, to His Excellency the Governor General, dated 7th February, 1889, for copies of the Resolutions passed at the conference held in 1887, at the city of Quebec, of delegates from the several provinces of Ontario, Quebec, Nova Scotia, New Brunswick and Manitoba; and of all papers and correspondence relating thereto. Presented to the House of Commons, 3rd April, 1889.—*Mr. Egar*.....*Not printed.*
66. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return showing the total amount of expense incurred and moneys paid up to 1st January, 1889, on account of the preparation, publication and completion: 1. Of the various lists under the Dominion Franchise Act upon which the last general election was held; and stating: (a) The total amount paid for printing; (b) The total amount paid to revising barristers; (c) The total amount paid to revising barristers, clerks and bailiffs; (d) The total amount paid for all other expenses in connection with preparation, publication and completion of the said lists; (e) Whether any claims against the Government in connection with the preparation of the lists are yet unsettled. 2. Showing the expense incurred up to 1st February, 1889, in connection with the preparation of the second voters' list under the Dominion Franchise Act, and stating: (a) The total cost of type used, or to be used, in setting up the lists; (b) The amount paid for composition in setting up the lists; (c) The cost of paper and presswork in preparation of the lists; (d) The cost or rental of plant used in connection with the preparation of said lists up to the above date; (e) Amount of all other expenses incurred in connection with the preparation of the said lists up to 1st February, 1889. Presented to the House of Commons, 3rd April, 1889.—*Mr. Charlton*.....*Printed for Sessional Papers only.*

67. Return to an Address of the Senate, to His Excellency the Governor General, dated 22nd March, 1889, praying that His Excellency will cause to be laid before this House, copies of leases or existing arrangements permitting the occupancy of the reserve of public property on the Ottawa River, from Bay to Kent Street, in the city of Ottawa. Presented to the Senate, 3rd April, 1889.—*Hon. Mr. Clemow*..... *Not printed.*
68. Return to an Address of the Senate, to His Excellency the Governor General, dated 19th March, 1889, for a list giving the names of the veterans of the war of 1812, actually living, with their place of residence and the amount of their respective pensions. Presented to the Senate, 10th April, 1889.—*Hon. Mr. Guévrement*—
Printed for both Distribution and Sessional Papers.
69. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return of all evidence, papers and correspondence relating to the liability of the Government to construct, or to aid in constructing, a bridge across the Grand River, at the village of York, in the county of Haldimand. Presented to the House of Commons, 11th April, 1889.—*Mr. Colter*—
Not printed.
- 69a. Return,—Correspondence, &c., in connection with tenders called for and received for bridge at Grand Narrows, Cape Breton Railway. Presented to the House of Commons, 17th April, 1889, by Sir John A. Macdovald..... *Not printed.*
- 69b. Return to an Order of the House of Commons, dated 11th March, 1889, for a Return of copies of all petitions presented to the Government by the residents of the township of the front of Young, county of Leeds, Ont., praying that Jones' Creek in said township be declared a non-navigable stream, and to allow the municipal council to build a low solid bridge across said stream. Also copies of the report of the engineer on the same. Presented to the House of Commons, 29th April, 1889.—*Mr. Taylor*..... *Not printed.*
70. Return to an Order of the House of Commons, dated 1st April, 1889, for copies of all correspondence, reports, petitions and other documents, up to this date, between the Post Office Department and the Post Office Inspector for the district of Montreal, Mr. King, and any other persons, respecting a change in the location of the post office of Belle Vallée, in the county of St. John's. Presented to the House of Commons, 17th April, 1889.—*Mr. Bourassa*.—
Not printed.
71. Return to an Order of the House of Commons, dated 18th March, 1889, for a Return of all correspondence between the Government and the officers and men of the 15th Battalion, respecting aid to construct a drill shed at Belleville, and for any reports made to the Government respecting the desirability of granting such aid. Presented to the House of Commons, 2nd May, 1889.—*Mr. Burdett*..... *Not printed.*
72. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return showing the amount of duty collected upon baskets and boxes containing fruits admitted free of duty since 1st May, 1888. Presented to the House of Commons, 17th April, 1889.—*Mr. Charlton*..... *Not printed.*
73. General Rules of the Maritime Court of Ontario. Presented to the House of Commons, 20th April, 1889, by Sir John Thompson..... *Not printed.*
74. Return to an Address of the Senate, to His Excellency the Governor General, dated 1st April, 1889, praying that His Excellency will be pleased to cause to be laid before this House, a detailed statement showing the total annual cost for supplying the electric light for the use of the Intercolonial Railway and charging the cars with electricity at the respective stations of St. John and Halifax, and the names of the parties performing such service. Presented to the Senate, 23rd April, 1889.—*Hon. Mr. Botsford*..... *Not printed.*
75. Return to an Order of the House of Commons, dated 11th April, 1889, for copies of all papers and correspondence in connection with a claim of Messrs. A. and J. Adams for loss incurred by the wreck of their vessel, "Carrier Dove," caused by the change of lights at Crapaud Harbor, without due notice to the public. Presented to the House of Commons, 23rd April, 1889.—*Hon. Mr. Mitchell*..... *Not printed.*
76. Return to an Address of the Senate, to His Excellency the Governor General, dated 10th April, 1889, praying that His Excellency will be pleased to cause to be laid before this House, a copy of the report made to the Minister of Public Works, by the commissioners on the floods in the St. Lawrence River. Presented to the Senate, 25th April, 1889.—*Hon. Mr. Drummond*..... *Printed for both Distribution and Sessional Papers.*

77. Certified copy of a Report of a Committee of the Honorable the Privy Council, approved by His Excellency the Governor General in Council on the 5th September, 1888, relating to Appeals in Criminal Cases to the Judicial Committee of Her Majesty's Privy Council. Presented to the House of Commons, 26th April, 1889, by Hon. G. E. Foster.....*Printed for Sessional Papers only.*
78. Return to an Order of the House of Commons, dated 9th April, 1888, for copy of the correspondence having reference to the translation into French of the "Field Exercise," from 23rd July, 1879, which has passed between the Militia Department and Lieut.-Colonel A. Audet, and also between either of them and the manager of the Compagnie d'Imprimerie Canadienne of Montreal, Benjamin Sulte, Esquire, and Gebbart Berthiaume, and any other person in relation to the said translation. Presented to the House of Commons, 26th April, 1889.—*Mr. Amyot*.....*Not printed.*
79. General statements and returns of baptisms, marriages and burials in the districts of Chicoutimi, Gaspé, Iberville, Joliette, Montmagny and Saguenay, for the year 1888. Presented to the House of Commons, 27th April, 1889, by Hon. Mr. Speaker.....*Not printed.*
80. Return to an Order of the House of Commons, dated 16th April, 1888, for a Return of all Dominion Scrip issued for any purpose in connection with Manitoba and the North-West Territories; the dates and amounts of the several issues, and the purposes for which they were made; the mode or modes of redemption; the amount of each issue so far redeemed, and the balances outstanding on the 1st March, 1888. Presented to the House of Commons, 30th April, 1889.—*Mr. Wilson (Elgin)*.....*Not printed.*
81. Return to an Order of the House of Commons, dated 25th February, 1889, for a Return showing: 1. The number of immigrants that have arrived at the several ports of entry in Canada each year, from 1st July, 1867, to 1st January, 1889, distinguishing their several occupations, with the number in each. 2. The number reported as having settled in Canada, and number that went to United States, in each year. 3. The number received at the several immigration offices in each year during the same period. 4. The amount of money expended annually for immigration purposes. Presented to the House of Commons, 30th April, 1889.—*Mr. Brien*.....*Not printed.*
82. Letter from the Chief Engineer of Public Works respecting the state and condition of the road between the towns of Dundas and Galt. Presented to the House of Commons, 30th April, 1889, by Sir Hector Langevin.....*Not printed.*

REPORT,
RETURNS AND STATISTICS
OF THE
INLAND REVENUES
OF THE
DOMINION OF CANADA
FOR THE
FISCAL YEAR ENDED 30th JUNE,
1888.

Presented to both Houses of Parliament by Command of His Excellency.

JOHN COSTIGAN,
Minister of Inland Revenue.



OTTAWA:
PRINTED FOR THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY.
A SENECAU, SUPERINTENDENT OF PRINTING.

1889.

*To His Excellency the Right Honorable Lord STANLEY of PRESTON, Governor General
of Canada, &c., &c.*

MAY IT PLEASE YOUR EXCELLENCY :

I have the honor to transmit to Your Excellency the RETURNS AND STATISTICS of Inland Revenues of the Dominion of Canada, for the Fiscal Year ended 30th June, 1888, as prepared and laid before me by the Commissioner of Inland Revenue.

All of which is respectfully submitted.

JOHN COSTIGAN,
Minister of Inland Revenue.

3th January, 1889.

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COMMISSIONER'S REPORT.

REPORT

OF THE

COMMISSIONER OF INLAND REVENUE.

To the Honorable

The Minister of Inland Revenue.

SIR,—Herewith I have the honor to submit statements of the Inland Revenues collected by this Department during the fiscal year ended 30th June, 1888, with the usual information as to the cost of collecting, and statistics respecting the sources whence those revenues were derived.

1. The following summary comparison shows the accrued revenue for the years ended 30th June, 1884, 1885, 1886, 1887 and 1888, respectively:—

	1884.	1885.	1886.	1887.	1888.
	\$	\$	\$	\$	\$
Excise	5,545,391	6,438,688	5,883,580	6,466,151	6,010,561
Public Works	516,349	409,886	440,677	448,575	432,653
Culling Timber	43,609	28,557	30,073	19,707	15,098
Weights and Measures, Gas and Law Stamps.	36,401	40,504	42,001	43,621	46,033
Other Revenues				231	56
Total	6,141,750	6,917,635	6,396,331	6,978,285	6,504,399

2. The above statement exhibits a decrease of \$473,886 in respect of revenue accrued as compared with the prior fiscal year, arising as follows:—

Excise.....	\$455,590
Public Works.....	15,922
Culling Timber.....	4,611
Other Revenues.....	175
	\$476,298
Less—Increase in Weights and Measures.....	2,412
	\$473,886

3. The following statement exhibits the details of Excise Revenue accrued during the undermentioned fiscal years:—

	1.	2.	3.	4.	5.
	1884.	1885.	1886.	1887.	1888.
	\$	\$	\$	\$	\$
Spirits	3,610,496	4,281,027	3,214,075	3,737,339	3,099,016
Malt Liquor	6,558	6,344	6,189	7,045	6,997
Malt	413,056	477,184	382,572	433,129	493,030
Cigars.....	266,814	318,357	560,351	524,281	554,067
Tobacco.....	1,169,490	1,270,933	1,629,604	1,668,002	1,740,542
Petroleum	26,566	27,520	29,181	31,989	36,569
Manufactures in Bond.....	39,457	44,090	46,523	50,005	53,312
Seizures	2,183	1,256	2,697	2,029	13,066
Other Receipts.	10,771	11,977	12,388	12,331	13,962
Totals.	5,545,791	6,438,688	5,883,580	6,466,150	6,010,561

It will be noted that there has been an increased revenue as compared with 1887, in respect of nearly every article subject to Excise, excepting that of spirits.

SPIRITS.

4. The quantity of spirits produced during the fiscal year was 5,514,589 gallons, the raw materials used in the production of which were as follows:—

	Lbs.
Malt.....	4,606,544
Indian corn.....	74,285,727
Rye.....	11,622,004
Wheat.....	2,256,809
Oats.....	1,300,889
Barley.....	91,893
Total grain.....	94,243,866
Molasses.....	90,499
Total material.....	94,334,365

5. The transactions of the several distilleries will be found stated in detail in Appendix A (Statement No. 3).

	Proof Gallons.	
There were on the 1st of July, 1887, in process of manufacture	160,308	
Manufactured during the year.....	5,514,589	
Returned to distilleries for redistillation.....	115,583	
Received into distilleries from other sources—		
Duty paid.....	4,893·76	
In bond.....	588·46	5,482
	-----	-----
		<u>5,795,962</u>

6. These were disposed of as follows:—

Placed in warehouse in bond under Crown lock.....	5,649,632
Fusil oil extracted by redistillation	22,927
Deficiency arising from rectification.....	12,339
Remaining in process of manufacture, 30th June, 1888, per actual stock taking.....	111,064

	<u>5,795,962</u>

7. The following statement shows the transactions in Spirits during the Year ended 30th June, 1888, and the four preceding years:—

Fiscal Year.	1. In Warehouse at beginning of Year.	2. Warehoused during the Year. Ex-Distillery.	3. Otherwise Warehoused	4. Taken for Consumption.	5. Exported.	6. Used in Bonded Factories.	7. Otherwise Accounted for.	8. For Re-Distillation.	9. In Warehouse at end of period.
	Pf. Gallons.	Pf. Gallons.	Pf. Gallons.	Pf. Gallons.	Pf. Gallons.	Pf. Gallons.	Pf. Gallons.	Pf Gallons	Pf. Gallons.
1883-84.....	1,841,123	3,600,047	3,762	3,060,492	8,979	232,958	1,489	.....	2,301,034
1884-85.....	2,201,034	3,192,622	14,249	3,888,012	10,322	264,804	2,570	.....	1,242,197
1885-86.....	1,242,197	4,290,456	11,276	2,412,818	9,310	287,209	2,119	.....	2,832,473
1886-87.....	2,832,473	4,890,187	15,442	2,864,935	4,597	301,503	3,090	.....	4,563,977
Totals.....	8,116,827	15,973,312	44,749	12,166,257	33,208	1,086,474	9,268	.....	10,839,681
Annual average of four years ended 30th June, 1887.....	2,029,207	3,993,328	11,187	3,041,564	8,302	271,618	2,317	.....	2,709,920
1887-88.....	4,563,977	5,649,632	* 44,609	2,326,327	7,889	335,785	49,672	115,337	7,423,208

In addition to the quantities of domestic spirits shown in column 6, the following quantities of imported spirits were used in bonded factories during the same period, viz: 1884-85, 11,372 pf. galls.; 1885-86, 9,670 pf. galls.; 1886-87, 15,428 pf. galls., and 1887-88, 32,884 pf. galls.
 * Of this amount 32,884 gallons were warehoused on importation and 8,987 gallons were seized spirits, subsequently warehoused. The remaining 2,768 gallons is explained at the foot of Statement No. 4, Appendix A.

8. The following statement exhibits the entire quantities upon which duties were collected during the several years recited therein. The Total column will be found to accord with the figures shown in financial Statement No. 17:—

Fiscal Year.	Canadian Spirits.		Imported spirits used in Bonded Factories. Paid difference between Customs and Excise Duty.	Total quantity upon which duty was Collected.	Memorandum of Revenue accrued, including License Fees.
	Paid duty. Ex-Distillery.	Paid duty. Ex-Warehouse			
	Pf. Gallons.	Pf. Gallons.	Pf Gallons.	Pf. Gallons.	\$
1883-84	607,529	3,000,492	.....	3,608,021	3,610,496
1884-85	386,710	3,888,012	11,394	4,286,116	4,281,027
1885-86	65,280	2,412,818	9,670	2,487,768	3,214,075
1886-87	1,904	2,864,935	15,426	2,882,265	3,737,338
Total	1,061,423	12,166,257	36,490	13,264,170	14,842,936
Annual average of 4 years ended 30th June, 1887..	265,356	3,041,564	9,122	3,316,042	1,710,734
1887-88	46,505	2,326,327	32,884	2,405,716	3,099,016

9. The quantity manufactured was considerably greater than former years, comparing as follows:—

	Pf. Gallons.
1883-84 manufactured.....	4,207,576
1884-85 do	3,579,332
1885-86 do	4,355,736
1886-87 do	5,119,506
1887-88 do	5,514,589

The average of the preceding four years manufacture was therefore..... 4,315,537

And the increased production above the average, viz.... 1,199,052 is due to the necessity for laying in a stock of spirits for maturing, as required in view of the provisions of section 148 of the Inland Revenue Act.

10. The quantity entered for consumption was less than for some years, and nearly one-fourth less than the average consumption of the four years preceding. The increase in the excise duty from \$1.00 to 1.30 per gallon made in 1886 curtailed consumption very noticeably and as the years 1884 and 1885 are factors in

arriving at the average consumption for the 4 years preceding the present the main falling off may be attributed partially to that cause.

11 . The high rate of duty has no doubt also fostered the practice of applying methylated spirit to many improper purposes ; the duty upon the latter being but fifteen cents per gallon as against a duty on spirits of one dollar and thirty cents.

12. The certainty that such misuse was being made of this commodity led to very strong representations being made to yourself and the decision of the Government to withdraw the privilege of manufacturing it in bond and to restrict the right to place it upon the market to the Department of Inland Revenue, under carefully considered regulations. This course has already been justified by the very material increase of spirit duty collected month by month since that policy has been acted upon, *i. e.* the year now current.

13. The quantity of spirits used in bonded factories in the production of methylated spirits and vinegar was, during 1887-88, 335,785 gallons, as against 301,503 gallons in the previous year. The quantity of vinegar and methylated spirits produced and entered for consumption were respectively as follows :—

1888.		
	Produced.	Entered for Consumption.
Vinegar, gallons.....	693,442	685,308
Methylated spirits, gallons.....	165,840	165,195
1887.		
Vinegar, gallons.....	671,260	660,530
Methylated spirits, gallons.....	149,031	149,031

14. The whole duty accruing from the products of spirits thus utilized was, for 1888, \$52,412, whereas had the spirits been diverted by fraud into other channels than the production of vinegar and methylated spirits, the revenue accruing therefrom should have been for that year, \$436,520.

15. This constitutes a heavy premium upon fraud. The Government has removed the threatened danger in so far as the manufacture of methylated spirits is concerned by withdrawing the privilege of manufacturing it in bond. The trade in the article is now entirely in the hands of the Department, and none can reach the general public except a mixture of naphtha and alcohol in equal parts used for illuminating and kindred purposes, but too coarse to be available at any profit by subsequent redistillation for potable purposes.

16. The danger threatened by the manufacture of vinegars from alcohol taken in bond to the manufacturers premises still remains to be dealt with.

17. The supervision of distilleries, tobacco and cigar manufactories and malt-houses has been so improved—the checks and counter-checks are so complete that

it is believed that practically every dollar of the Excise Revenue arising therefrom is duly collected. In respect, however, of the supervision of vinegar manufacturers it is felt that all the ingenuity and intelligence which can be brought to bear is of little avail. The difficulty arises from the fact that acetic acid may be surreptitiously introduced at any stage, and if it be commercially pure and free from mineral or empyreumatic substances, it is impossible to distinguish vinegar so produced from vinegar produced by the acetic fermentation of alcohol. If therefore alcohol (stored in bond) can be feloniously abstracted as it has been on several occasions, the yield of vinegar required by the law to cancel the manufacturer's liability upon the spirits received at his factory may be fraudulently made by the introduction of acetic acid produced by the distillation of wood and always available without any restriction as an article of commerce.

18. A superior vinegar may be made from malt, cider and other fruit products, in the making of which the revenue would be free from risk.

19. It would appear to the undersigned that the time has arrived when the privilege of manufacturing vinegar in bond should cease. It is true that establishments involving capital have been allowed to grow up under the existing law, and the withdrawal of the privilege would entail a measure of loss. It is doubtful, however, whether the conversion of existing factories into factories for the production of vinegar from malt would entail a loss of over \$50,000 throughout the whole Dominion, and special privileges, such for instance as a partial refund of the duty on malt used in its production might be granted holders of existing licenses for a fixed period, which, would practically indemnify them against material loss.

20. Appendices *Q* and *R* show the consumption of spirits, tobacco and other goods subject to Excise, and of similar goods imported subject to Customs per head of the population, and also in respect of each Province separately. It must be remembered, however, that a large proportion of the goods entered for consumption at the chief importing centres, is consumed beyond the limits of the Province in which those duties are paid.

21. It may be remarked, that after reducing all spirituous and malt liquors, and wines—domestic and foreign—to the basis of alcohol, the allowance per head of the population for the past decade does not exceed three-quarters of a gallon per annum; barely one-third the quantity per head consumed throughout Europe.

MALT AND MALT LIQUORS :

22. The following statement shows the transactions in Malt during the year 1887-88, and the four years preceding :—

Fiscal Year.	1. In Warehouse at Commencement of Period.	2. Manufactured during the Year.	3. Taken for Consumption.	4. Exported.	5. Otherwise Accounted for.	6. In Warehouse at end of Period.	7. Memorandum of Revenue ac- crued, including License Fees.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	\$
1883-84.....	15,841,489	55,447,616	40,533,102	4,961,383	373,904	25,420,719	419,615
1884-85.....	25,420,719	49,517,962	47,005,917	11,868,299	1,150,502	14,913,873	483,528
1885-86.....	14,910,873	48,212,695	37,604,708	9,793,202	921,201	14,807,457	388,761
1886-87.....	14,807,457	54,662,804	42,630,440	6,064,360	505,077	20,270,384	440,175
Total	70,980,538	207,841,077	167,774,167	32,687,244	2,950,684	75,412,433	1,732,079
Annual average of 4 years ended 30th June, 1887.....	17,745,134	51,960,269	41,943,542	8,171,811	737,671	18,855,108	433,020
1887-88.....	20,270,384	54,282,943	48,640,467	5,470,338	671,943	19,770,599	506,327

23. The exports of malt have decreased as compared with 1886-87 about ten per cent., and an increase has taken place in the quantity entered for consumption in this country of over six million pounds, resulting in an added revenue of \$60,000. This revenue is the largest received from this source since 1878, when the amount which accrued therefrom reached \$530,691, against an accrual during the year 1887-88 of \$506,327. The former, however, resulted from a tax of 2 cents per pound, whereas the existing Excise duty is but one cent. Of the malt entered for consumption 4,606,544 pounds were used in distilleries, and the remainder was used in the production of 15,944,002 gallons of malt liquor. The production of 1887 was 14,786,285 gallons.

TOBACCO:

24. The following table exhibits the transactions during the Fiscal Year in Tobacco, Snuff and Cigarettes:—

Fiscal Year.	1. In Warehouse 1st July.	2. Manufactured during the year.	3. Taken for Consumption.	4. Exported.	5. Otherwise Ac- counted for.	6. In Warehouse 30th June.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
1883-84.....	1,862,892	10,940,469	10,072,681	418,574	74,272	2,237,834
1884-85.....	2,237,834	10,509,217	11,061,514	600,115	59,192	1,026,230
1885-86.....	1,026,230	9,594,121	8,507,074	454,631	46,237	1,612,409
1886-87.....	1,612,409	9,114,944	8,816,573	93,930	25,262	1,791,588
Total.....	6,739,365	40,158,751	38,457,842	1,567,250	204,963	6,668,061
Average for four years ended 30th June, 1898.....	1,684,841	10,039,668	9,614,460	391,813	51,241	1,667,015
1887-88.....	1,791,588	10,608,026	9,248,034	87,720	39,455	3,024,405

25. To the above quantities are to be added the quantity of leaf taken for consumption in a raw state during the same years, which will give the following additional columns:—

Fiscal Year.	7.		8.	9.
	Raw Leaf taken for Consumption.		Total Tobacco taken for Consumption.	Duty Collected thereon, including License Fees.
	Canadian.	Foreign.		
	Lbs.	Lbs.	Lbs.	\$
1883-84.....		64	10,072,745	1,169,490
1884-85.....		75	11,061,589	1,270,933
1885-86.....		142	8,507,216	1,629,604
1886-87.....		20	8,816,593	1,668,002
Totals.....		301	38,458,143	5,738,029
Annual average for four years ended 30th June, 1887.....		75	9,614,535	1,434,507
1887-88.....			9,248,034	1,740,512

26. The following statement shows the quantity of Canadian roll tobacco which paid duty, and the divisions within which such duty was collected. The quantities shown are included in the foregoing statement, (column 3.):—

DIVISIONS.	LICENSES.		Tobacco paid duty during year ended 30th June, 1888.	Duty Collected including Fees.
	No.	Amount.		
		\$	Lbs.	\$ cts.
Cornwall.....	1	2	250	14 50
Ottawa.....			250	12 50
Beauharnois.....			300	15 00
Iberville.....	1	2	280	16 00
Joliette.....	39	78	55,035	2,829 75
Montreal.....	34	68	17,701	953 05
Quebec.....	1	2	1,022	53 10
Terrebonne.....	5	10	2,266	123 30
Total.....	81	162	77,104	4,017 20
Total of previous year.....	83	166	91,593	4,745 65

27. The following is a statement of Canadian tobacco taken for use during the last five years:—

Fiscal Year.	Leaf and Twist paid duty.	Taken for use in Manufac- tories.	Total.
	Lbs.	Lbs.	Lbs.
1883-84.....	232,923	93,881	326,804
1884-85.....	340,874	154,847	495,721
1885-86.....	93,940	305,751	399,691
1886-87.....	91,593	426,223	517,816
1887-88.....	77,104	599,231	676,335

The consumption of excised tobacco has considerably increased, notwithstanding the wide difference between the duty levied in Canada and that levied by the Inland Revenue Department of the United States, the former being 20 cents and the latter 8 cents per pound.

The duty realized from domestic cigars has also been augmented as will be seen by the next succeeding statement. The Department sees in this fact a satisfactory evidence that the system of stamping now carried out in respect of all tobacco, cigarettes and cigars, is a sufficient safe guard against smuggling and illicit manufacture.

The Excise duty accrued from tobaccos of all kinds, including snuff, cigarettes and cigars, was as follows:—

	1887.	1888.
Tobacco, snuff and cigarettes.....	\$1,666,086	\$1,738,454
Cigars.....	515,355	544,729
License fees.....	10,841	11,424
	<u>\$2,192,283</u>	<u>\$2,294,607</u>

Showing an increase in round numbers a trifle over one hundred thousand dollars.

28. The following statement shows the transactions in cigars during the fiscal year ended 30th June, 1888, and the two years preceding:—

Fiscal Year.	1.	2.	3.	4.	5.	6.	7.	8.
	In Warehouse 1st July.	Manufactured during the Year.	Assessment to bring production up to Standard.	Taken for Consumption.	Exported.	Otherwise Accounted for.	In Warehouse 30th June.	Memorandum of Revenue accrued including License Fees.
	No.	No.	No.	No.	No.	No.	No.	\$
1884-85.....	7,070,575	82,352,178	.....	78,869,878	236,375	10,000	10,306,500	318,357
1885-86.....	10,306,500	90,427,275	346,889	92,046,289	124,750	163,000	8,746,625	560,351
1886-87.....	8,746,625	85,587,505	222,223	85,974,823	33,475	45,250	8,505,805	524,281
1887-88.....	8,505,805	93,098,838	47,635	90,783,568	59,500	.....	10,809,270	554,067
Total	34,629,605	351,465,796	616,797	347,671,548	454,100	218,250	38,366,200	1,957,056
Annual average	8,657,376	87,866,449	154,199	86,917,887	113,525	54,562	9,592,050	489,264

29. The revenue derived from goods manufactured in bond during the past five years has been as follows:—

1883-84	39,457
1884-85.....	44,090
1885-86.....	46,523
1886-87.....	50,005
1887-88.....	53,312

For more extended remarks under this head reference is respectfully invited to that portion of the context under the head of SPIRITS.

INSPECTION OF PETROLEUM:

30. The number of packages of Canadian petroleum inspected during the year is 255,627, and the fees collected thereon, \$23,158.80.

31. The number of packages of imported petroleum inspected by officers of this Department is 67,923, and the fees collected thereon, \$13,410.30.

PUBLIC WORKS:

32. The revenue from this source shows a slight decrease after deducting the refunds made under authority of various Orders in Council modifying the tariff.

	1886-87.	1887-88.	Increase.	Decrease.
	\$	\$	Per cent.	Per cent.
Canal Tolls, &c.	321,624	320,300	.....	0.41
Slides and Booms	83,450	67,732	.....	18.83
Hydraulic and other Rents.....	41,700	39,039	.....	6.38
Minor Public Works	1,802	5,582	209.76	\
	448,576	432,653		
LESS—Refunds under Order in Council.	32,615	35,640		
	415,961	397,013		

33. The following statement gives a summary of the Canal Revenue showing increase or decrease on each canal:—

Canals.	1886-87.	1887-88	Increase.	Decrease.
	\$	\$	Per cent.	Per cent.
Welland.....	157,312	154,645	.....	1·63
St. Lawrence.....	81,374	80,187	.....	1·45
Chambly.....	17,326	22,006	27·01	
Ottawa.....	57,732	54,425	.....	5·72
Rideau.....	6,194	5,923	.....	4·37
*Burlington Bay.....				
St. Peter's.....	1,426	2,794	95·91	
Newcastle District.....	360	320	.....	11·11
	321,624	320,300		
Less—Refunds.....	31,391	33,311		
	290,233	286,989		

* Tolls on Burlington Bay Canal were abolished by Act of Parliament passed during the Session of 1886.

34. The following statement will exhibit the increases and decreases upon the Welland Canal and the classes of articles upon which they arose.

	1889-87.	1887-88.	Increase.	Decrease.
	\$	\$	Per cent.	Per cent.
Vessels	14,503	13,286		8.39
Passengers	149	174	16.77	
Produce of Forest	23,273	15,231		34.55
do Animals	620	353		43.06
do Agriculture	68,491	78,780	15.02	
Manufactures and Merchandise	50,171	46,508		7.3
Total Tolls	157,207	154,332		
Fines, Damages, &c	5	312		
Total	157,212	154,644		1.63
Less—Refunds	29,974	32,302		
	127,238	122,342		

The usual statement of grain transhipped at Port Colborne, will be given in the supplementary report for the season of navigation.

Slides and Booms, Hydraulic Rents and Minor Public Works.

35. In respect of these Revenues, it will be observed that there has been a falling off, except as to the latter. They call for no special comment.

CULLING TIMBER :

36. The amount accrued upon culling of timber was, during 1887-88, \$15,095.70; the cost of the service having been \$49,243. With the decay of the square timber trade, the utility of the Culler's Act has diminished. Its provisions have become to a great extent a burden upon the trade.

WEIGHTS AND MEASURES AND GAS :

37. The usual special reports in relation to these services have been prepared, containing full statistical information.

The revenue accrued from these services and from law stamps of the Supreme Court was \$16,034.89, being \$2,412.14 in excess of the previous year.

PREVENTION OF ADULTERATION OF FOOD AND AGRICULTURAL FERTILIZERS:

38. The usual supplementary report in relation to this service will be submitted, containing details of the work done and the reports of the analysts.

INSPECTION OF STAPLES:

39. The usual statistics in relation to this service will be found in Appendices D. and E.

I have the honor to be, Sir,

Your obedient servant,

E. MIALL,
Commissioner.

APPENDIX C.

List of Inspectors and Deputy Inspectors of Staple Articles of Canadian Commerce who are empowered to act under the Inspection Act of 1874, 37 Vic, cap. 45, and amending Acts, made up to the 31st December, 1887; also showing the District for which they are appointed, and the Territory comprised in each District.

District.	Territory comprising District.	Date of Order in Council.	Article.	Name.	Office.	Residence.
<i>Ontario.</i>						
Braut and Haldimand.....	Counties of Braut and Haldimand.....	Sept. 27, 1873	Leather and raw hides	Wm. G. Culbard..	Inspector.....	Paris.
Bruce and Grey.....	do Bruce and Grey.....	do	Fish and fish oils.....	John Campbell.....	Dep. Inspector	Kincardine.
do	do	do	do	Geo. S. Miller.....	do	Owen Sound.
do	do	do	do	do	do	do
Carleton and Russell.....	do Carleton and Russell.....	do	do	do	do	do
Essex, Kent and Lambton.....	County of Essex, Kent and Lambton.....	do	Leather and raw hides.....	Ric'ard Linton.....	Inspector.....	Chatham.
do	do	do	do	Jos. W. Barringer.....	Dep. Inspector	Windsor.
Frontenac, Leeds and Addington.....	do Frontenac, Leeds and Addington.....	do	do	do	do	do
Grenville, Dundas and Stormont.....	do Grenville, Dundas and Stormont.....	do	do	do	do	do
Glengarry and Prescott.....	Counties of Glengarry and Prescott.....	do	Leather and raw hides.....	do	do	do
Hamilton.....	All that territory lying south of the main line of the Grand Trunk Railway (not incorporated in the Division of Toronto) and east of the Port Dover and Lake Huron Railway.....	do	do	do	do	do
do	City of Hamilton.....	Nov. 10, 1885	Wheat and other grain	Edward Adamson.....	Inspector.....	Hamilton.
Kingston.....	Comprising all that portion of Ontario lying west of the Kingston and Pembroke Railway, and east of the eastern boundaries of the Counties of Ontario, Muskoka and Parry Sound.....	Aug. 29, 1873	Leather and raw hides.....	James Brown.....	do	do
do	City of Kingston.....	Nov. 10, 1885	Wheat and other grain	Wm. Bletcher.....	do	Port Hope.
		Aug. 29, 1873	Leather and raw hides.....	Peter McKim.....	do	Kingston.

List of Inspectors and Deputy Inspectors of Staple Articles of Canadian Commerce, &c.—Continued.

District.	Territory comprising District.	Date of Order in Council.	Article.	Name.	Office.	Residence.
Ontario—Continued.						
Lennox and Renfrew.....	Counties of Lanark and Renfrew.....	Sept. 27, 1873	Beef and pork.....	Wm. Gardner.....	Inspector.....	Dalhousie.
do Lennox and Prince Edward.....	do Lennox and Prince Edward.....	do	do	do	do	do
do Lincoln and Welland.....	do Lincoln and Welland.....	do	do	do	do	do
do London.....	All that territory lying south of the line of the Grand Trunk Railway and west of the line of the Port Dover and Lake Huron Railway.....	Nov. 19, 1885	Wheat and other grain.....	Simpson Thompson.....	Inspector.....	London.
do Middlesex and Elgin.....	City of London.....	Aug. 29, 1873	Leather and raw hides.....	Michael Cairns.....	Inspector.....	St. Catharines.
do	Counties of Middlesex and Elgin.....	Sept. 27, 1873	do	do	do	do
Northumberland and Hastings.....	do Northumberland and Hastings.....	do	Leather and raw hides.....	John Hodge.....	Inspector.....	Belleville.
do Ontario and Durham.....	do Ontario and Durham.....	do	do	do	do	Port Hope.
do Oxford and Norfolk.....	do Oxford and Norfolk.....	do	do	Wm. Bletcher.....	do	do
do Ottawa.....	Comprising all that portion of Ontario lying east of the Kingston and Pembroke Railway.....	Nov. 10, 1885	Wheat and other grain.....	W. J. McNeil.....	Inspector.....	Kingston.
do	City of Ottawa.....	Aug. 29, 1873	Leather and raw hides.....	Francis McCullough.....	do	Ottawa.
do	Counties of Perth and Huron.....	Sept. 27, 1873	do	John Meyers.....	do	Stratford.
do	do Peterborough and Victoria.....	do	do	do	do	do
do	Comprising all that territory lying north of the Grand Trunk Railway between Guelph and Saruia, and west of the western boundary of the Toronto Division, also all stations upon the line of the Grand Trunk and Georgian Bay Extension between Stratford and Wiarton.....	Nov. 10, 1885	Wheat and other grain.....	do	do	do

Toronto	Beginning at the western boundary of the Kingston Division, thence westerly along the north shore of Lake Ontario to Burlington, thence northerly along the route of the Hamilton and North-Western Railway to Georgetown, thence westerly to Guelph, along the line of the Grand Trunk Railway, and thence northerly by the westernmost route of the Wellington, Grey and Bruce Railway to Kincardine, excepting thereout all stations upon the line of the Grand Trunk and Georgian Bay Extension, which shall be deemed to be within the Inspection Division of Stratford.	Nov 10, 1885	Wheat and other grain.	Joseph Harris.	Inspector	Toronto.	
do	City of Toronto and Counties of York and Peel.	April 26, 1875	Flour and meal.		do	do	
do	City of Toronto and Counties of York and Peel.	April 26, 1875	Leather and raw hides.	John C. Howe.	do	do	
Port Arthur	Town of Port Arthur and the territory adjacent thereto and comprised within a radius of 15 miles.	Sept. 11, 1885	Wheat and other grain.	Frank E. Gibbs.	do	Port Arthur.	
do	Counties of Simcoe and Algoma.	Sept. 27, 1873	Fish and fish oils.	Pat. Doherty.	do	Collingwood.	
do	Wellington and Waterloo	do					
do	Wentworth and Halton.	do					
<i>Quebec.</i>							
Drummond and Arthabaska	Counties of Drummond and Arthabaska	Sept. 13, 1877					
Gaspé and Bonaventure.	do Gaspé, Bonaventure and the Magadalen Islands	Oct. 19, 1877					
Hochelaga.	County of Hochelaga	April 12, 1886	Leather and raw hides.	Flavien Genest.	Inspector.	Hochelaga.	
Lévis	Counties of Lévis, Lotbinière, Bellechasse and Dorchester.	March 15, 1886	do	E. Lemieux.	do	Lévis.	
do	City of Montreal	Aug. 19, 1873	Flour and meal.	Louis A. Boyer.	do	Montreal.	
do	do	do	do	J. C. Gingras.	Dep. Inspector	do	
do	do	do	Wheat and other grain	Hospice Labelle.	Inspector.	do	
do	do	do	do	W. E. Scott.	Dep. Inspector	do	
do	do	do	Beef and pork.	James Doherty	Inspector	do	
do	do	do	Ashes.	Edward J. Major.	do	do	
do	do	do	Fish and fish oils		Inspector.	do	
do	do	do	Leather and raw hides.	Thos. Hawkins.	Dep. Inspector	do	
do	do	do	do	Antoine Masson.	do	do	
do	do	do	do	D. Sykes.	do	do	
Ottawa, County of.	County of Ottawa, including City of Hull	Feb. 5, 1884	Leather and raw hides.	B. Simard	Inspector.	Hull.	

List of Inspectors and Deputy Inspectors of Staple Articles of Canadian Commerce, &c.—Continued.

District.	Territory comprising District.	Date of Order in Council.	Article.	Name.	Office.	Residence.
Quebec—Continued.						
Quebec	City of Quebec	Aug. 29, 1873	Flour and meal	Benjamin Rousseau	Inspector	Quebec.
do	do	do	do	Philéas Rousseau	Dep. Inspector	do
do	do	do	Beef and pork	David Nolan	Inspector	do
do	Counties of Quebec, Montmorency, Charlevoix, Saguenay and Chicoutimi, for the purposes of Inspection of fish and fish oils	April 29, 1878	Fish and fish oils	Hilaire Grenier	do	do
do	do	do	do	Louis Côté	Dep. Inspector	do
do	do	do	do	F. Grenier	do	do
do	do	do	do	W. Sutherland	do	do
do	do	do	do	J. Mathieu	do	do
do	do	do	do	J. Roe	do	do
do	do	do	Leather and raw hides	Aldéric Fortin	Inspector	do
do	City of Quebec	do	do	Joseph Légaré	Dep. Inspector	do
do	do	do	do	Pierre Fatoine	Inspector	do
do	do	do	Butter			
Temiscouata and Kamouraska.	Counties of Temiscouata and Kamouraska	April 1, 1875				
New Brunswick.						
Carleton	That portion of the County of St. John, including Town of Carleton, lying to the west of the river	March 18, 1876	Fish and fish oils	S. L. Britain	Inspector	Carleton.
Gloucester	County of Gloucester	Oct. 12, 1875	do	Peter Haché	do	Caracette.
do	do	do	do	P. L. Commeau	Dep. Inspector	Petit Roche.
Northumberland	do Northumberland	April 26, 1880				
Restigouche	do Restigouche	May 23, 1882	Fish and fish oils			
St. John	That portion of the City and County of St. John, lying to the east of the river	March 18, 1876	do	F. W. Thomson	Inspector	St. John.
do	do	do	Leather and raw hides		do	do
do	do	do	do	Chas. Clarke	Dep. Inspector	do
do	do	do	do	Geo. Murdock	do	do

List of Inspectors and Deputy Inspectors of Staple Articles of Canadian Commerce, &c.—Continued.

District.	Territory comprising District.	Date of Order in Council.	Article.	Name.	Office.	Residence.
<i>Nona Sectia</i> —Continued.					Dep. Inspector.	
Guyborough.	County of Guyborough.	Oct. 16, 1873.	Fish and fish oils.	Thomas Cordon	do	Guyborough.
do	do	do	do	John Cross	do	Port Beckerton.
do	do	do	do	R. F. Cunningham	do	Cape Canso.
do	do	do	do	Wm. DesBares	do	Guyborough.
do	do	do	do	Patrick Dunfee	do	Canso.
do	do	do	do	J. H. Feltmate	do	White Head.
do	do	do	do	Joseph Fongere	do	Larry's River.
do	do	do	do	C. M. Francheville	do	Guyborough.
do	do	do	do	Gasper Grover	do	Cole Harbor.
do	do	do	do	John W. Hadley	do	Guyborough.
do	do	do	do	Jos. W. Hadley	do	do
do	do	do	do	Andrew Haley	do	White Head.
do	do	do	do	J. hn W. Hamilton	do	Cape Canso.
do	do	do	do	Wm. C. Harris	do	White Head.
do	do	do	do	Jas. E. Hart	do	do
do	do	do	do	Louis Hudson	do	Isaac Harbor.
do	do	do	do	Edward Langley	do	Seal Harbor.
do	do	do	do	Thos. Martin	do	Auld's Cove.
do	do	do	do	Luke Minnot	do	Larry's River.
do	do	do	do	F. C. Morris	do	Canso.
do	do	do	do	Donald McGregor	do	Guyborough.
do	do	do	do	McL. McKenzie	do	Cow Harbor.
do	do	do	do	W. S. Peart	do	Guyborough.
do	do	do	do	Benjamin Pebrine	do	Larry's River.
do	do	do	do	Frederick Pebrine	do	do
do	do	do	do	Wm Purcell	do	Port Mulgrave.
do	do	do	do	Chas. Richard	do	Charlo's Cove.
do	do	do	do	John Roberts	do	Canso.
do	do	do	do	Andrew T. Sangster	do	New Harbor.
do	do	do	do	John P. Sangster	do	do
do	do	do	do	John Sponagle	do	Coddle's Harbor
do	do	do	do	Geo. Tanner	do	Cole Harbor.
do	do	do	do	James Tovey	do	Guyborough.
do	do	do	do	Patrick Walsh	do	do
do	do	do	do	A. N. Whitman	do	Canso.

Guysboro', St. Mary's.....	Township of St. Mary's.....	Mar. 18, 1875	Alexander Rudolph.....	Inspector.....	Liscomb.
Halifax.....	do	do	James Pyle.....	Dep. Inspector.....	Halifax.
do	do	do	George Worth.....	Inspector.....	do
do	do	do	E. Ryan.....	do	do
do	do	do	Enos Baker.....	Dep. Inspector.....	Jeddore.
do	do	do	Abraham Bayers.....	do	Petpeswick
do	do	do	Fred. Boutillier.....	do	Indian Harbor.
do	do	do	G. P. Boutillier.....	do	French Village.
do	do	do	John Brooks.....	do	Ferguson's Cove
do	do	do	Jason Chapman.....	do	Ship Harbor.
do	do	do	Jas. W. Christian.....	do	Upper Prospect.
do	do	do	Patrick Christian.....	do	do
do	do	do	Simon Cleveland.....	do	West Dover.
do	do	do	Jas. E. Conrad.....	do	Hubbard's Cove
do	do	do	Jas. A. Coolen.....	do	Upper Prospect.
do	do	do	Jas. H. Coolen.....	do	do
do	do	do	William E. Coolen.....	do	Blind Bay.
do	do	do	Wm. Condon.....	do	Shad Bay.
do	do	do	Robert Connors.....	do	Egg Island.
do	do	do	Anthony Cooper.....	do	Dover.
do	do	do	Thos. Cooper.....	do	Tangier.
do	do	do	James Cornelius.....	do	Jeddore.
do	do	do	Isaac Croucher.....	do	Boutillier's Cove
do	do	do	Archibald Darrab.....	do	French Village.
do	do	do	Peter Dauphine.....	do	Herring Cove.
do	do	do	Thos. Doyle.....	do	Hubbard's Cove.
do	do	do	James Fader.....	do	Halifax.
do	do	do	Jeremiah Fillis.....	do	West Dover.
do	do	do	Peter Fleming.....	do	3-Fathom Harbor
do	do	do	Richard J. Fleming.....	do	Ketch Harbor.
do	do	do	James Fortune.....	do	do
do	do	do	Wm. Fraser.....	do	Halifax.
do	do	do	James Fraser.....	do	Seaforth L. Ward
do	do	do	Charles Fulker.....	do	Dover.
do	do	do	Sydney Garrison.....	do	S. E. Passage.
do	do	do	James M. Gates.....	do	Peggy's Cove.
do	do	do	Andrew Gray.....	do	Seaforth.
do	do	do	John Hayes.....	do	Sambro.
do	do	do	Jas. Hearn.....	do	do
do	do	do	John A. Hearn.....	do	Herring Cove.
do	do	do	George Herdling.....	do	Upper Prospect.
do	do	do	Charles Holland.....	do	do
do	do	do	Ephraim Hubley.....	do	Bay of Islands.
do	do	do	Isaac Hubley.....	do	Duncan's Cove.
do	do	do	James Hubley.....	do	St. Mary's Cove.
do	do	do	do	do	St. Mary's Bay,
do	do	do	do	do	Black Point.
do	do	do	do	do	French Village.
do	do	do	do	do	St. Mary's Bay,
do	do	do	do	do	Black Point.

List of Inspectors and Deputy Inspectors of Staple Articles of Canadian Commerce, &c.—Continued.

District.	Territory comprising District.	Date of Order in Council.	Article.	Name.	Office.	Residence.
<i>Nova Scotia—Continued.</i>						
Halifax.....	City and County of.....	Oct. 16, 1873	Fish and fish oils.....	Judson Habley.....	Dep. Inspector	Indian Harbor.
do	do	do	do	Edward Johnston.....	do	Bear Cove.
do	do	do	do	Wm. Johnston.....	do	Herring Cove.
do	do	do	do	Peter Jollimore.....	do	Turn's Bay.
do	do	do	do	John Julian.....	do	Chezetcook.
do	do	do	do	Maurice Kavanagh.....	do	Halifax.
do	do	do	do	Geo. Lapierre.....	do	Chezetcook.
do	do	do	do	Geo. Leslie.....	do	Spry Bay.
do	do	do	do	Thomas Lynch.....	do	Dover.
do	do	do	do	Simon Mackay.....	do	Ketch Harbor.
do	do	do	do	George Murrayatt.....	do	Pennant.
do	do	do	do	Jacob E. Murrayatt.....	do	Pennant.
do	do	do	do	Francis Mason.....	do	St. Mary's Bay.
					do	Inkerman H.
do	do	do	do	Isaac Melvin.....	do	Halifax.
do	do	do	do	Joseph D. Merlin.....	do	Upper Prospect.
do	do	do	do	Peter Mitchell.....	do	Ship Harbor.
do	do	do	do	John Mongovan.....	do	Lawrence Town.
do	do	do	do	William Monk.....	do	Ship Harbor.
do	do	do	do	James Morash.....	do	Dover West.
do	do	do	do	Joseph Mulcahy.....	do	Halifax.
do	do	do	do	Thomas Mullins.....	do	do
do	do	do	do	James Mullins.....	do	Upper Prospect.
do	do	do	do	Wm. McCarthy.....	do	Taylor's Head.
do	do	do	do	Charles McLean.....	do	Hubbard's Cove.
do	do	do	do	Wm. McLean.....	do	do
do	do	do	do	Wm. McLellan.....	do	Ferguson's Cove
do	do	do	do	Thomas Noonan.....	do	do
do	do	do	do	Martin O'Neil.....	do	Upper Prospect.
do	do	do	do	Mark Power.....	do	Portuguese Cove
do	do	do	do	James Publicover.....	do	Herring Cove.
do	do	do	do	Henry Quan.....	do	Ecum Secum
do	do	do	do	David Redmond.....	do	Portuguese Cove
do	do	do	do	Michael Rice.....	do	Shad Bay.
do	do	do	do		do	Lower Prospect.

List of Inspectors and Deputy Inspectors of Staple Articles of Canadian Commerce, &c.—Concluded.

District.	Territory comprising District.	Date of Order in Council.	Article.	Name.	Office.	Residence.
<i>Nova Scotia</i> —Concluded.						
Lunenburg	County of Lunenburg	Oct. 16, 1873	Fish and fish oils	Wm. Thomas	Dep. Inspector	Big Tancook
do	do	do	do	George Verge	do	Lodge, H. Cove
do	do	do	do	James Wilson	do	Indian Point
do	do	do	do	George Young	do	Mill Cove
do	do	do	do	Wm. Young	do	Big Tancook
do	do	do	do	John Zinc	do	Blandford
Pictou	County of Pictou	do	Leather	John Sutherland	Inspector	Pictou
do	do	do	Hides	Charles Wilson	do	do
Queen's	County of Queen's	Feb. 28, 1881	Fish and fish oils	Colin Campbell	do	Liverpool
Richmond	County of Richmond, exclusive of territory set apart as the District of Isle Madame	do	do	Maurice J. Kavanagh	do	St. Peter's, C.B.
do	do	Oct. 16, 1873	do	Simon Ceannan	Dep. Inspector	Point Michaud
do	do	do	do	E. Malcolm	do	Cariboo Cove
do	do	do	do	Fred. Mauborget	do	Upper L'Ardoise
do	do	do	do	Colin McDonald	do	Fouchu
do	do	do	do	John McDonald	do	St Peter's
do	do	do	do	Alex. McKay	do	Grand River
do	do	do	do	Alex. McKillop	do	L'Archeveque
do	do	do	do	Chas. P. Samson	do	Lower L'Ardoise
do	do	do	do	John Walker	do	River Inhabit'rs
Shelburne	Township of Shelburne	April 20, 1876	do	J. A. Matheson	Inspector	S. Bay, Ingoniah
Victoria	County of Victoria	Oct. 16, 1873	do	George Fader	Dep. Inspector	Englishtown
do	do	do	do	Murdoch McDonald	do	Neil's Harbor
do	do	do	do	John McNeil	do	Ingonish
do	do	do	do	Hugh McQueen	do	North Shore
do	do	do	do	Isaac Roper	do	Ingonish
Windsor	Township of Windsor, in County of Hants	April 3, 1884	Leather and raw hides	J. B. Worthyake	Inspector	Winds r.
Yarmouth	County of Yarmouth	do	Fish and fish oils	do	do	do
<i>Prince Edward Island</i>						
Charlotte town	Province of Prince Edward Island	June 22, 1886	do	Nathan Davies	Inspector	Charlottetown.

Prince	County of Prince.....	do	19, 1886	do	Inspector.....	Winnipeg.
<i>Manitoba.</i>					Dep. Inspector	do
Winnipeg	City of Winnipeg.....	do	Aug. 20, 1884	Wheat and other grain	Inspector.....	Winnipeg.
do	do	do	do	do	Dep. Inspector	do
do	do	do	do	Leather and raw hides	Inspector.....	do
				W. J. Bird.....		

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX

STATEMENT showing Quantity of certain Staple Articles of Canadian
ended 30th June, 1888, and the Fees accrued thereon, as returned to

FLOUR.

Division.	Super. Extra.		Extra Superfine.		Fancy Superfine.	
	Brls.	Bags.	Brls.	Bags.	Brls.	Bags.
Quebec	3,051	.....	11,577	.....	745	125
Montreal	40,262	422	13,151	988	6,171	106
Total	43,313	422	24,728	988	6,916	231

FLOUR—

Division.	Pollards.		Strong Bakers.	
	Brls.	Bags.	Brls.	Bags.
Quebec.....	.....	.....	300	.....
Montreal.....	236	392	.....	776
Total.....	236	392	300	776

WHEAT AND

Division.	Wheat.										
	Winter.						Mixed.			Manitoba Hard.	
	No. 1 W.	No. 2 W.	No. 1 R.	No. 2 R.	No. 3.	Re-jected	No. 2.	No. 3	Re-jected	No. 1.	No. 2.
	Ctls	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.
Montreal .....	.....	300	25,140	59,240	900	10,560	.....	.....	.....	102,720	11,040
Kingston .....	.....	1,500	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toronto	900	85,240	3,454	18,998	940	.....	10,160	16,360	600	9,200	11,000
Port Arthur .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	739,848	657,993
Winnipeg.....	.....	.....	.....	.....	.....	.....	.....	.....	390	227,750	256,950
Total	90	87,040	28,594	78,238	1,840	10,560	10,160	16,360	990	1,079,518	936,983

Commerce, inspected under provisions of 37 Vic., cap. 45, during the Year the Department of Inland Revenue, by the respective Inspectors

Spring Extra.		Patent Winter.	Patent Spring.	Straight Roller.	Extra.		Superfine.		Fine.		Fine Middlings.	
Brls.	Bags.	Brls.	Brls.	Brls.	Brls.	Bags.	Brls.	Bags.	Brls.	Bags.	Brls.	Bags.
4,476							3,172		1,456		553	
9,137	97	1,486	937	8,029	9,613	75	8,382	127	3,555	920	3,302	656
13,613	97	1,486	937	8,029	9,613	75	11,554	127	5,011	920	3,855	656

Concluded.

On Sample.		Sour.		Rejected.		No Grade.		Fees.
Brls.	Bags.	Brls.	Bags.	Brls.	Bags.	Brls.	Bags.	
								\$ cts.
4,368						2,456		771 18
	4,372	5,796	1,653			564	1,347	2,388 36
4,368	4,372	5,796	1,653	3,020	1,347	2,499	351	3,159 54

OTHER GRAIN.

Wheat.

Northern.				Canada Hard.	Frosted.					No Grade, Condemned.		Spring.	
No. 1.	No. 2.	No. 3.	Re-jected	No. 2.	No. 1.	No. 2.	No. 3.	Re-jected			No. 1.	No. 2.	
Centals	Ctls	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	
244,880	12,900		22,740		23,220	9,660	360				1,265,450	204,480	
11,780	14,400			2,800							15,660	2,100	
1,802,012	464,483	58,960			360	2,680	2,590	720	360		5,400	42,730	
919,080	402,000	29,640							167,700	2,730	93,964	40,560	
2,977,752	893,783	88,600	22,740	2,800	23,580	12,340	2,950	720	168,060	2,730	1,380,474	292,450	

STATEMENT showing Quantity of certain Staple
WHEAT AND OTHER

Division.	Wheat.		Other Grain.							
	Spring.		Corn.				Oats.			
	No. 3.	Re-jected.	No. 2 W.	No. 1.	No. 2.	Re-jected	No. 1.	No 2.	No. 3.	Re-jected.
	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.
Montreal	10,800	11,940	151,256	.....	295,160	.....	.....	32,762	5,120	2,560
Kingston.....	.....	.....	.....	300	400	750	1,900	17,840	.....	6,900
Toronto.....	6,740	14,640	.....	.....	.....	.....	.....	16,140	.....	2,380
Port Arthur.....	7,010	360	.....	.....	.....	.....	.....	.....	.....	.....
Winnipeg.....	.....	180,930	.....	.....	.....	.....	.....	.....	.....	.....
Total	24,550	207,810	151,256	300	295,560	750	1,900	66,742	5,120	11,840

BEEF AND

Division.	Beef.		
	Mess.	Prime Mess.	Rejected.
	Brls.	Brls.	Brls.
Quebec.....	263	252	7
Montreal .....	.....	.....	.....
Total	263	252	7

ASHES.

Division.	Pot.	
	First Sort.	Second Sort.
	Brls.	Brls.
Montreal.....	3,283	565

Articles of Canadian Commerce Inspected, &c.—Continued.

GRAIN—Continued.

Other Grain.											Fees.
Peas.				Barley.							
No. 1.	No. 2.	No. 3.	Re-jected.	No. 1.	No. 2.	No. 3 Extra.	No. 3.	No. 4.	No Grade.	Re-jected.	\$ cts.
Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	Ctls.	
600	806,760	50,520	29,298	864	11,338	17,064	240	900			2,206 65
150	600 19,804	300		111,140	97,980	14,160	6,860			7,560	334 50
			390	232,572	544,633	222,100	6,300			360	2,188 52
				780	390	2,340	53,040		3,120	49,530	6,186 10
750	827,164	50,820	29,688	345,356	654,341	238,600	83,504	900	3,120	57,450	3,753 80
											14,669 57

PORK.

Pork.					Fees.
Mess.	Prime Mess.	Thin Mess.	Extra Prime.	Rejected.	
Brls.	Brls.	Brls.	Brls.	Brls.	\$ cts.
958	33	15	124	37	417 00
565		28		12	242 00
1,523	33	43	124	49	659 00

Pearl.				Fees.
Third Sort.	First Sort.	Second Sort.	Third Sort.	
Brls.	Brls.	Brls.	Brls.	\$ cts.
28	424	19		4,268 85

STATEMENT showing Quantity of certain Staple

PICKLED

Division.	Salmon.			Sea Trout.		Lake Trout.	Mackerel.	
	Tierces.	Brls.	½ Brls.	Brls.	½ Brls.	½ Brls.	Brls.	½ Brls.
Quebec	3	427	19	49	20			
Carleton, N.B.								
St. John		2,498	22	24	2		11,011	434
Halifax								
Annapolis								
Cape Breton		11					1,131	7
Isle Madame							691	186
Lunenburg							4,006	39
St. Mary's, Guysboro'							7	8
Victoria		65	4				835	47
Simcoe and Algoma						423		
Totals	3	3,001	45	73	22	423	18,281	721

FISH

Division.	Whale Oil.						Seal Oil.			
	No. 1 Pale.		No. 2 Straw.		No. 3 Brown.		No. 2 Pale.		No. 3 Straw.	
	Tierces.	Brls.	Tierces.	Brls.	Tierces.	Brls.	Tierces.	Brls.	Tierces.	Brls.
Quebec	1	1	1	1		1	67	2	1,518	64
St. John										
Halifax	2	16	17		8		748		185	2
Isle Madame										
Lunenburg										
Totals	3	17	18	1	8	1	815	2	1,703	66

Articles of Canadian Commerce Inspected, &c.—*Concluded.*

FISH.

Herring.			Newfound-land Herring.	Gaspareaux and Alewives.		Shad.		Codfish.		White-fish.	Other Fish.		Fees.
Brls.	1/2 Brls.	Boxes.	Brls.	Brls.	1/2 Brls.	Brls.	1/2 Brls.	Brls.	1/2 Brls.	1/2 Brls.	Brls.	1/2 Brls.	
9,545	402												\$ cts.
117	2,172		105	2,227		20		5,803	11		35	1	860 64
2,466	3,626			529		10							186 90
7,346	482			860	29	4		1,750	52				259 48
105	350												2,169 50
1,702	26							400					17 85
1,037	999	72		121	2								271 03
1,998	4			5									217 73
365	17			14	3								590 26
456								243					27 81
										62			146 17
													46 64
25,137	8,078	72	105	3,756	34	4	30	8,196	63	62	35	1	2,624 51

OILS.

No. 4 Brown.		No. 5 Dark Brown.		Porpoise Oil.			Cod Oil.		Herring Oil.		Hake Oil.	Other Fish Oil.		Fees.	
Tierces.	Brls.	Tierces.	Tierces.	Tierces.	Tierces.	Brls.	Tierces.	Brls.	Tierces.	Brls.	Tierces.	Tierces.	Brls.		
106	9	146	4	28	5	2,014	177	26	25	4		13	1	\$ cts.	
137	2	16	2			286	286	33	32	9	153			829 40	
						1,907	220	41	1		6			70 35	
						24								656 05	
						293		14						4 65	
243	11	162	6	28	5	4,238	683	81	34	57	13	159	13	1	61 40
															1,621 85

LEATHER AND RAW HIDES.

Division.	Leather.			Hides.				Calf Skins.			Fees.
	1.	2.	3.	1.	2.	3.	Measured by superficial feet.	1.	2.	3.	
	Sides.	Sides.	Sides.								\$ cts.
Montreal.....	91,700	111,244	31,116	58,700	18,284	7,999					8,962 04
Quebec.....	12,400	21,350	7,520	11,935	7,680	895	165,550				3,351 00
Belleville.....				6,053	914	98					352 75
Hamilton.....				18,620	6,356	463		5,911	2,834		1,599 31
Kingston.....				10,549	1,220	801					628 95
London.....				5,689	2,592			3,251			576 20
Ottawa.....				7,288	4,074	937					615 30
Toronto.....				54,149	33,463	2,434		7,951	4,012	12	5,101 85
Brant and Haldimand Essex, Kent and Lambton.....				690	160	9		121	39	16	51 75
Lincoln and Welland Perth and Huron.....				2,681	836	14		220	77		173 39
Fredericton.....				4,49	401	118		1,104	220	1	284 54
St. John.....				2,165	342	44		405	180		154 10
Halifax.....				2,374	217	6					123 84
Charlottetown.....				7,837	1,173	7					452 05
Winnipeg.....				9,471	518	241					517 95
				1,123	125	1					62 35
				7,456	6,748	880		677	434	23	810 65
Total.....	104,100	132,594	38,636	211,272	85,103	14,947	165,550	19,640	7,796	52	23,818 02

E. MIALI,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX C.

STATEMENT showing the Number of Illicit Stills seized during the Fiscal Year ended 30th June, 1888, with Names of Owners, Schedule Value, &c.

Date.	Name.	No.	Schedule Value.	Division.	Remarks.
			\$ cts.		
Aug. 4, 1887	M. Bryden.....	14	117 90	Cape Breton...	Fine of \$200 imposed and 2 months in gaol.
do 23, 1887	M. J. McCarthy.....	9	80 00	Charlottetown	Escaped.
Dec. 24, 1887	do	10	98 70	do	
do 10, 1887	A. Robertson.....	85	1 00	Guelph	Fine of \$100 imposed and 1 month in gaol.
July 25, 1887	James McDonald.....	77	20 00	Halifax.....	do do
do 25, 1887	Geo. Barker.....			do	do do
Sept. 15, 1887	Wm. Thomas.....	80	4 00	do	
do 22, 1887	Wm. Hannah.....	81	101 75	do	
do 22, 1887	J. Furlong.....				
Nov. 8, 1887	F. Regan.....	83	151 00	do	Fine of \$300 imposed and 4 months in gaol.
April 21, 1888	R. Embrey.....	102	55 00	do	
Sept. 21, 1887	N. Rosgill.....	19	14 00	Owen Sound...	Acquitted.
Jan. 17, 1888	T. Martin.....	20	25 00	do	Fine of \$100 imposed and 1 month in gaol.
do 23, 1888	T. O'Neill.....	21	10 00	do	Fine of \$500 imposed.
do 23, 1888	H. Tyndall.....	21		do	do \$50 do
Sept. 20, 1887	J. Martineau.....	75	3 00	Joliette.....	
Ang. 13, 1887	Wm. McDonald.....	44	119 50	Picton.....	Fine of \$100 imposed and 1 month in gaol.
do 13, 1887	E. Jordan.....	44		do	do do
Dec. 12, 1887	D. Fraser.....	46	60 00	do	do do
Feb. 7, 1888	A. & J. Kennedy.....	48	40 00	do	No conviction.
July 30, 1887	Victor Potvin.....	180	15 00	Quebec.....	
Aug. 6, 1887	Victor Laberge.....	181	6 00	do	
Sept. 28, 1887	N. Germain.....	184	10 00	do	
do 28, 1887	C. Fournier.....	191	2 00	do	
Dec. 19, 1887	Z. Hamelin.....	207	35 00	do	
do 19, 1887	J. Coté.....	208	25 00	do	
March 2, 1888	F. Boucher.....	215	15 00	do	Fine of \$50 imposed.
do 2, 1888	D. Nadeau.....	216	12 00	do	do 75 do
do 7, 1888	E. Chouinard.....	218	18 00	do	do 50 do
do 7, 1888	T. Chouinard.....	219	18 00	do	do 50 do
do 2, 1888	F. Rodrigue.....	220	12 00	do	do 50 do
do 14, 1888	E. Vezina.....	221	58 00	do	
May 25, 1888	L. Bergeron.....	223	5 00	do	
July 13, 1887	Allan Boyd.....	90	32 00	{ Stratford.....	Fine of \$100 imposed and 1 month in gaol.
do 13, 1887	Benjamin Brandt... }				
do 21, 1887	T. Davidson.....	91	12 50	do	Fine of \$500 imposed and 6 months in gaol.
April 10, 1887	P. Gallagher.....	92	10 00	do	Fine of \$250 imposed. do 100 do and 1 month in gaol.
Ang. 5, 1887	D. Gilchrist.....			Toronto.....	Fine of \$100 imposed.
Jan. 18, 1888	Henry Lake.....	190	34 00	do	
April 29, 1888	C. Lachapelle.....	191	30 60	do	Fine of \$100 imposed and 1 month in gaol.
May 21, 1888	John Holman.....	192	35 00	do	do do
Dec. 29, 1887	E. Caron.....	61	8 00	Three Rivers...	
March 19, 1888	John Begg.....	13	50 00	Victoria.....	Fine of \$200 imposed.

E. MIALL,

Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

FINANCIAL RETURNS, 1887-88.

CR.

DR. NO. 1.—GENERAL REVENUE ACCOUNT, 1887-88.

CR.

Memo. of Refunds deducted below.	Amounts deposited to the credit of the Receiver General.	Authorized Abatements.	Balances due 30th June, 1888.	Total.	SERVICE.	Revenue of previous Years not collected 1st July, 1887.	Revenue Accrued, 1887-88.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.
34,701 11	6,119,455 56	265 53	25,213 30	6,144,929 59	Excise and Seizures, per Statement No. 3.....	134,368 59	6,010,560 80	6,144,929 39
33,311 25	318,179 51	.....	3,883 19	322,062 70	Canals, per Statement No. 5.....	1,762 77	320,299 93	322,062 70
2,328 26	48,979 34	.....	105,883 01	154,862 35	Slides and Booms, per Statement No. 7.....	87,130 53	67,731 82	154,862 35
.....	33,158 58	297 09	145,537 16	178,992 83	Hydraulic and oth r Rents, per Statements Nos. 5 and 9.....	139,953 50	39,039 33	178,992 83
.....	1,169 88	.....	24,590 25	25,760 13	Minor Public Works, per Statements Nos 5 and 10.....	20,177 75	5,582 38	25,760 13
.....	16,827 42	.....	41,565 37	58,392 79	Culling Timber, per Statement No. 11.....	43,297 09	15,095 70	58,392 79
75 00	47,294 43	.....	3,766 78	51,061 21	Weights and Measures, Gas and Law Stamps, per Statements Nos. 22, 23 (A), 23 (B) and 24.....	5,028 32	46,032 89	51,061 21
.....	.....	.....	45 04	45 04	Bill Stamps, as per Statements Nos. 13 and 14.....	45 04	.....	45 04
.....	56 15	.....	.....	56 15	Sundry Minor Revenues, per Statement No. 15.....	.....	36 15	56 15
.....	6,585,120 87	.....	.....	6,936,162 59	.....Less—Refunds, as per Statement No. 20.....	.....	6,504,399 00	6,936,162 59
70,415 62	70,415 62	.....	.....	70,415 62	Totals.....	431,763 59	70,415 62	70,415 62
.....	6,514,705 25	552 62	350,489 10	6,865,746 97	.....	.....	6,433,983 38	6,865,746 97

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

DR.

No. 2.—GENERAL EXPENDITURE.

Amounts due to Collectors, &c., 1st July, 1887.	EXPENDITURE AUTHORIZED BY DEPARTMENT.					Refunds	Amounts due by Collectors, &c., 30th June, 1888.	Total.
	Salaries.	Contingencies.	Seizures.	Cullers' Fees.	Cullers' Annuities			
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
49 08	254,098 40	100,940 83	1,379 73	.....	.....	400 00	913 98	357,782 02
1 00	31,375 20	7,482 12	.....	.....	.....	.....	.....	38,858 32
.....	18,849 92	2,361 70	.....	.....	.....	.....	.....	21,211 62
.....	15,500 00	6,508 70	.....	22,268 30	5,433 36	.....	75 00	49,785 36
.....	.....	.....	6,350 04	.....	.....	.....	.....	6,350 04
.....	4,603 23	22,800 17	.....	.....	.....	.....	0 20	27,403 60
.....	47,946 87	6,928 44	.....	.....	.....	.....	16 66	54,891 97
.....	48,870 61	18,568 82	31 25	.....	.....	.....	193 26	67,663 94
.....	11,876 27	9,018 71	.....	.....	.....	.....	12 88	20,907 86
50 08	433,120 50	174,609 49	7,761 02	22,268 30	5,433 36	400 00	1,211 98	644,854 73

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

SERVICE.	Amounts due by Collectors, &c., 1st July, 1887.	Amounts disbursed by the Receiver-General on requisition of the Department.	Amounts deducted from Salaries for Superannuation.	Amounts due to Collectors, &c., 30th June, 1888.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Excise and Seizures, per Statement No. 4...	768 98	351,990 89	4,973 07	49 08	357,782 02
Canals, per Statement No. 6.....		38,281 31	576 01	1 00	38,858 32
Slides and Booms, per Statement No. 8.....		20,864 14	347 48		21,211 62
Cutting Timber, per Statement No. 12.....	249 88	49,243 28	292 20		49,785 36
Seizures distributed, per Appendix B.....		6,350 04			6,350 04
Sundry Minor Expenditure, per Statement No. 16.....		27,310 79	92 81		27,403 60
Departmental Expenditures, per Statement No. 21.....	16 66	54,085 60	789 71		54,891 97
Weights and Measures, per Statements Nos. 25 (A) and 25 (B).....	246 11	66,464 55	934 18	19 10	67,663 94
Gas Inspection, per Statement No. 26.....	12 88	20,668 36	226 62		20,907 86
.....Totals.....	1,294 51	635,258 96	8,232 08	69 18	644,854 73

E. MIALL,
Commissioner.

DR.

EXCISE,
No. 3.—Collection Divisions,
(For details, see

Balances due 1st July, 1887.	AMOUNTS ACCRUED DURING THE YEAR, INCLUDING LICENSE FEES.							
	Spirits.	Malt Liquor.	Malt.	Tobacco.	Cigars.	Petroleum Inspection Fees.	Bonded Manufactures.	Seizures.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts
21,912 45	64,739 40	150 00	2,925 01	12,919 80	4,005 60	294 30	.....	.....
999 46	11,614 36	50 00	1,526 68	22,575 20	27,786 00	27 30	1,330 14	200 00
594 23	.....	150 00	1,078 37	.....	.....	.....	.....	.....
.....	.....	.....	.....	850 50	1,078 65	.....	.....	30 00
65 68	111,538 94	650 00	31,944 27	8,971 80	15,369 45	79 70	.....	.....
2,086 68	92,131 52	200 00	21,002 87	220,344 14	34,239 16	869 55	13,804 70	.....
472 93	50,803 75	150 00	2,751 01	54,708 20	7,344 30	644 70	1,433 98	11 20
7,115 15	107,875 80	250 00	45,288 59	91,398 40	58,455 03	17,493 90	.....	.....
6,394 58	164,611 90	150 00	2,557 73	36,146 60	.....	2,329 10	.....	40 10
.....	8,191 25	200 00	2,809 36	360 80	1,854 00	.....	.....	50 00
2,548 13	18,985 98	50 00	195 85	4,568 90	.....	.....	.....	.....
331 40	133 93	100 00	10,843 14	1,136 40	3,208 35	.....	.....	.....
.....	11,423 66	50 00	500 62	899 80	.....	2,182 80	.....	.....
3,098 67	100,163 42	150 00	30,324 08	6,823 70	3,381 60	291 65	300 00	.....
5,144 95	24,394 59	175 00	10,006 84	2,183 70	4,059 00	.....	.....	.....
768 98	31,979 48	425 00	31,623 92	2,542 90	6,781 45	367 40	.....	100 00
8,511 08	501,714 08	1,365 68	132,997 92	248,931 40	37,090 80	3,371 10	17,963 52	400 00
3,137 17	275,676 55	100 00	20,472 82	20,067 70	5,371 51	516 60	.....	.....
63,181 54	1,575,978 61	4,365 68	348,849 08	735,429 94	210,024 90	28,468 10	34,832 34	831 30
.....	.....	.....	.....	15 00	.....	.....	.....	.....
342 72	1,606 97	50 00	.....	16 00	17,819 46	.....	.....	.....
67 17	10,909 20	50 00	.....	17,765 39	.....	.....	.....	87 49
30,414 50	765,684 56	450 00	83,360 71	465,417 20	280,155 60	7,059 40	14,073 61	1,510 52
898 80	296,285 65	50 00	8,410 53	116,786 95	.....	430 30	3,316 61	9,471 04
.....	54,347 83	150 00	3,306 74	8,705 10	10,586 91	.....	.....	.....
.....	21,897 66	.....	.....	.....	144 60	.....	.....	5 84
12 00	46,256 19	50 00	241 10	.....	1,226 36	.....	.....	.....
.....	.....	50 00	783 77	123 30	.....	.....	.....	50 00
3,270 22	30,326 29	50 00	.....	793 00	12,758 70	.....	.....	56 20
35,005 41	1,227,314 35	900 00	96,102 85	609,621 94	322,691 63	7,489 70	17,390 22	11,181 09
.....	.....	.....	.....	2,327 20	.....	.....	.....	10 00
4,611 67	58,201 51	200 00	12,082 04	143,768 40	.....	.....	.....	385 06
.....	130 07	.....	.....	10,960 40	.....	.....	.....	200 00
5,860 50	.....	.....	.....	.....	.....	.....	.....	.....
10,472 17	58,331 58	200 00	12,082 04	156,996 00	.....	.....	.....	595 06
.....	.....	.....	.....	2,357 20	.....	.....	.....	.....
7,721 45	107,312 81	100 00	8,554 62	113,759 80	6,604 50	.....	1,089 89	110 55
7,721 45	107,312 81	100 00	8,554 62	116,117 00	6,604 50	.....	1,089 89	110 55
188 40	2,136 95	50 00	1,039 22	35,437 80	.....	.....	.....	.....
14,004 41	86,542 56	656 40	14,056 63	69,229 40	2,417 85	611 30	.....	347 90
3,795 21	41,398 85	725 00	12,345 23	17,709 50	12,328 05	.....	.....	.....
17,988 02	130,078 36	1,431 40	27,441 08	122,376 70	14,745 90	611 30	.....	347 90
134,368 59	3,099,015 71	6,997 08	493,029 67	1,740,541 58	554,066 93	36,569 10	53,312 45	13,065 90
.....	26,627 52	407 93	4,219 71	3,130 02	245 90	.....	50 00	20 03
.....	3,072,388 19	6,589 15	488,809 96	1,737,411 56	553,821 03	36,569 10	53,262 45	13,045 87

INLAND REVENUE DEPARTMENT, OTTAWA, 8th September, 1888.

1887-88.

in account with Revenue.

Appendix A.)

CR.

Other Receipts.	Total Duties Accrued.	TOTAL DEBITS.	Divisions.	Abatements Authorized.	Deposited to the Credit of the Receiver General.	Balances due 30th June, 1888	TOTAL CREDITS.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.
175 00	85,209 11	107,121 56	Belleville.....		106,480 24	641 32	107,121 56
720 00	65,829 68	66,829 14	Brantford.....		66,279 91	549 23	66,829 14
	1,228 37	1,822 60	Cobourg.....		1,392 37	430 23	1,822 60
	1,959 15	1,959 15	Cornwall.....		1,959 15		1,959 15
269 95	168,824 11	168,889 79	Guelph.....		168,745 79	144 00	168,889 79
1,220 00	383,811 94	385,898 62	Hamilton.....		384,294 75	1,603 87	385,898 62
460 00	118,307 14	118,780 07	Kingston.....		118,734 07	46 00	118,780 07
731 43	321,493 15	328,608 30	London.....		328,428 40	179 90	328,608 30
80 00	205,915 43	212,310 01	Ottawa.....		212,310 01		212,310 01
80 00	13,545 41	13,545 41	Owen Sound.....		13,545 41		13,545 41
40 00	23,840 73	26,388 86	Perth.....		26,388 86		26,388 86
20 00	15,441 82	15,773 22	Peterborough.....		15,382 20	391 02	15,773 22
120 00	15,176 88	15,176 88	Port Arthur.....		15,176 88		15,176 88
275 00	141,709 45	144,808 12	Prescott.....		144,309 99	498 13	144,808 12
120 00	40,939 13	46,084 08	St. Catharines.....		46,084 08		46,084 08
60 00	73,880 15	74,649 13	Stratford.....		74,300 58	348 55	74,649 13
3,460 50	947,295 00	955,806 08	Toronto.....	255 53	953,386 79	2,163 76	955,806 08
1,660 50	323,865 68	327,002 85	Windsor.....		325,206 11	1,796 74	327,002 85
9,492 38	2,948,272 33	3,011,453 87	..... Ontario.....	255 53	3,002,405 59	8,792 75	3,011,453 87
	15 00	15 00	Beauharnois.....		15 00		15 00
40 00	19,532 43	19,875 15	Iberville.....		19,875 15		19,875 15
40 00	28,852 08	28,919 25	Joliette.....		28,838 21	81 04	28,919 25
1,670 00	1,619,381 60	1,649,796 10	Montreal.....		1,644,300 49	5,495 61	1,649,796 10
740 00	435 491 08	436,389 88	Quebec.....		435,457 99	931 89	436,389 88
40 00	77,136 58	77,136 58	Sherbrooke.....		77,136 58		77,136 58
20 00	22,068 10	22,068 10	Sorel.....		22,068 10		22,068 10
40 00	47,813 65	47,825 65	St. Hyacinthe.....		47,795 65	30 00	47,825 65
	1,007 07	1,007 07	Terrebonne.....		1,007 07		1,007 07
40 00	44,024 19	47,294 41	Three Rivers.....		46,988 82	305 59	47,294 41
2,630 00	2,295,321 78	2,330,327 19	..... Quebec.....		2,323,483 06	6,844 13	2,330,327 19
	2,337 20	2,337 20	Cape Breton.....		2,337 20		2,337 20
420 00	215,057 01	219,668 68	Halifax.....		218,625 12	1,043 56	219,668 68
20 00	11,250 47	11,250 47	Pictou.....		11,250 47		11,250 47
		5,860 50	Suspense Account.....			5,860 50	5,860 50
440 00	228,644 68	239,116 85	..... Nova Scotia.....		232,212 79	6,904 06	239,116 85
20 00	2,377 20	2,377 20	Chatham.....		2,377 20		2,377 20
730 00	238,262 17	245,983 62	St. John, N.B.....		245,129 68	853 94	245,983 62
750 00	240,639 37	248,360 82	..... New Brunswick ...		247,506 88	853 94	248,360 82
40 00	38,703 97	38,892 37	Charl'town, P.Ed.I....		38,852 37	40 00	38,892 37
420 00	174,282 04	188,286 45	Winnipeg, Man.....		187,177 03	1,109 42	188,286 45
190 00	84,696 63	88,491 84	Victoria, B.C.....		87,817 84	674 00	88,491 84
650 00	297,682 64	315,670 66			313,847 24	1,823 42	315,670 66
13,962 38	6,010,560 80	6,144,929 39	..... Totals.....	255 53	6,119,455 56	25,218 30	6,144,929 39
	34,701 11		..... Less—Refunds as per Statement No. 20.				
13,962 38	5,975,859 69		..... Net Revenue.				

E. MIALL, Commissioner.

EXCISE

No. 4.— Collection Divisions

(For Details, see

DR

Balances due by Collectors 1st July, 1887.	Amounts received from Department to meet Expenditure.	Deductions from Salaries for Superannuation.	Balances due to Collectors 30th June, 1888.	Total.	Divisions.	Refunds.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.		\$ cts.
43 98	865 48	16 04	.....	881 52	Algoma.....	.....
	6,224 46	106 88	.....	6,375 32	Belleville.....	.....
	7,771 51	138 90	.....	7,910 41	Brantford.....	.....
	136 45	1 41	.....	137 86	Cobourg.....	.....
	778 79	13 96	.....	792 75	Cornwall.....	.....
	13,883 19	253 59	.....	14,136 78	Guelph.....	.....
	16,208 49	292 96	.....	16,501 45	Hamilton.....	.....
	7,526 21	137 64	.....	7,663 85	Kingston.....	.....
	15,604 80	292 30	.....	15,897 10	London.....	.....
	4,954 60	94 64	.....	5,049 24	Ottawa.....	.....
	2,256 70	34 96	.....	2,291 66	Owen Sound.....	.....
	3,727 04	60 92	.....	3,787 96	Perth.....	.....
	4,449 59	79 85	.....	4,529 44	Peterborough.....	.....
	10,191 84	191 17	.....	10,383 01	Prescott.....	.....
	8,315 04	139 76	.....	8,454 80	Straford.....	.....
	5,069 73	87 95	.....	5,157 68	St. Catharines.....	.....
	29,372 95	559 91	.....	29,932 86	Toronto.....	.....
	16,564 19	307 53	49 08	16,920 80	Windsor.....	.....
	8,939 30	135 92	.....	9,075 22	District Inspectors.....	.....
43 98	162,840 36	2,946 29	49 08	165,879 71	..... Ontario.....	.....
	535 68	6 32	.....	542 00	..... Beauharnois.....	.....
25 00	2,176 64	36 08	.....	2,237 72	..... Iberville.....	.....
	2,543 63	26 21	.....	2 569 84	..... Joliette.....	.....
	38,866 04	728 08	.....	39,594 13	..... Montreal.....	.....
	12,240 04	210 93	.....	12,450 97	..... Quebec.....	.....
	1,849 77	34 50	.....	1,884 27	..... Sherbrooke.....	.....
	1,181 58	13 04	.....	1,194 62	..... Sorel.....	.....
	1,124 34	16 96	.....	1,141 30	..... St. Hyacinthe.....	.....
	765 32	13 96	.....	779 28	..... Terrebonne.....	.....
	1,769 44	33 76	.....	1,803 20	..... Three Rivers.....	.....
	98 00	2 00	.....	100 00	..... Magdalen Islands.....	.....
	5,226 80	49 96	.....	5,276 76	..... District Inspectors.....	.....
25 00	68,377 28	1,171 80	.....	69,574 08	..... Quebec.....	.....
	832 00	15 00	.....	847 00	..... Cape Breton.....	.....
	9,816 81	188 02	.....	10,004 83	..... Halifax.....	.....
	1,465 87	28 20	.....	1,494 07	..... Pictou.....	.....
	3,241 94	48 00	.....	3,289 94	..... District Inspector.....	.....
	15,356 62	279 22	.....	15,635 84	..... Nova Scotia.....	.....
	1,092 75	20 62	.....	1,113 37	..... Chatham.....	.....
	6,951 09	130 46	.....	7,081 57	..... St. John.....	.....
	2,156 13	34 04	.....	2,190 17	..... District Inspector.....	.....
	10,199 97	185 14	.....	10,385 11	..... New Brunswick.....	.....
100 00	2,243 19	36 92	.....	2,380 11	..... Charlottetown, P.E.I.....	.....

1887-88

in Account with Expenditure.

Appendix B.)

CR.

Balances due to Collectors 1st July, 1887.	EXPENDITURE AUTHORIZED BY THE DEPARTMENT.						Balances due by Collectors 30th June, 1888.	Total.
	Salaries.	Seizure Ex-penses.	Special Assist-ance.	Rent.	Travelling Expenses.	Sundries.		
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
800 00				50 00	9 00	22 52		881 52
5,500 74				36 00	311 90	482 70	43 98	6,375 32
7,063 03				122 00	377 67	347 71		7,910 41
70 83					16 25	50 78		137 86
700 00	7 50					85 25		792 75
12,681 64	26 70			48 00	763 45	616 99		14,136 78
14,761 47			590 00		290 39	859 59		16,501 45
6 880 80	0 70	8 66		270 00	44 20	459 49		7,663 85
14,638 36		110 00		160 82	190 25	797 67		15,897 10
4,730 00	31 50				12 25	275 49		5,049 24
1,750 00	157 50			72 00	241 35	70 81		2,291 66
3,350 00				129 98	13 80	294 18		3,787 96
3,999 09				150 00	126 55	253 80		4,529 44
9,748 07		100 00		100 00	116 20	318 74		10,383 01
7,086 24	76 56			108 00	903 10	280 90		8,454 80
4,406 58		180 00			193 00	378 10		5,157 68
28,389 91	65 52	225 40			655 56	596 47		29,932 86
49 08	15,613 61			8 33	249 51	1,008 60		16,920 80
6,800 00					1,959 95	306 94		9,075 22
49 08	148,970 37	365 98	1,214 06	1,255 13	6,474 38	7,506 73	43 98	165,879 71
500 00				25 08		16 92		542 00
1,970 00	5 00			10 00	173 20	79 52		2,237 72
1,500 00	25 80	480 17		140 00	246 09	177 78		2,569 84
36,719 50	334 92	732 00			79 80	1,727 90		39,594 12
10,569 95	556 32	499 92			304 66	520 12		12,450 97
1,725 00					120 00	39 27		1,884 27
1,149 92					36 00	8 70		1,194 62
850 00		100 00		110 00	16 30	65 00		1,141 30
700 00	21 40			24 00		33 88		779 28
1,690 00	9 00				60 90	43 30		1,803 20
100 00								100 00
4,699 96					547 24	29 56		5,276 76
62,174 33	952 44	1,812 09	309 08	1,584 19	2,741 95			69,574 08
750 00				35 00	2 00	60 00		847 00
9,407 42	15 19			20 00	36 39	275 83	250 00	10,004 83
1,410 00					3 12	80 95		1,494 07
2,400 00					649 78	240 16		3,289 94
13,967 42	15 19			55 00	691 29	656 94	250 00	15,635 84
1,033 32						80 05		1,113 37
6,711 34					223 15	147 08		7,081 57
1,700 00					480 37	9 80		2,190 17
9,444 66					703 52	236 93		10,385 11
1,850 00	43 12	250 00				136 99	100 00	2,380 11

EXCISE

No. 4—Collection Divisions

(For Details, see

D.R.

Balances due by Collectors 1st July, 1887.	Amounts received from Department to meet Expenditure.	Deductions from Salaries for Superannuation.	Balances due to Collectors 30th June, 1888.	Total.	Divisions.	Refunds.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.		\$ cts.
200 00	13,133 28	168 42	.....	13,501 70	..... Winnipeg, Man.....	.....
200 00	7,503 44	79 36	.....	7,782 80	..... Victoria, B.C.....	200 00
200 00	40,185 40	105 92	.....	40,491 32	..... General Contingencies...	200 00
.....	1,880 38	.....	.....	1,880 38	..... Legal Expenses .....	.....
.....	4,701 04	.....	.....	4,701 04	..... Queen's Printer.....	.....
.....	1,825 49	.....	.....	1,825 49	..... Stationery.....	.....
.....	290 50	.....	.....	290 50	..... Lithographing, Engraving, &c.....	.....
.....	17,880 17	70 05	.....	17,950 22	..... Preventive Service.....	.....
.....	417 94	.....	.....	417 94	..... Commission to Customs Officers .....	.....
.....	129 75	.....	.....	129 75	..... Commission on sale of Stamps for Canada Twist .....	.....
.....	4,956 03	.....	.....	4,956 03	..... Duty pay to Officers in charge of most important Establishments.....	.....
768 98	351,920 84	5,043 12	49 08	357,782 02	..... Grand Totals.....	400 00

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

1887-88.

in Account with Expenditure—(Concluded.)

Appendix B)

CR.

Balances due to Collectors 1st July, 1887.	EXPENDITURE AUTHORIZED BY THE DEPARTMENT.						Balances due by Collectors 30th June, 1888.	Total.
	Salaries.	Seizure Expenses.	Special Assistance.	Rent.	Travelling Expenses.	Sundries.		
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
.....	8,424 96	3 00	715 00	190 00	1,358 05	2,610 69	200 00	13,501 70
.....	3,966 66	.....	1,128 44	.....	662 00	1,825 70	.....	7,782 80
.....	5,300 00	.....	.....	.....	2,373 99	32,617 33	.....	40,491 32
.....	.....	.....	.....	.....	.....	1,880 38	.....	1,880 38
.....	.....	.....	.....	.....	.....	4,701 04	.....	4,701 04
.....	.....	.....	.....	.....	.....	1,825 49	.....	1,825 49
.....	.....	.....	.....	.....	.....	290 50	.....	290 50
.....	3,928 99	.....	.....	.....	.....	13,701 23	320 00	17,950 22
.....	.....	.....	.....	.....	.....	417 94	.....	417 94
.....	.....	.....	.....	.....	.....	129 75	.....	129 75
.....	.....	.....	.....	.....	.....	4,956 03	.....	4,956 03
49 08	258,027 39	1,379 73	5,119 59	1,809 21	13,847 42	76,235 62	913 98	357,782 02

E. MIALL,
Commissioner.

CANALS,
No. 5—Collectors of Canal Tolls
(For Details, see

DR.

Balances due by Collectors, &c., 1st July, 1887.	CANAL REVENUE.				Total Canal Revenue Accrued.	Hydraulic Rents and other Revenue from Public Works <i>Vide</i> Statements 9 and 10.	Total.
	Tolls.	Wharfage and Storage.	Fines and Damages.	Other Receipts.			
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
424 04	104,615 22	.....	.....	.....	.....	47 18	105,086 44
.....	46,828 17	.....	5 00	.....	.....	275 85	47,109 02
51 00	577 43	.....	.....	.....	.....	180 00	808 43
63 68	66 83	.....	.....	.....	.....	.....	130 51
71 81	1,300 84	.....	.....	.....	.....	268 34	1,640 99
46 19	790 21	.....	307 00	.....	.....	4,580 03	5,723 43
.....	154 21	.....	.....	.....	.....	.....	154 21
656 72	154,332 91	.....	312 00	.....	.....	5,351 40	160,653 03
.....
39 41	1,130 44	24 60	30 00	.....	.....	1,319 50	2,543 95
197 66	15,752 23	.....	.....	.....	.....	800 00	16,749 89
12 73	613 54	.....	.....	.....	.....	885 00	1,511 27
74 68	2,914 36	47 97	.....	1,741 56	.....	.....	4,778 57
.....	27,132 62	4,276 77	43 00	13,430 37	.....	20,629 71	65,512 47
220 75	13,049 35	.....	.....	.....	.....	.....	13,270 10
545 23	60,592 54	4,349 34	73 00	15,171 93	.....	23,634 21	104,366 25
.....
.....	6,913 41	20 00	50 70	.....	.....	240 00	7,224 11
.....	14,494 59	.....	.....	.....	.....	.....	14,494 59
49 02	527 37	.....	.....	.....	.....	.....	576 39
49 02	21,935 37	20 00	50 70	.....	.....	240 00	22,295 09
.....
.....	32,842 71	.....	139 20	.....	.....	.....	32,981 91
.....	19,086 82	.....	.....	.....	.....	10 00	19,096 82
124 13	658 23	.....	10 00	.....	.....	36 00	828 36
126 24	1,688 55	.....	.....	.....	.....	.....	1,814 79
250 37	54,276 31	.....	149 20	.....	.....	46 00	54,721 88
.....
.....	4,043 67	11 16	56 43	72 00	.....	1,153 25	5,336 51
42 25	1,240 31	.....	.....	.....	.....	475 50	1,758 06
.....	481 89	2 43	.....	15 00	.....	13 00	512 32
42 25	5,765 87	13 59	56 43	87 00	.....	1,641 75	7,606 89

1887-88.

in Account with Revenue.

Appendix A.)

CR.

COLLECTION DIVISIONS.	DEPOSITED TO THE CREDIT OF THE RECEIVER-GENERAL.		Balances due by Collectors, &c., 30th June, 1888.	Total.
	On account of Canal Revenue.	On account of Hyd. Rents and other Public Works.		
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Welland Canal.</i>				
.....Port Colborne	103,382 76	59 68	1,644 00	105,086 44
.....Port Dalhousie	46,585 57	275 85	247 60	47,109 02
.....Dunnville	542 65	180 00	85 78	808 43
.....Port Maitland	126 76	.....	3 75	130 51
.....Port Robinson	1,260 43	268 34	112 22	1,640 99
.....St. Catharines	1,143 40	4,580 03	.....	5,723 43
.....Chippawa	143 49	.....	10 72	154 21
.....Totals	153,185 06	5,363 90	2,104 07	160,653 03
<i>St. Lawrence Canals.</i>				
.....Beauharnois	1,105 51	1,302 10	136 34	2,543 95
.....Cornwall	15,747 28	800 00	202 61	16,749 89
.....Cardinal	626 27	885 00	.....	1,511 27
.....Lachine	4,615 56	.....	168 01	4,778 57
.....Montreal	44,882 76	20,629 71	.....	65,512 47
.....Kingston	12,528 62	.....	741 48	13,270 10
.....Totals	79,506 00	23,616 81	1,243 44	104,366 25
<i>Chambly Canal.</i>				
.....Chambly	6,984 11	240 00	.....	7,224 11
.....St. John's	14,494 59	.....	.....	14,494 59
.....St. Ours	531 38	.....	45 01	576 39
.....Totals	22,010 08	240 00	45 01	22,295 09
<i>Ottawa Canals.</i>				
.....Ottawa	32,981 91	.....	.....	32,981 91
.....Grenville	19,086 82	10 00	.....	19,096 82
.....Carillon	586 27	36 00	206 09	828 36
.....St. Anne's Lock	1,737 36	.....	77 43	1,814 79
.....Totals	54,392 36	46 00	283 52	54,721 88
<i>Rideau Canal.</i>				
.....Ottawa	4,183 26	1,153 25	.....	5,336 51
.....Kingston Mills	1,257 48	475 50	25 08	1,758 06
.....Smith's Falls	499 32	13 00	.....	512 32
.....Totals	5,940 06	1,641 75	25 08	7,606 89

CANALS,

No. 5.—Collectors of Canal Tolls

DR.

(For Details, see

Balances due by Collectors, &c., 1st July, 1887.	CANAL REVENUE.				Total Canal Revenue Accrued.	Hydraulic Rents and other Revenue from Public Works. <i>Vide</i> Statements 9 and 10.	Total.
	Tolls.	Wharfage and Storage.	Fines and Damages.	Other Receipts.			
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
54 16	204 92	.....	.....	.....	.....	.....	259 08
1 00	28 50	.....	.....	.....	.....	.....	29 50
14 50	86 50	.....	.....	.....	.....	.....	101 00
69 66	319 92	.....	.....	.....	.....	.....	389 58
182 02	2,793 82	.....	.....	.....	.....	.....	2,975 84
100 00	.....	.....	.....	.....	.....	.....	100 00
150 00	.....	.....	.....	.....	.....	.....	150 00
250 00	.....	.....	.....	.....	.....	.....	250 00
2,045 27	300,016 74	4,382 93	641 33	15,258 93	320,299 93	30,913 36	353,258 56
					33,311 25	.....	33,311 25
					286,988 68	.....	319,947 31

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

1887-88—*Concluded.*

in Account with Revenue—*Concluded.*

Appendix A.)

CR.

COLLECTION DIVISIONS.	DEPOSITED TO THE CREDIT OF THE RECEIVER-GENERAL.		Balances due by Collectors, &c., 30th June, 1888.	Total.
	On account of Canal Revenue.	On account of Hyd. Rents and other Public Works.		
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Newcastle District Works.</i>				
..... Bobcaygeon	223 26	.....	35 82	259 08
..... Hastings	29 50	.....	.....	29 50
..... Peterborough	84 50	.....	16 50	101 00
..... Totals	337 26	.....	52 32	389 58
..... <i>St. Peter's Canal</i>	2,808 69	.....	167 15	2,975 84
<i>Sundries.</i>				
..... E. R. Benjamin .....	.....	.....	100 00	100 00
..... Estate late J. S. Clark .....	.....	.....	150 00	150 00
..... Total .....	.....	.....	250 00	250 00
..... Grand Total	318,179 51	30,908 46	4,170 59	353,258 56
..... Less Refunds, per Statement 20.	.....	.....	.....	.....
..... Net Revenue.	.....	.....	.....	.....

E. MIALL,
Commissioner.

CANALS,
No. 6.—Collectors of Canal Tolls,
(For Details, see

DR.

Amounts received from Department to meet Expenditure.	Deductions from Salaries for Super- annuation.	Balances due to Collectors, 30th June, 1888.	Total.	COLLECTION DIVISIONS.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	
3,717 47	70 14	.....	3,787 61	..... <i>Welland Canal.</i>
2,043 43	36 00	.....	2,079 43	..... Port Colborne
769 00	15 00	.....	784 00	..... Port Dalhousie.....
602 46	10 04	.....	612 50	..... Dunnville.....
744 03	14 40	.....	758 43	..... Port Maitland.....
202 71	4 04	.....	206 75	..... Port Robinson
80 50	.....	.....	80 50	..... St. Catharines
.....	.....	.....	.....	..... Chippawa
8,159 60	149 62	.....	8,309 22	..... Total.....
.....	.....	.....	.....	..... <i>St. Lawrence Canals.</i>
1,317 59	16 96	.....	1,334 55	..... Beauharnois
1,209 49	19 96	.....	1,229 45	..... Cardinal
1,349 98	21 92	.....	1,371 90	..... Cornwall
1,173 14	22 04	1 00	1,196 18	..... Kingston
2,230 27	33 92	.....	2,264 19	..... Lachine
8,130 22	140 08	.....	8,270 30	..... Montreal
.....	.....	.....	.....	..... Total.....
15,410 69	254 88	1 00	15,666 57	..... <i>Chambly Canal.</i>
.....	.....	.....	.....	..... Chambly
1,560 15	26 03	.....	1,586 18	..... St. John's.....
1,443 95	22 36	.....	1,466 31	..... St. Ours.....
622 55	.....	.....	622 55	..... Total.....
3,626 65	48 39	.....	3,675 04	..... <i>Ottawa Canals.</i>
.....	.....	.....	.....	..... Carillon.....
746 72	12 00	.....	758 72	..... Grenville.....
905 30	16 04	.....	921 34	..... St. Anne's Lock
1,444 15	6 32	.....	1,450 47	..... Total.....
3,096 17	34 36	.....	3,130 53	..... <i>Rideau Canal.</i>
.....	.....	.....	.....	..... Kingston Mills.....
456 59	4 96	.....	461 55	..... Ottawa
2,220 51	40 04	.....	2,260 55	..... Smith's Falls
327 03	3 72	.....	330 75	..... Total.....
3,004 13	48 72	.....	3,052 85	..... <i>St. Peter's Canal.</i>
.....	.....	.....	.....	..... Inspector of Canals.....
195 96	4 04	.....	200 00	..... Queen's Printer.....
2,142 65	36 00	.....	2,178 65	..... Stationery.....
508 30	.....	.....	508 30	..... Lithographing, engraving, &c.....
149 04	.....	.....	149 04	..... General.....
40 00	.....	.....	40 00	..... Grand Total.....
1,948 12	.....	.....	1,948 12	.....
38,281 31	576 01	1 00	38,858 32	.....

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

1887-88.

in account with Expenditure.

Appendix, B).

CR.

Balances due to Collectors, 1st July, 1887.	EXPENDITURE AUTHORIZED BY THE DEPARTMENT.					Total.
	Salaries.	Special Assistance.	Rent.	Travelling Expenses.	Sundries.	
\$ cts	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
.....	3,250 00	.....	258 67	.....	278 94	3,787 61
.....	1,800 00	.....	.....	131 00	148 43	2,079 43
.....	750 00	.....	.....	.....	34 00	784 00
.....	500 00	.....	100 00	.....	12 50	612 50
.....	720 00	.....	.....	1 10	37 33	758 43
.....	200 00	.....	.....	.....	6 75	206 75
.....	.....	50 00	25 00	.....	5 50	80 50
.....	7,220 00	50 00	383 67	132 10	523 45	8,309 22
.....	1,216 00	.....	.....	22 00	96 55	1,334 55
.....	1,150 00	.....	50 00	14 25	15 20	1,229 45
.....	1,100 00	.....	120 00	.....	151 90	1,371 90
1 00	1,100 00	.....	45 00	.....	50 18	1,196 18
.....	1,700 00	.....	410 00	45 20	108 99	2,264 19
.....	7,000 00	.....	550 00	.....	720 30	8,270 30
1 00	13,266 00	.....	1,175 00	81 45	1,143 12	15,666 57
.....	1,489 20	.....	.....	40 50	56 48	1,586 18
.....	1,300 00	79 50	.....	.....	86 81	1,466 31
.....	600 00	.....	.....	.....	22 55	622 55
.....	3,389 20	79 50	.....	40 50	165 84	3,675 04
.....	600 00	.....	100 00	.....	58 72	758 72
.....	800 00	.....	37 50	.....	83 84	921 34
.....	1,400 00	.....	.....	.....	50 47	1,450 47
.....	2,800 00	.....	137 50	.....	193 03	3,130 53
.....	400 00	.....	.....	34 00	27 55	461 55
.....	2,000 00	.....	.....	32 15	228 40	2,260 55
.....	300 00	.....	.....	4 75	26 00	330 75
.....	2,700 00	.....	.....	70 90	281 95	3,052 85
.....	200 00	.....	.....	.....	.....	200 00
.....	1,800 00	.....	.....	323 90	54 75	2,178 65
.....	.....	.....	.....	.....	508 30	508 30
.....	.....	.....	.....	.....	149 04	149 04
.....	.....	.....	.....	.....	40 00	40 00
.....	.....	.....	.....	.....	1,948 12	1,948 12
1 00	31,375 20	129 50	1,696 17	648 85	5,007 60	38,858 32

E. MIALL.
Commissioner.

DR.

No. 7.—SLIDES AND BOOMS' REVENUE, 1887-88.

CR.

Balances due by Collectors, &c., 1st July, 1887.	Dues since Accrued.	Interest on dues of former years.	Total.		Amounts deposited to the credit of the Receiver General.	Balances due by Collectors, &c., 30th June, 1888.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.
59,731 01	61,888 79	1,187 22	122,807 02	<i>Ottawa.</i>	46,175 44	76,331 58	122,507 02
2,434 25	607 75	101 89	3,143 89	.....John Poupore, Ottawa.....	1,401 14	1,742 75	3,143 89
				.....H. J. Chalouet, Quebec, on account of John Poupore.....			
14,856 27	4,246 17		19,102 44	<i>St. Maurice.</i>	1,402 76	17,699 68	19,102 44
				.....S. Dumoulin.....			
3,437 57			3,437 57	<i>Fenelon Falls.</i>		3,437 57	3,437 57
				.....John Ingraham.....			
820 89			820 89	<i>Chisholm's Rapids.</i>		820 89	820 89
				.....Robert T. Armstrong.....			
5,850 54			5,850 54	<i>Sague ay.</i>		5,850 54	5,850 54
				.....D. Boulanger.....			
87,130 53	66,442 71	1,289 11	154,862 35	.....Totals.....	48,979 34	105,883 01	154,862 35

Revenue Accrued..... \$67,731 82
 Less—Refunds, per Statement 20..... 2,328 26
 Net Revenue..... \$65,403 56

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

E. MIALL,
 Commissioner.

No. 8.—SLIDES AND BOOMS' EXPENDITURE, 1887-88.

DR.

CR.

Amounts received from Department to meet Expenditure.	Deduction from Salaries for Superannuation.	Total.		AUTHORIZED EXPENDITURE.		Total.
				Salaries.	Contingencies.	
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.
14,161 70	262 84	14,424 54		13,150 00	1,274 54	14,424 54
5,469 08	77 84	5,546 92	Ottawa.	5,150 00	396 92	5,546 92
			..... John Poupore, Ottawa.....			
			..... H. J. Chaloner, Quebec.....			
			<i>St. Maurice.</i>			
1,090 17	6 80	1,096 97	..... S. Dumoulin.....	549 92	547 05	1,096 97
9 97	.....	9 97	..... Queen's Printer.....	.....	9 97	9 97
133 22	.....	133 22	..... Stationery Office.....	.....	133 22	133 22
20,864 14	347 48	21,211 62	..... Total.....	18,849 92	2,361 70	21,211 62

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

HYDRAULIC AND OTHER RENTS.

No. 9—SUMMARY STATEMENT OF LESSEES' ACCOUNTS.
(For Details see Appendix C.)

DR.

CR.

Balances due 1st July, 1887.	Accrued during the Year ended 30th June, 1888.	Total.	NAME OF WORK.	Author-ized Abate-ments.	Paid into hands of Collectors <i>Vide</i> Statement No. 5.	Deposited to the Credit of the Receiver-General.	Balances due 30th June, 1888.	Total.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
57,607 79	2,716 26	60,324 05	..... Chaudière Falls and Ottawa River.....	.....	598 00	.....	59,736 05	60,324 05
6,071 40	1,355 95	7,427 35	..... Rideau Canal and River.....	10 00	1,039 75	486 50	5,911 10	7,427 35
6,300 62	1,056 00	7,356 62	..... Williamsburg Canal.....	.....	885 00	.....	6,471 62	7,356 62
852 50	820 00	1,672 50	..... Cornwall do.....	.....	800 00	.....	872 50	1,672 50
2,141 50	2,412 50	4,554 00	..... Beauharnois do.....	7 50	1,319 50	972 50	2,254 50	4,554 00
15,012 21	22,734 53	37,746 74	..... Lachine do.....	197 59	20,603 71	20 00	16,925 44	37,746 74
266 84	145 00	411 84	..... Chambly do.....	.....	240 00	.....	171 84	411 84
19,526 27	7,030 78	26,557 05	..... Welland do.....	82 00	5,331 52	675 00	20,468 53	26,557 05
779 00	509 00	1,288 00	..... Sundry Accounts.....	.....	26 00	186 00	1,076 00	1,288 00
			<i>Land Sales.</i>					
18,464 55	.....	18,464 55	..... Principal Accounts.....	.....	.....	.....	18,464 55	18,464 55
12,648 34	259 29	12,907 63	..... Interest.....	.....	.....	.....	12,907 63	12,907 63
189,671 02	39,039 31	178,710 33	..... Totals.....	297 09	30,843 48	2,320 00	145,249 76	178,710 33

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

Balances due 1st July, 1887.	Accrued during Year ended 30th June, 1888.	Total.	WORKS.	Paid into hands of Collectors, <i>Vide</i> Statement No. 5.	Deposited to the credit of the Receiver-General.	Balances due 30th June, 1888.	Total.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.
65 00	13 68	13 68	<i>Harbors.</i>	13 68			13 68
1,736 79	6 20	6 20		.....Port Colborne.....	6 20		6 20
850 00			<i>Bridges.</i>				
100 00				.....Dunnville.....		2,600 62	2,600 62
920 00			<i>Ferries.</i>				
525 00	65 00	130 00		.....Buckingham and Cumberland.....			130 00
45 00	150 00	1,736 79		.....Hull (old Lessee).....			1,736 79
92 00	50 00	1,000 00		.....do (new Lessee).....			1,000 00
106 00		50 00		.....Rockliffe and Gatincau.....	50 00		50 00
920 00		920 00		.....Prescott and Gidensburg.....		50 00	100 00
525 00	350 00	875 00		.....New Edinburgh and Gairneau (old Lessee).....			920 00
45 00	10 00	55 00		.....do (new do).....			875 00
92 00	1 00	93 00		.....Restigouche.....			55 00
106 00	50 00	150 00		.....Thurso and Clarence.....			93 00
125 00	10 00	10 00		.....Fort Erie and Buffalo.....			150 00
1 00	50 00	175 00		.....Papineauville and Brown's Wharf.....			10 00
24 00	1 00	75 00		.....Victoria and Black Rock.....			175 00
20 00	51 00	30 00		.....Pembroke and Allumette Island (old Lessee).....			1 00
5 00	10 00	15 00		.....do (new do).....	24 00		1 00
10 00	20 00	30 00		.....St. Basil.....			51 00
	20 00	2 00		.....Fitzroy and Onslow.....			30 00
	2 00	2 00	.....Gower Point and Lapasse.....	20 00		15 00	
	20 00	20 00	.....Dalhousie.....	20 00		10 00	
	20 00	20 00	.....Rockland and Lochaber.....	5 00		2 00	
						15 00	
						20 00	

CR.

No. 10.—MINOR PUBLIC WORKS, 1887-88—Concluded.

DR.

Balances due 1st July, 1887.	Accrued during Year ended 30th June, 1888.	Total.	Works.	Paid into hands of Collectors, <i>Vide</i> Statement No. 5.	Deposited to the credit of the Receiver-General.	Balances due 30th June, 1888.	Total.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.
8,000 00	.....	8,000 00		.....	.....	8,000 00	8,000 00
4,933 34	.....	4,933 34		.....	.....	4,933 34	4,933 34
25 00	25 00	50 00		.....	.....	50 00	50 00
.....	3,438 50	3,438 50		.....	1 00	3,437 50	3,438 50
.....	750 00	750 00		.....	750 00	.....	750 00
.....	500 00	500 00		.....	250 00	250 00	500 00
20,177 75	5,582 38	25,760 13		69 88	1,100 00	24,590 25	25,760 13
			<i>Sundries.</i>				
			Dundas and Waterloo Road.....				
			Old Post Office Building, Montreal.....				
			Wiarion Docks.....				
			Government Telegraph Lines.....				
			Old Post Office Building, Hamilton.....				
			Part of Building, Portland, N B.....				
			Totals.....				

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

E. MIALL,
Commissioner.

No. 11.—CULLERS' REVENUE, 1887-88.
(For Details, see Appendix A.)

DR.

CR.

Balances due, 1st July, 1887.	Amounts accrued for Measuring and Culling Timber during Year ended 30th June, 1888.	Total.	OFFICERS.	Deposited to the Credit of the Receiver General.	Balances due, 30th June, 1888.	Total.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.
3,598 99	1,818 30	5,417 29	..... Montreal.....	1,186 54	4,230 75	5,417 29
267 45	1,093 74	1,361 19	..... Three Rivers.....	1,123 14	238 05	1,361 19
39,430 65	12,183 66	51,614 31	..... Quebec.....	14,517 74	37,096 57	51,614 31
43,297 09	15,095 70	58,392 79	..... Totals.....	16,827 42	41,565 37	58,392 79

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

No. 12.—CULLERS' EXPENDITURE, 1887-88.
(For Details, see Appendix B.)

Cr.

Dr.

Balances due by sundry persons, 1st July, 1887.	Received from Department to meet Expenditure.	Deducted from Salaries for Superannuation.	Total.	AUTHORIZED EXPENDITURE.				Balances due by sundry persons, 30th June, 1888.	Total.
				Cullers' Fees.	Annuities	Salaries.	Other Contingen- cies.		
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
174 88	38,975 73	263 04	39,413 65	20,450 00	.....	13,700 00	5,263 65	.....	39,413 65
75 00	3,448 82	25 44	3,549 26	1,818 30	.....	1,500 00	155 96	75 00	3,549 26
.....	1,170 00	3 72	1,173 72	.....	.....	300 00	873 72	.....	1,173 72
.....	5,433 36	.....	5,433 36	.....	.....	.....	.....	.....	5,433 36
.....	96 64	.....	96 64	.....	.....	.....	96 64	.....	96 64
.....	105 24	.....	105 24	.....	.....	.....	105 24	.....	105 24
.....	13 49	.....	13 49	.....	.....	.....	13 49	.....	13 49
249 88	49,243 28	292 20	49,785 36	22,268 30	.....	15,500 00	6,508 70	75 00	49,785 36
					Totals.....				

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

BILL STAMPS, 1887-88.
No. 13.--STATEMENT showing the Amount of Revenue Accrued.

	Post Office Department, Ottawa.	Col. J. F. McLeod, Fort McLeod.	Total.		Post Office Department, Ottawa.	Col. J. F. McLeod, Fort McLeod.	Total.
	\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.
—				—			
To amount of bill stamps remaining in hands of distributors, 1st July, 1887..	1,372 77	160 00	1,532 77	By amount of bill stamps in hands of distributors, 30th June, 1888.....	1,372 77	160 00	1,532 77
	1,372 77	160 00	1,532 77	..... Totals	1,372 77	160 00	1,532 77

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

E. MIALL,
Commissioner.

BILL STAMPS, 1897-88.
Dr. No. 14.—BILL STAMPS Distributors in account with Inland Revenue Department. CR.

BALANCES, 1st JULY, 1887.		BALANCES, 30th JUNE, 1888.		Total.
Stamps on hand	Cash on hand.	Stamps on hand.	Cash on hand.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
1,372 77	11 54	1,372 77	11 54	1,372 77
.....	33 50	.....	33 50	11 54
.....	.....	.....	.....	33 50
160 00	.....	160 00	.....	160 00
1,532 77	45 04	1,532 77	45 04	1,577 81
		.....Totals.....		

..... Post Office Department

..... Belleville, ex-Collector E. R. Benjamin.....

..... Three Rivers, ex-Collector B. Lassalle

..... Col. J. F. McLeod, Fort McLeod

**INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.**

**E. MIALI,
 Commissioner.**

DR. No. 15.—SUNDRY MINOR REVENUES, 1887-88. CR.

Accrued during the year ended 30th June, 1888.	Total.		Deposited to the Credit of the Receiver General.	Total.
\$ cts.	\$ cts.		\$ cts.	\$ cts.
21 00	21 00	.....Fertilizers' Inspection Fees.....	21 00	21 00
35 15	35 15	.....Casual Revenue, sale of stove.....	35 15	35 15
56 15	56 15	.....Totals.....	56 15	56 15

No. 16.—SUNDRY MINOR EXPENDITURES, 1887-88.

DR. (For Details, see Appendix B.) CR.

Amounts Received from Department to meet Expenditure.	Deduction from Salaries for Superannuation.	Total.		Salaries.	Contingencies.	Queen's Printer.	Stationery Office.	Balances due by Sundry Persons, 30th June, 1888.	Total.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
68 06	.....	68 06	Minor Public Works.....	.....	68 06	.....	.....	.....	68 06
2,517 51	.....	2,517 51	Inspection of Staples.....	.....	2,471 37	46 14	.....	.....	2,517 51
24,724 27	92 81	24,817 08	Adulteration of Food.....	4,603 23	20,070 61	43 63	99 41	0 20	24,817 08
0 95	.....	0 95	Law Stamps.....	.....	0 95	.....	.....	.....	0 95
27,310 79	92 81	27,403 60	.....Totals.....	4,603 23	22,610 99	89 77	99 41	0 20	27,403 60

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

No. 17.—STATEMENT showing the quantities of the several Articles subject
June, 1886, 1887 and 1888,

ARTICLES SUBJECT TO EXCISE DUTY.	1886.			Duty. \$ cts.
	QUANTITIES.			
	Ex- Manufactory	Ex- Warehouse.	Total.	
	Gallons.	Gallons.	Gallons.	
Spirits.....	65,280	2,412,818 and 9,670 Imported.	2,487,768	3,211,949 52
Malt Liquor, the duty being paid on the Malt..	13,282,261	.....	13,282,261	64 20
	Lbs.	Lbs.	Lbs.	
Malt.....	5,788,715	31,815,993	37,604,708	376,047 08
	No.	No.	No.	
Cigars.....	62,341,489	29,704,800	92,046,289	551,701 32
	Lbs.	Lbs.	Lbs.	
Tobacco, from Foreign leaf.....	1,521,589	6,384,753	7,906,342	1,575,325 89
do Canadian leaf.....	163,146	89,386	252,532	12,574 23
Snuff.....	254,260	.....	254,260	35,532 20
Canada Twist.....	93,939	.....	93,939	4,252 93
Raw Leaf Tobacco, Foreign.....	.....	142	142	42 60
do Canadian.....	.....	.....	.....	.....
Inspection Fees on Petroleum.....	2,032,934	6,474,281	8,507,215	1,627,727 85
Manufactures in Bond.....	.....	.....	.....	29,180 96
Licenses, Spirits.....	.....	.....	.....	45,723 21
do Malt Liquor.....	.....	.....	.....	2,125 00
do Malt.....	.....	.....	.....	6,125 00
do Cigars.....	.....	.....	.....	6,525 00
do Tobacco.....	.....	.....	.....	8,650 00
do Manufactures in Bond.....	.....	.....	.....	1,876 00
	.....	.....	.....	800 00
Totals.....	.....	.....	.....	5,868,495 14

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

to Excise Duty taken for Consumption during the Years ended the 30th and the Duty collected thereon.

1887.			1888.				
QUANTITIES.			Duty.	QUANTITIES.			Duty.
Ex-Manu- factory.	Ex-Ware- house.	Total.		Ex-Manu- factory.	Ex-Ware- house.	Total.	
Gallons.	Gallons.	Gallons.	\$ cts.	Gallons.	Gallons.	Gallons.	\$ cts.
1,904	2,864,935 15,426 Imported.	2,882,265	3,735,088 65	46,505	2,326,327 32,884 Imported.	2,405,716	3,096,390 71
14,786,285	.....	14,786,285	695 16	15,944,002	.....	15,944,002	697 08
Lbs.	Lbs.	Lbs.		Lbs.	Lbs.	Lbs.	
6,450,672	36,179,768	42,630,440	426,304 40	6,063,321	42,577,146	48,640,467	486,404 67
No.	No.	No.		No.	No.	No.	
57,542,503	28,429,320	85,971,823	515,355 75	62,280,253	28,503,305	90,783,558	544,729 43
Lbs.	Lbs.	Lbs.		Lbs.	Lbs.	Lbs.	
806,940	7,189,509	7,996,449	1,602,135 83	951,740	7,325,820	8,277,560	1,666,121 43
270,651	206,091	476,742	23,837 10	355,579	276,190	631,769	31,588 45
251,790	.....	251,790	35,528 40	261,600	.....	261,600	36,889 50
91,593	.....	91,593	4,579 65	77,104	.....	77,104	3,855 20
.....	20	20	5 30	.....	.....	.....	.....
.....
1,420,974	7,395,620	8,816,594	1,666,086 28	1,646,023	7,602,010	9,248,033	1,738,454 58
.....	.....	.....	31,989 27	.....	.....	.....	36,569 10
.....	.....	.....	49,079 96	.....	.....	.....	52,412 45
.....	.....	.....	2,250 00	.....	.....	.....	2,625 00
.....	.....	.....	6,350 00	.....	.....	.....	6,300 00
.....	.....	.....	6,825 00	.....	.....	.....	6,625 00
.....	.....	.....	8,925 00	.....	.....	.....	9,337 50
.....	.....	.....	1,916 00	.....	.....	.....	2,087 00
.....	.....	.....	925 00	.....	.....	.....	900 00
.....	.....	.....	6,451,790 47	.....	.....	.....	5,963,532 52

E. MIALL,
Commissioner.

No. 18.—STATEMENT of Amounts deposited monthly to the credit of the Hon. the Receiver-General, on account of Inland Revenue, during the Fiscal Year ended 30th June, 1888.

	Ontario.	Quebec.	New Brunswick.	Nova Scotia.	Prince Edward Island.	Manitoba and North-West.	British Columbia.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
JULY:—								
Excise and Seizures.....	191,668 14	137,000 93	16,405 81	16,143 71	2,581 46	20,440 78	7,127 78	391,268 21
Canals.....	28,370 65	20,064 71	.....	178 77	.....	.....	.....	48,614 13
Hydraulic and other Rents.....	1,347 83	6,561 00	.....	.....	.....	.....	.....	7,908 83
Minor Public Works.....	5 28	.....	.....	.....	.....	.....	.....	5 28
Slides and Booms.....	.....	1,838 72	.....	.....	.....	.....	.....	1,838 72
Cullers.....	.....	1,230 42	.....	96 22	.....	.....	.....	1,230 42
Weights and Measures.....	3,379 86	927 47	40 00	69 22	.....	124 80	.....	4,568 35
Gas Inspection.....	316 25	197 25	9 00	69 50	.....	12 00	.....	604 00
Other Revenues.....	173 56	.....	.....	.....	.....	.....	.....	173 56
Totals.....	225 161 57	167,820 10	16,454 81	16,488 20	2,581 46	20,577 58	7,127 78	456,211 50
AUGUST:—								
Excise and Seizures.....	264,517 62	183,625 15	12,499 00	15,860 17	3,624 56	7,409 76	4,627 96	492,254 22
Canals.....	30,365 01	20,848 08	.....	248 88	.....	.....	.....	51,461 97
Hydraulic and other Rents.....	477 34	888 00	.....	.....	.....	.....	.....	1,365 34
Minor Public Works.....	2 06	.....	.....	.....	.....	.....	.....	2 06
Slides and Booms.....	102 07	344 96	.....	.....	.....	.....	.....	446 63
Cullers.....	.....	3,333 56	.....	.....	.....	.....	.....	3,333 56
Weights and Measures.....	1,092 07	1,137 40	211 35	191 88	34 55	81 65	4 35	2,763 25
Gas Inspection.....	216 75	164 25	34 50	45 25	.....	.....	0 50	461 25
Other Revenues.....	85 09	.....	.....	.....	.....	.....	.....	85 09
Totals.....	296,845 01	210,341 00	12,744 85	16,346 18	3,659 11	7,581 41	4,632 81	552,153 37
SEPTEMBER:—								
Excise and Seizures.....	209,783 39	188,646 49	16,975 70	13,653 06	3,566 93	12,683 15	3,070 45	448,379 17
Canals.....	23,912 93	20,269 68	.....	295 93	.....	.....	.....	44,478 54
Hydraulic and other Rents.....	285 40	823 00	.....	.....	.....	.....	.....	1,108 40
Minor Public Works.....	.....	.....	.....	.....	.....	.....	.....	.....
Slides and Booms.....	26 97	.....	.....	.....	.....	.....	.....	26 97

Cullers.....	1,450 92	298 74	260 40	41 32	85 60	5 20	1,450 92
Weights and Measures.....	959 91	5 50	3 75	.....	1 50	.....	2,776 98
Gas Inspection.....	5 25	.....	.....	.....	.....	.....	311 50
Other Revenues.....	168 80	.....	.....	.....	.....	.....	168 80
Totals.....	235,598 80	17,279 94	14,213 14	3,608 25	12,770 25	3,075 65	498,701 28
OCTOBER :—							
Excise and Seizures.....	238,840 38	23,503 35	15,782 58	4,137 90	16,785 78	8,769 91	513,487 35
Canals.....	21,892 52	.....	269 76	.....	.....	.....	37,665 89
Hydraulic and other Rents.....	223 00	.....	.....	.....	.....	.....	1,981 00
Minor Public Works.....	8,646 39	.....	.....	.....	.....	.....	10 00
Slides and Booms.....	2,816 81	151 75	83 92	56 82	12 50	1 65	8,945 27
Weights and Measures.....	292 25	62 25	32 00	.....	.....	12 25	1,992 63
Gas Inspection.....	351 15	.....	.....	.....	.....	.....	4,281 34
Other Revenues.....	273,062 50	23,717 35	16,108 26	4,194 72	16,798 28	8,763 81	568,879 13
Totals.....							
NOVEMBER :—							
Excise and Seizures.....	249,911 29	24,486 63	22,523 64	2,266 16	18,615 58	6,313 33	529,871 74
Canals.....	22,240 07	.....	809 93	.....	.....	.....	34,759 96
Hydraulic and other Rents.....	580 00	.....	.....	.....	.....	.....	1,914 67
Minor Public Works.....	2 62	.....	.....	.....	.....	.....	2 62
Slides and Booms.....	372 06	.....	.....	.....	.....	.....	554 59
Cullers.....	1,253 84	.....	.....	.....	.....	.....	1,253 84
Weights and Measures.....	1,677 44	95 38	18 80	45 60	202 85	18 00	3,058 02
Gas Inspection.....	354 65	16 00	.....	.....	9 60	.....	602 15
Other Revenues.....	236 85	.....	.....	.....	.....	.....	236 85
Totals.....	275,374 98	24,598 01	23,352 37	2,311 76	18,827 43	6,331 33	572,353 44
DECEMBER :—							
Excise and Seizures.....	281,266 50	24,011 82	26,390 76	3,146 29	15,817 51	7,482 25	626,644 14
Canals.....	1,238 42	.....	159 01	.....	.....	.....	2,252 54
Hydraulic and other Rents.....	45 00	.....	.....	.....	.....	25 00	681 00
Minor Public Works.....	61 68	.....	.....	.....	.....	1 00	62 68
Slides and Booms.....	4,144 83	.....	.....	.....	.....	.....	4,144 83
Cullers.....	1,267 88	.....	.....	.....	.....	.....	621 91
Weights and Measures.....	404 25	123 90	18 63	30 70	79 50	.....	2,131 45
Gas Inspection.....	61 85	.....	22 00	.....	20 50	.....	679 25
Other Revenues.....	288,490 41	24,135 72	26,590 30	3,176 99	16,917 51	7,517 75	637,279 65
Totals.....							

No. 18.—STATEMENT of Amounts deposited monthly to the credit of the Hon. the Receiver-General—Concluded.

	Ontario.	Quebec.	New Brunswick.	Nova Scotia.	Prince Edward Island.	Manitoba and North-West.	British Columbia.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
JANUARY:—								
Excise and Seizures.....	281,881 20	163,643 86	19,582 77	15,281 91	2,271 03	15,950 44	4,579 66	503,190 87
Canals.....	78 87	13 18	.....	46 77	.....	.....	.....	138 82
Hydraulic and other Rents.....	2,284 50	4,705 00	.....	.....	.....	.....	.....	6,990 50
Minor Public Works.....	26 00	.....	.....	.....	.....	.....	.....	26 00
Slides and Booms.....	6,005 77	.....	.....	.....	.....	.....	.....	6,005 77
Cullers.....	.....	1,064 11	.....	.....	.....	.....	.....	1,064 11
Weights and Measures.....	2,909 07	451 96	61 43	16 24	15 25	66 05	2 00	3,522 00
Gas Inspection.....	501 50	126 25	43 50	85 25	16 50	14 50	36 25	826 75
Other Revenues.....	232 14	.....	.....	.....	.....	.....	.....	232 14
Totals.....	293,922 05	170,005 36	19,687 70	15,420 17	2,302 78	16,030 99	4,617 91	521,996 86
FEBRUARY:—								
Excise and Seizures.....	242,345 10	186,274 43	17,756 30	17,030 06	3,936 50	14,280 76	10,436 36	492,059 51
Canals.....	.....	.....	.....	301 94	.....	.....	.....	301 94
Hydraulic and other Rents.....	671 65	1,519 18	.....	.....	.....	.....	.....	2,190 83
Minor Public Works.....	.....	.....	.....	.....	.....	.....	.....	.....
Slides and Booms.....	.....	.....	.....	.....	.....	.....	.....	.....
Cullers.....	.....	774 33	.....	.....	.....	.....	.....	774 33
Weights and Measures.....	1,053 86	526 35	61 67	11 59	10 95	82 35	2 50	1,749 27
Gas Inspection.....	300 75	158 00	15 75	21 00	.....	1 00	5 00	501 50
Other Revenues.....	294 10	.....	.....	.....	.....	.....	.....	294 10
Totals.....	244,665 46	189,252 29	17,833 72	17,364 59	3,947 45	14,364 11	10,443 86	497,871 48
MARCH:—								
Excise and Seizures.....	243,004 41	172,950 94	20,152 73	20,223 86	2,939 37	17,161 56	10,256 51	486,689 41
Canals.....	467 80	400 00	.....	.....	.....	.....	.....	867 80
Hydraulic and other Rents.....	.....	.....	.....	.....	.....	.....	.....	.....
Minor Public Works.....	1,638 01	19 04	.....	.....	.....	.....	.....	1,657 05
Slides and Booms.....	.....	3,444 19	.....	.....	.....	.....	.....	3,444 19
Cullers.....	1,151 29	651 98	35 67	39 54	17 85	.....	.....	2,497 43
Weights and Measures.....	298 50	118 25	3 50	.....	.....	1 00	.....	421 25
Gas Inspection.....	189 35	.....	.....	.....	.....	.....	.....	189 35
Other Revenues.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	247,349 39	177,584 40	20,191 90	20,263 40	2,957 22	17,162 56	10,257 61	495,766 48

APRIL.—	286,939 87	186,122 54	18,054 10	19,377 84	2,716 37	15,366 98	7,247 63	485,825 33
Excise and Seizures.....	1,051 62	1,208 00	.....	.....	.....	.....	.....	1,051 62
Canals.....	449 00	10 00	.....	.....	.....	.....	.....	1,657 00
Hydraulic and other Rents.....	.....	.....	.....	.....	.....	.....	.....	10 00
Minor Public Works.....	.....	.....	.....	.....	.....	.....	.....	5,225 94
Slides and Booms.....	5,225 94	360 20	.....	.....	.....	.....	.....	260 20
Cullers.....	.....	891 27	112 72	47 11	19 20	404 37	4 00	4,376 59
Weights and Measures.....	2,897 92	304 25	61 50	46 25	11 00	.....	.....	803 50
Gas Inspection.....	380 50	.....	.....	.....	.....	.....	.....	240 30
Other Revenues.....	240 30	.....	.....	.....	.....	.....	.....	.....
Totals.....	247,185 15	188,706 26	18,228 32	19,471 20	2,746 57	15,771 35	7,251 63	499,450 48
MAY.—								
Excise and Seizures.....	279,965 17	221,750 36	25,355 62	24,897 04	3,950 00	13,303 70	6,905 72	576,136 61
Canals.....	25,588 30	14,130 90	.....	.....	.....	.....	.....	39,689 20
Hydraulic and other Rents.....	2,137 75	2,622 53	.....	.....	.....	.....	.....	4,760 28
Minor Public Works.....	51 24	.....	.....	.....	.....	.....	.....	51 24
Slides and Booms.....	5,624 63	.....	.....	.....	.....	.....	.....	5,624 63
Cullers.....	.....	351 53	.....	.....	.....	.....	.....	351 53
Weights and Measures.....	1,080 72	1,153 24	60 27	51 14	21 70	59 55	3 40	2,430 02
Gas Inspection.....	319 75	150 75	9 00	41 75	13 25	3 00	.....	587 50
Other Revenues.....	141 05	.....	.....	.....	.....	.....	.....	141 05
Totals.....	314,878 61	240,159 31	25,424 80	24,989 93	3,893 95	13,366 25	6,909 12	629,722 06
JUNE.—								
Excise and Seizures.....	282,382 49	203,517 19	28,723 05	25,048 16	3,706 80	19,271 03	11,000 28	573,649 00
Canals.....	33,665 16	23,612 04	.....	497 70	.....	.....	.....	57,775 90
Hydraulic and other Rents.....	1,629 00	1,178 93	250 00	.....	.....	.....	75 00	3,132 93
Minor Public Works.....	.....	.....	.....	.....	.....	.....	.....	.....
Slides and Booms.....	14,388 77	120 17	.....	.....	.....	.....	.....	14,508 94
Cullers.....	.....	1,049 78	.....	.....	.....	.....	.....	1,049 78
Weights and Measures.....	1,744 67	1,279 20	217 32	161 55	54 80	259 64	23 50	3,740 69
Gas Inspection.....	297 25	243 25	49 75	20 25	12 00	9 00	2 00	633 50
Other Revenues.....	297 15	35 15	3 00	9 00	.....	.....	.....	344 30
Totals.....	334,405 49	231,035 71	29,243 13	25,736 66	3,773 60	19,539 67	11,100 78	654,835 04
Grand Totals.....	3,276,942 42	2,506,212 42	249,540 34	236,414 40	39,253 86	188,707 39	88,050 04	6,585,120 87

E. MIALI,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

EXCISE

No. 19.—COMPARATIVE Monthly

From what Source.	July.	August.	September.	October.	November.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Spirits	{ 1886-87... 170,046 01	200,211 20	243,292 34	263,062 11	278,028 66
	{ 1887-88... 123,909 53	156,486 97	198,303 35	245,600 40	289,175 11
Increase in 1887-88					11,146 45
Decrease in 1887-88	46,136 68	43,724 23	44,988 99	17,461 71	
Malt Liquor	{ 1886-87... 5,258 00	300 00	350 00	326 80	370 56
	{ 1887-88... 5,327 00	420 00	184 60	191 00	100 00
Increase in 1887-88	69 00	120 00			
Decrease in 1887-88			165 40	135 80	270 56
Malt	{ 1886-87... 16,229 82	15,945 17	26,156 62	34,191 18	44,892 04
	{ 1887-88... 29,149 65	30,619 12	36,481 38	44,774 61	50,336 29
Increase in 1887-88	12,919 83	14,673 95	10,324 76	10,583 43	5,444 24
Decrease in 1887-88					
Tobacco.....	{ 1886-87... 118,317 38	119,328 81	143,105 00	154,283 30	156,078 59
	{ 1887-88... 141,906 52	201,455 84	147,599 44	164,519 64	145,526 49
Increase in 1887-88	23,589 14	82,127 03	4,494 44	10,236 34	
Decrease in 1887-88					10,552 10
Cigars	{ 1886-87... 47,462 51	44,484 09	43,461 03	41,007 41	46,137 92
	{ 1887-88... 54,356 08	51,952 13	51,409 29	50,538 91	45,748 83
Increase in 1887-88	6,893 57	7,468 04	7,948 26	9,531 50	
Decrease in 1887-88					389 09
Petroleum	{ 1886-87... 1,496 60	2,009 70	3,534 95	4,419 05	4,391 36
	{ 1887-88... 2,100 08	3,234 58	4,587 20	5,438 38	4,277 80
Increase in 1887-88	603 48	1,224 88	1,052 25	1,019 33	
Decrease in 1887-88					113 56
Manufacturers in Bond { 1886-87... 4,500 56	4,615 16	4,762 24	4,007 57	4,350 33	
	{ 1887-88... 3,523 29	4,374 74	4,104 18	6,154 99	3,973 50
Increase in 1887-88				2,147 42	
Decrease in 1887-88	977 27	240 42	658 06		376 83
Seizures.....	{ 1886-87... 2 75	274 35	293 75	270 60	64 51
	{ 1887-88... 5,095 67	3,001 93	1,640 45	351 00	214 00
Increase in 1887-88	5,092 92	2,727 58	1,346 70	80 40	149 49
Decrease in 1887-88					
Other Receipts	{ 1886-87... 4,629 97	924 80	701 51	645 25	1,266 70
	{ 1887-88... 3,635 00	1,435 00	1,455 00	790 00	705 00
Increase in 1887-88		510 20	753 49	144 75	
Decrease in 1887-88	994 97				561 70
Total Increase in 1887-88.....	1,059 02	64,887 03		16,145 66	4,476 34
Total Decrease in 1887-88			19,892 55		

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

REVENUE.

Statement, 1886-87, 1887-88.

December.	January.	February.	March.	April.	May.	June.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
347,931 83	229,221 32	258,965 46	305,500 05	268,712 85	314,465 16	857,901 66	3,737,338 65
401,653 54	279,318 17	287,205 16	259,744 94	249,801 83	317,056 42	290,760 49	3,099,015 71
53,721 71	50,096 85	28,239 70	45,755 11	18,911 02	2,591 26	567,141 17	638,322 94
84 24	31 00	111 36	44 20	60 20	57 00	51 80	7,045 16
158 80	50 00	25 00				540 68	6,997 08
74 56	19 00	86 36	44 20	60 20	57 00	488 88	48 08
46,995 87	36,450 36	40,020 10	49,210 38	43,156 40	50,181 28	29,700 18	433,129 40
45,702 36	40,971 06	43,657 48	47,467 39	48,942 20	42,013 52	32,914 62	493,029 67
1,293 51	4,520 70	3,637 38	1,742 99	5,785 80	8,167 76	3,214 44	59,900 27
136,600 78	110,662 80	115,523 18	147,373 23	174,993 22	152,899 80	138,836 19	1,608,002 28
128,763 61	115,303 36	126,626 44	126,247 51	130,442 70	164,510 96	147,639 07	1,740,541 58
7,837 17	4,640 56	11,103 26	21,125 72	44,550 52	11,611 16	8,802 88	72,539 30
43,758 65	36,775 43	33,752 85	43,616 35	41,540 98	52,446 36	49,837 17	524,280 75
42,212 46	41,398 86	37,138 32	38,698 11	43,130 43	48,898 66	48,584 85	554,066 93
1,546 19	4,623 43	3,385 47	4,918 24	1,589 45	3,547 70	1,252 32	29,786 18
3,919 86	2,390 85	2,790 20	2,661 85	1,470 50	1,328 20	1,576 15	31,989 27
4,175 63	3,598 75	2,325 50	2,028 23	1,503 85	1,473 50	1,825 60	36,569 10
255 77	1,207 90	464 70	633 62	33 35	145 30	249 45	4,579 83
3,194 12	3,110 59	4,140 29	5,256 99	3,569 66	4,348 05	4,149 40	50,004 96
3,532 08	3,463 68	3,941 87	4,115 16	4,781 17	5,731 38	5,616 41	53,312 45
337 96	353 09	198 42	1,141 83	1,211 51	1,383 33	1,467 01	3,307 49
484 35	50 00	12 00	103 00	86 34	248 00	139 60	2,029 25
49 87	170 44	1,355 25	331 35	83 50	293 60	478 84	13,065 90
434 48	120 44	1,343 25	228 35	2 84	45 60	339 24	11,036 65
670 15	838 65	351 10	411 59	520 12	335 00	1,036 36	12,331 20
755 00	635 30	1,151 72	901 45	694 95	613 96	1,190 00	13,962 38
84 85	203 35	800 62	489 86	174 83	278 96	153 64	1,631 18
43,363 50	65,378 62	47,760 20	74,643 50	54,729 64	4,283 15	553,677 95	455,590 12

Total Revenue in 1886-87 6,166,150 92
do 1887-88 6,010,560 80

E. MIALL,
Commissioner.

No. 20.—REFUNDS, 1887-88.

EXCISE.

Articles.	To whom Paid.	Date.	Division.	Under what Authority Refunded.	Amount	Total.
					\$ cts.	\$ cts.
Spirits.....	T. J. Lyons.....	1887.	Prescott.....	Refunded under Revised Statutes, Cap 34, Sec. 238.	5,507 74	
	The Dept. of Agriculture...	Sept. 1...	Ottawa.....	do do 29 do 78.	88 31	
	T. J. Lyons.....	Oct. 29...	Prescott.....	do do 34 do 238.	6,976 26	
	W. G. Gooderham.....	Nov. 3...	Toronto	do do 29 do 78.	188 41	
		Dec. 23...				
		1888.				
	W. Marshall.....	Feb. 16...	Hamilton	do do 29 do 78.	20 00	
	A. Whitney.....	Mar. 15...	Prescott.....	do do 29 do 78.	64 36	
	W. G. Gooderham.....	May 16...	Toronto	do do 29 do 78.	35 26	
	T. J. Lyons.....	June 20...	Prescott.....	do do 34 do 238.	1,542 60	
	J. P. Wiset.....	do 30...	do	do do 29 do 78.	12,204 58	
		1888.				26,627 52
Malt Liquor.....	W. Hammersley.....	Feb. 16...	Iberville.....	do do 29 do 78.		25 00
Malt.....	D. G. Keith.....	July 25...	Halifax.....	do do 34 do 178.	219 91	
	J. C. Oland.....	do 25...	do	do do 34 do 178.	276 52	
	C. Gowen & Sons.....	do 15...	Victoria	do do 34 do 178.	258 39	
	Isaac Laidman.....	Oct. 13...	Winnipeg	do do 29 do 78.	78 57	
	The Manitoba M. & B. Co.....	Nov. 7...	do	do do 29 do 78.	90 41	
	Isaac Laidman.....	do 7...	do	do do 29 do 78.	24 45	
	J. C. Oland.....	Dec. 2...	Halifax.....	do do 34 do 178.	654 13	
	J. C. O'Mullin.....	do 5...	do	do do 34 do 178.	79 02	
	F. Fischer.....	do 7...	Guelph	do do 29 do 78.	28 78	
	I. Laidman.....	do 14...	Winnipeg	do do 29 do 78.	30 00	

No. 20.—REFUNDS, 1887-88—Continued.

EXCISE—Concluded.

Articles.	To whom Paid.	Date.	Division.	Under what Authority Refunded.	Amount.		Total.
					\$	cts.	
1887.							
Tobacco—Continued..	J. Lemesurier.....	Nov. 11..	Quebec	Refunded under Revised Statutes, Cap. 34, Sec. 259..	24	82	
	do	do 11..	do	do 34 do 270..	94	95	
	A. A. Boutell.....	Dec. 5..	Windsor.....	do 34 do 240..	61	97	
	do	do 5..	do	do 34 do 259..	18	22	
	B. Houde & Cie.....	do 6..	Quebec	do 34 do 259..	58	00	
	J. E. Tuckett.....	do 7..	do	do 34 do 259..	5	12	
	J. Lemesurier.....	do 8..	Hamilton	do 34 do 259..	22	60	
	American Cigarette Co	do 14..	Quebec	do 34 do 259..	10	93	
	E. Fréchette et frère.....	do 14..	Montreal	do 34 do 259..	20	30	
	Jas. Fitzgerald	do 14..	Quebec	do 34 do 259..	19	00	
	do	do 14..	Brantford	do 29 do 78..			
1888.							
	A. A. Boutell	Jan. 5..	Windsor.....	do 34 do 259..	16	11	
	J. E. Tuckett	do 7..	Hamilton	do 34 do 259..	31	62	
	J. Lemesurier	do 9..	Quebec	do 34 do 259..	14	92	
	D. Ritchie.....	do 9..	Montreal	do 34 do 259..	18	69	
	do	do 10..	do	do 34 do 370..	13	50	
	American Cigarette Co	do 13..	do	do 34 do 259..	13	13	
	B. Houde & Cie.....	Jan. 16..	Quebec	do 34 do 259..	61	00	
	D. Ritchie.....	do 18..	Montreal	do 34 do 259..	21	32	
	do	do 18..	do	do 34 do 270..	36	52	
	do	Feb. 7..	do	do 34 do 259..	18	24	
	A. A. Boutell.....	do 7..	Windsor.....	do 34 do 259..	5	07	
	J. Lemesurier.....	do 7..	Quebec.....	do 34 do 259..	12	32	
	B. Houde & Cie.....	do 7..	do	do 34 do 259..	56	00	
	J. E. Tuckett	do 8..	Hamilton	do 34 do 259..	45	00	
	American Cigarette Co.....	do 13..	do	do 34 do 259..	7	00	
	D. Ritchie.....	do 2..	Montreal	do 34 do 270..	13	50	
	V. Bronner.....	do 2..	do	do 34 do 259..	8	20	

J. Lemesurier.....	March 5... Quebec.....	do	do	do	11 84
B. Houde & Cie.....	do 5... do	do	do	do 34 do 259..	52 00
A. A. Boutell.....	do 6... Windsor.....	do	do	do 34 do 259..	6 68
J. E. Tuckett.....	do 6... Hamilton.....	do	do	do 34 do 259..	42 60
D. Ritchie.....	do 8... Montreal.....	do	do	do 34 do 259..	18 10
McAlpin Tobacco Co.....	do 19... Toronto.....	do	do	do 34 do 259..	31 05
S. Davis & Sons.....	do 22... Montreal.....	do	do	do 34 do 259..	28 78
John E. Tuckett.....	April 5... Hamilton.....	do	do	do 34 do 259..	77 20
A. A. Boutell.....	do 6... Windsor.....	do	do	do 34 do 259..	13 82
J. Lemesurier.....	do 6... Quebec.....	do	do	do 34 do 259..	15 39
B. Houde & Cie.....	do 6... do	do	do	do 34 do 259..	60 90
American Cigarette Co.....	do 7... Montreal.....	do	do	do 34 do 259..	11 55
A. A. Boutell.....	May 4... Windsor.....	do	do	do 34 do 259..	12 94
B. Houde & Cie.....	do 4... Quebec.....	do	do	do 34 do 259..	49 20
J. Lemesurier.....	do 4... do	do	do	do 34 do 259..	13 93
J. E. Tuckett.....	do 7... Hamilton.....	do	do	do 34 do 259..	34 00
American Cigarette Co.....	do 7... Montreal.....	do	do	do 34 do 259..	14 00
E. Fréchette et frère.....	do 17... Quebec.....	do	do	do 34 do 259..	9 84
D. Ritchie.....	do 21... Montreal.....	do	do	do 34 do 259..	61 68
do	do 21... do	do	do	do 34 do 270..	27 00
A. A. Boutell.....	June 5... Windsor.....	do	do	do 34 do 259..	16 39
J. Lemesurier.....	do 7... Quebec.....	do	do	do 34 do 259..	28 12
do	do 7... do	do	do	do 34 do 259..	12 00
J. E. Tuckett.....	do 9... Hamilton.....	do	do	do 34 do 259..	66 40
American Cigarette Co.....	do 9... Montreal.....	do	do	do 34 do 259..	21 25
B. Houde & Cie.....	do 14... Quebec.....	do	do	do 34 do 259..	76 80
D. Ritchie.....	do 15... Montreal.....	do	do	do 34 do 259..	73 92
A. A. Boutell.....	do 30... Windsor.....	do	do	do 34 do 259..	14 99
John E. Tuckett.....	do 30... Hamilton.....	do	do	do 34 do 259..	49 88
do	do 30... Montreal.....	do	do	do 34 do 259..	75 30
do	do 30... do	do	do	do 34 do 270..	24 30
B. Houde et Cie.....	do 30... Quebec.....	do	do	do 34 do 259..	55 00
J. Lemesurier.....	do 30... do	do	do	do 34 do 259..	16 35
3,130 02					
Cigars.....	1887.	do	do	do 29 do 78..	13 50
Tassé, Wood & Co.....	Aug. 23... Montreal.....	do	do	do 29 do 78..	48 00
Webster, Nutt & Co.....	Oct. 4... Sherbrooke.....	do	do	do 29 do 78..	128 40
J. M. Forrier.....	do 4... Montreal.....	do	do	do 29 do 78..	56 00
L. H. Coudu.....	Nov. 7... do	do	do	do 29 do 78..	
M. Lefebvre & Co.....	Aug. 23... Montreal.....	do	do	do 29 do 78..	245 90
Thos. Doyle.....	Dec. 5... Halifax.....	do	do	do 29 do 78..	50 00
Bonded Manufac- tories.....					20 03
Seizures.....					34,701 11
Total Excise Revenue Refunded.....					

No. 20.—REFUNDS, 1887-88.—Continued.

CANAL TOLLS.						
Canal.	To whom Paid.	Date.	Office.	Under what Authority Refunded.	Amount.	Total.
					\$ cts.	\$ cts.
Welland		1887.				
	A. M. Robertson.....	July 14...	Port Colborne...	Refunded under Revised Statutes, Cap. 29, Sec. 8...	183 60	
	A. H. Malcolmson.....	do 14...	do	do	118 80	
	S. Neelon.....	do 14...	do	do	126 90	
	Kingston and Montreal Forwarding Co.....	do 14...	do	do	1,177 74	
	Jas. Blackwell.....	do 20...	Port Maitland...	do	116 49	
	A. M. Robertson.....	do 20...	Port Colborne...	do	189 00	
	Geo. Foley.....	do 20...	do	do	118 80	
	A. D. McKay & Sons	do 25...	do	do	91 80	
	J. H. Scott.....	do 27...	do	do	265 50	
	A. M. Robertson.....	do 27...	do	do	170 10	
	Kingston and Montreal Forwarding Co.....	Aug. 17...	do	do	1,147 68	
	Montreal Transportation Co.....	do 26...	do	do	3,850 92	
	A. H. Malcolmson.....	do 26...	do	do	113 40	
	A. D. McKay & Sons.....	do 26...	do	do	91 80	
	do	do 26...	do	do	81 00	
	Geo. Foley.....	do 29...	do	do	118 80	
	A. H. Malcolmson.....	do 29...	do	do	118 80	
	Hagarty & Co.....	do 29...	do	do	465 48	
	A. D. McKay & Sons.....	do 29...	do	do	180 72	
	J. H. Scott.....	do 29...	do	do	135 00	
	J. B. Fairgrieve.....	do 29...	do	do	99 90	
	A. M. Robertson.....	do 29...	do	do	188 10	
	Montreal Transportation Co.....	do 29...	do	do	1,502 64	
	Geo. Foley.....	Sept. 1...	do	do	108 54	
	A. M. Robertson.....	do 5...	do	do	189 00	
	Kingston and Montreal Forwarding Co.....	do 5...	do	do	993 96	
	Montreal Transportation Co.....	do 8...	do	do	3,073 86	

No. 20.—REFUNDS, 1887-88—Continued.

CANAL TOLLS, &c.—Concluded.

Canal.	To whom Paid.	Date.	Office.	Under what Authority Refunded.	Amount.	Total.	
					\$ cts.	\$ cts.	
Welland (Continued)	Montreal Transportation Co	June 20...	Port Colborne...	Refunded under Revised Statutes, Cap. 29, Sec. 8...	3,928 14		
	A. D. McKay & Sons.....	do 20...	do	do	89 82		
	A. H. Malcolmson.....	do 21...	do	do	105 84		
	A. E. Hume.....	do 21...	do	do	243 54		
	F. S. Hill.....	do 30...	do	do	240 84		
	A. M. Roberston.....	do 30...	do	do	188 82		
	J. B. Fairgreive & Son.....	do 30...	do	do	99 90		
	Montreal Transportation Co	do 30...	do	do	114 84		
	A. H. Malcolmson.....	do 30...	do	do	100 80		
	A. D. McKay & Sons.....	do 30...	do	do	93 42		
						32,302 27	
St. Lawrence.....	The Church Society of Cardinal.....	July 28...	Cardinal.....	do	6 50		
	The Ogdensburg Coal and Towing Co.....	Aug. 23...	Montreal.....	do	13 45		
	W. F. Torrance.....	Sept. 13...	do	do	3 40		
	D. Murphy & Co.....	do 13...	do	do	4 79		
	The Edwardsburg S. Co.....	Dec. 22...	Cardinal.....	do	39 91		
	Montreal Transportation Co	do 29...	do	do	19 20		
	Calvin & Son.....	Dec. 30...	Lachine.....	do	15 19		
							102 44
	Ottawa.....	Léon Mondoux.....	July 21...	Carillon.....	do	20 25	
		McLachlin Bros.....	do 21...	do	do	33 38	
		A. J. Martin.....	do 21...	do	do	20 16	
		D. McLean.....	do 22...	do	do	3 00	
		R. H. Klock & Co.....	do 28...	do	do	9 45	
T. Ouellette.....		Sept. 8...	do	do	30 99		

D. Murphy & Co.....	do	13	Ottawa.....	do	do	29 63
do	do	13	Grenville.....	do	do	33 07
John McCallloch.....	Oct.	17	Carillon.....	do	do	16 97
Elisha Cook.....	do	31	do	do	do	12 24
Alex. Baptist.....	Nov.	8	do	do	do	54 75
Henderson Bros.....	do	22	do	do	do	19 50
J. D. St. Pierre.....	do	22	do	do	do	18 40
J. K. Ward.....	do	24	Grenville.....	do	do	18 25
D. Williamson.....	do	24	Carillon.....	do	do	5 25
Jas. Wade.....	do	24	do	do	do	1 47
F. Cummings.....	do	24	do	do	do	1 47
John Windsor.....	Dec.	23	Grenville.....	do	do	8 40
Bourgoin and Thibault.....	do	23	do	do	do	74 74
F. H. Wilson.....	do	23	do	do	do	10 85
Capt. W. Bothwell.....	do	29	do	do	do	18 55
D. Murphy & Co.....	do	29	Ottawa.....	do	do	47 34
J. B. Blanchard.....	do	29	Grenville.....	do	do	11 24
1888.						
McLaughlin Bros.....	Jan.	23	Carillon.....	do	do	31 50
J. K. Ward.....	Feb.	6	do	do	do	169 65
Elisha Cook.....	do	6	do	do	do	36 18
John Brydges.....	do	7	do	do	do	17 22
W. H. Sixsmith.....	Mar.	15	Ottawa.....	do	do	1 10
J. B. Brunet.....	do	22	Carillon.....	do	do	3 00
Gilmour & Co.....	April	30	do	do	do	11 25
do	do	30	Grenville.....	do	do	56 03
B. Beaulieu.....	May	1	Carillon.....	do	do	41 28
do	do	2	do	do	do	50 00

Total Canal Tolls refunded.....

33,311 25

906 54

No. 20.—REFUNDS, 1887-88—Concluded.

SLIDES DUES REFUNDS.

Office.	To whom Paid.	Date.	Under what Authority Refunded.	Amount.	Total.
Ottawa	J. P. Fisher	1887. Aug. 26	Refunded under Revised Statutes, Cap. 29, Sec. 8.	\$ cts. 46 50	\$ cts. 1,558 49
	Upper Ottawa Improvement Co.	Nov. 5	do		
	Thistle, Carswell & Co.	1888. May 17	do	723 27	2,328 26
			Total Slides Dues Refunded		

WEIGHTS AND MEASURES REFUNDS.

Toronto	T. McConnell	1888. April 13	Refunded under Revised Statutes, Cap. 29, Sec. 8.	75 00
			Total Weights and Measures Revenue Refunded	75 00
			Grand Total Refunds	70,415 62

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

E. MIALL,
Commissioner.

WEIGHTS AND MEASURES, GAS AND LAW STAMPS.

DR. : : : : : CR.
 No. 22.—STATEMENT showing amount of Revenue accrued.

	Weights and Measures Stamps.	Gas Stamps.	Law Stamps, Supreme and Exchequer Courts.	Total.	Weights and Measures Stamps.	Gas Stamps.	Law Stamps, Supreme and Exchequer Courts.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
To amount of Stamps destroyed or returned by Distributors	689 95			689 95				
To Commission allowed			130 66	130 66				
To amount of Stamps remaining in hands of Distributors, 30th June, 1888	43,040 79	19,877 10	78 56	62,996 45				
To Balance, being the revenue accrued during 1887-88.....	36,316 93	6,956 65	2,496 78	45,770 36				
Totals.....	80,047 67	26,833 75	2,706 00	109,587 42	80,047 67	26,833 75	2,706 00	109,587 42
					By amount of Stamps in hands of Distributors on 1st July, 1887.....			
					By Stamps issued by the Inland Revenue Department during the year.....			
					.....Totals.....			

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

WEIGHTS AND MEASURES, 1887-88.

DR.

No. 23 (A)—INSPECTORS in account with Revenue

CR.

BALANCES DUE BY INSPECTORS, 1ST JULY, 1887.		BALANCES DUE BY INSPECTORS, 30TH JUNE, 1888.		Deposited to credit of Receiver-General.	Stamps returned or destroyed.	DIVISIONS.	Total.	Seizures and Penalties.	Stamps issued to Inspectors.	Total.	Stamps on hand.	Cash on hand.	Total.
\$	cts.	\$	cts.										
1,634 44		192 01		1,213 48		Belleville	2,464 23	65 75	572 00	2,464 23	1,126 53	124 22	2,464 23
4,302 01		2,179 04		8,355 43		Hamilton	14,366 05		7,885 00	14,366 05	3,795 07	2,215 55	14,366 05
1,122 27		262 10		1,755 71		Kingston	3,445 37		2,061 00	3,445 37	1,602 16	87 50	3,445 37
1,108 19		79 71		3,433 14	20 83	London	4,703 40		3,517 50	4,703 40	1,013 00	238 43	4,703 40
1,711 89				998 93	527 00	Ottawa	3,911 89		2,200 00	3,911 89	2,385 90		3,911 89
912 85		14 30		1,085 49		Ottawa	2,562 68	11 53	1,624 00	2,562 68	1,477 19		2,562 68
2,968 62		652 67		4,656 59		Toronto	7,096 29	115 00	3,360 00	7,096 29	2,439 70		7,096 29
2,837 94				1,331 71		Windsor	5,147 94	30 00	2,280 00	5,147 94	3,816 23		5,147 94
16,598 21		3,379 86		22,830 48	547 89	Ontario	43,639 85	222 28	23,499 50	43,639 85	17,655 78	2,665 70	43,639 85
2,873 82		761 08		6,349 99		Montreal	13,232 40	27 50	9,570 00	13,232 40	6,479 15	403 26	13,232 40
4,037 66				2,779 76		Quebec	6,190 66	12 00	2,121 00	6,190 66	3,410 90		6,190 66
1,929 46		48 97		636 61		Sherbrooke	1,979 18	0 75	705 00	1,979 18	1,234 75	107 82	1,979 18
3,724 37		117 42		980 45		Three Rivers	4,546 79			4,546 79	3,566 34		4,546 79
12,585 31		927 47		10,746 81		Quebec	25,949 03	40 25	12,396 00	25,949 03	14,691 14	511 08	25,949 03
714 92				279 32		Fredericton	1,664 92		930 00	1,664 92	1,374 31	11 29	1,664 92
868 23				479 62		King's	1,788 23		920 00	1,788 23	1,308 61		1,788 23
834 58				711 27		St. John	1,169 58		315 00	1,169 58	458 31		1,169 58
2,437 73				1,470 21		New Brunswick	4,622 73		2,185 00	4,622 73	3,141 23	11 29	4,622 73
881 22				60 33		Cape Breton	881 22			881 22	820 89		881 22
1,439 64		47 67		511 70		Halifax	1,537 31		47 67	1,537 31	1,025 61		1,537 31

WEIGHTS AND MEASURES, 1887-88 — Continued.
 No. 23 (A)—INSPECTORS in account with Revenue.

DR.

CR.

BALANCES DUE BY INSPECTORS, 1ST JULY, 1887.		BALANCES DUE BY INSPECTORS, 30TH JUNE, 1888.		Deposited to credit of Receiver-General.	Stamps returned or destroyed.	DIVISIONS.	Total.	Seizures and Penalties.	Stamps issued to Inspectors.	Total.	Stamps returned or destroyed.	Deposited to credit of Receiver-General.	BALANCES DUE BY INSPECTORS, 30TH JUNE, 1888.		Total.
Stamps on hand.	Cash on hand.	Stamps on hand.	Cash on hand.										\$	cts.	
759 22	48 55	807 77	156 50	Pictou.....			807 77		467 00	807 77		156 50			807 77
248 34		715 34	268 39	Yarmouth.....			715 34		467 00	715 34		268 39			715 34
3,378 42	96 22	3,941 64	996 92	Nova Scotia			3,941 64		467 00	3,941 64		996 92			3,941 64
305 03		697 53	348 74	Charlottetown, P.E.I.....			697 53		392 50	697 53		348 74			697 53
2,566 23	124 80	4,411 03	1,426 53	Winnipeg, Manitoba			4,411 03		1,720 00	4,411 03	142 06	1,426 53		34 35	4,411 03
1,516 74		1,516 74	65 70	Victoria, B.C.....			1,516 74			1,516 74		65 70			1,516 74
39,387 67	4,528 35	84,838 55	689 95	Grand Totals.....			84,838 55	262 53	40,660 00	84,838 55	689 95	37,885 39	43,040 79	37,222 42	84,838 55

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

E. MIALL,
 Commissioner.

WEIGHTS AND MEASURES, 1887-88.

No. 23 (B).—Deputy Inspectors of the Old Divisions in account
 DR. with Revenue. CR.

Balances due 1st July, 1887. Cash on hand.		Total.	Divisions.	Balances due 30th June, 1888. Cash on hand	Total.
\$ cts.	\$ cts.	\$ cts.		\$ cts.	\$ cts.
87 10	87 10	87 10	..... Essex.....	87 10	87 10
87 10	87 10	87 10	..... Ontario.....	87 10	87 10
5 62	5 62	5 62	..... Hull.....	5 62	5 62
5 62	5 62	5 62	..... Quebec.....	5 62	5 62
92 72	92 72	92 72	..... Totals.....	92 72	92 72

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

E. MIALL,
Commissioner.

GAS INSPECTION AND LAW STAMPS, 1887 88.

No. 24.—STAMP Distributors in account with Inland Revenue Department.

CR.

DR.

BALANCES 1st July, 1887.		Stamps issued to Inspectors		Total.		Districts.		Commission allowed to Distributors of Law Stamps.		Deposited to credit of Receiver- General.		BALANCES, 30TH JUNE, 1888.		Total.	
Stamps on hand	Cash on hand	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	Stamps on hand.	Cash on hand.	\$	cts.
309 25	2 50	309 25	75 00	386 75	69 75	446 50	312 50	4 50	386 75	312 50	4 50	386 75	750 00	750 00	1500 00
434 00	.....	434 00	730 00	1164 00	18 75	1182 75	731 25	.....	1182 75	731 25	.....	1182 75	434 00	434 00	1616 75
593 75	12 00	605 75	605 75	1211 50	57 75	1269 25	548 00	.....	1269 25	548 00	.....	1269 25	605 75	605 75	1825 00
1,651 25	51 75	1,703 00	650 00	2,353 00	612 75	2,965 75	1,670 00	70 25	2,965 75	1,670 00	70 25	2,353 00	1,651 25	1,651 25	4,014 25
888 25	5 25	893 50	50 00	943 50	97 25	1,040 75	846 25	.....	1,040 75	846 25	.....	943 50	888 25	888 25	1,929 00
170 75	84 75	255 50	423 00	678 50	197 50	876 00	324 50	45 75	876 00	324 50	45 75	622 00	170 75	170 75	1,046 75
522 00	.....	522 00	.....	522 00	114 75	636 75	152 00	.....	636 75	152 00	.....	522 00	522 00	522 00	1,108 75
266 75	12 00	278 75	.....	278 75	20 50	299 25	363 00	.....	299 25	363 00	.....	266 75	266 75	266 75	565 50
383 50	.....	383 50	.....	383 50	2,203 40	6,036 90	2,355 60	.....	6,036 90	2,355 60	.....	383 50	383 50	383 50	6,420 40
891 50	111 50	1,003 00	3,725 00	4,728 00	3,980 90	8,708 90	169 00	.....	8,708 90	169 00	.....	891 50	891 50	891 50	9,600 40
6,111 00	279 75	6,390 75	5,675 00	12,065 75	.....	12,065 75	.....	.....	12,065 75	.....	.....	6,111 00	6,111 00	6,111 00	18,181 50
2,665 50	.....	2,665 50	1,150 00	3,815 50	1,730 00	5,545 50	2,085 50	.....	5,545 50	2,085 50	.....	2,665 50	2,665 50	2,665 50	8,211 00
1,716 75	25 00	1,741 75	75 00	1,816 75	263 75	2,080 50	878 00	.....	2,080 50	878 00	.....	1,716 75	1,716 75	1,716 75	3,796 75
560 25	12 00	572 25	.....	572 25	58 00	630 25	266 00	.....	630 25	266 00	.....	560 25	560 25	560 25	1,190 50
293 00	.....	293 00	.....	293 00	27 00	320 00	.....	.....	320 00	.....	.....	293 00	293 00	293 00	613 00
4,635 50	37 00	4,672 50	1,225 00	5,897 50	2,078 75	7,976 25	3,818 75	.....	7,976 25	3,818 75	.....	4,635 50	4,635 50	4,635 50	12,614 00
889 00	.....	889 00	.....	889 00	.....	889 00	.....	.....	889 00	.....	.....	889 00	889 00	889 00	1,778 00
1,087 75	.....	1,087 75	.....	1,087 75	30 50	1,118 25	1,057 25	.....	1,118 25	1,057 25	.....	1,087 75	1,087 75	1,087 75	2,205 50
1,571 50	9 00	1,580 50	691 00	2,271 50	29 50	2,301 00	661 50	.....	2,301 00	661 50	.....	1,571 50	1,571 50	1,571 50	3,872 50
3,548 25	9 00	3,557 25	125 00	3,682 25	250 25	3,932 50	1,455 25	.....	3,932 50	1,455 25	.....	3,548 25	3,548 25	3,548 25	7,487 75
.....	.....	.....	816 60	816 60	310 25	1,126 85	4,063 00	.....	1,126 85	4,063 00	.....	816 60	816 60	816 60	1,943 45

2,122 75 110 25	69 50	2,192 25 110 25	Halifax,	387 00	1,713 50 110 25	91 75	2,192 25 110 25
2,233 00	69 50	2,302 50	.....Pictou	387 00	1,823 75	91 75	2,302 50
748 75		748 75	.....Nova Scotia	52 75	696 00		748 75
1,000 25	12 00	1,037 25	.....Charlottetown, P.E.I.....	71 50	953 75	12 00	1,037 25
716 00		816 00	.....Winnipeg, Man.....	65 50	738 50	12 00	816 00
18,992 75	407 25	27,241 00	.....Victoria, B.C.....	6,946 63	19,877 10	417 26	27,241 00
270 85	2,435 15	2,706 00	.....Grand Totals, Gas Inspection.....	-2,462 39	78 56	34 39	2,706 00
			.....Law Stamps	130 66			

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

WEIGHTS AND MEASURES, 1887-88.

No. 25 (A).—INSPECTION DIVISIONS in account with Expenditure.
(For Details, see Appendix B.)

DR.

CR.

Balances due by sun-dry persons, 1st July, 1887.		Amounts received from Department to meet Expend-iture.		Deductions from Salaries for Super-annuation.		Balances due to sun-dry persons, 30th June, 1888.		Total.	
\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.
.....	52 85	3,149 88	38 28	.....	.....	3,188 16	.....	.....	.....
.....	5,367 34	89 97	.....	.....	5,457 31	.....	.....	.....
.....	2,869 05	38 28	.....	.....	2,907 33	.....	.....	.....
.....	3,141 37	39 77	19 10	.....	3,200 24	.....	.....	.....
.....	2,309 50	33 92	.....	.....	2,396 27	.....	.....	.....
.....	3,641 57	54 32	.....	.....	3,896 89	.....	.....	.....
.....	3,925 51	64 04	.....	.....	3,989 55	.....	.....	.....
.....	2,692 87	31 96	.....	.....	2,624 83	.....	.....	.....
.....	40 00	.....	.....	.....	40 00	.....	.....	.....
52 85	27,237 09	390 54	19 10	.....	.....	27,699 58	.....	.....	.....
.....	5,455 58	93 44	.....	.....	5,549 02	.....	.....	.....
.....	4,895 56	61 00	.....	.....	4,956 56	.....	.....	.....
.....	2,398 51	38 96	.....	.....	2,437 47	.....	.....	.....
.....	2,148 19	36 00	.....	.....	2,184 19	.....	.....	.....
.....	14,897 84	229 40	.....	.....	15,127 24	.....	.....	.....
.....	1,810 24	31 96	.....	.....	1,842 20	.....	.....	.....
.....	1,619 82	22 36	.....	.....	1,642 18	.....	.....	.....
.....	1,944 86	36 00	.....	.....	1,980 86	.....	.....	.....
.....	5,374 92	90 32	.....	.....	5,465 24	.....	.....	.....

EXPENDITURE AUTHORIZED BY THE DEPARTMENT.												
Salaries.	Special Assist-ance.	Seizure Ex-penses.	Rent.	Travelling Expenses.	Sundries.	Total.	Balances due by sun-dry persons, 1st July, 1887.			Balances due to sun-dry persons, 30th June, 1888.		
							\$	cts.	\$	cts.	\$	cts.
2,100 00	19 50	75 00	747 72	245 94	3,188 16	.....	.....	.....	.....	.....
4,475 32	724 06	.....	5,457 31	.....	.....	.....	.....	.....
2,100 00	90 00	495 00	221 33	2,907 33	.....	.....	.....	.....	.....
1,988 70	270 79	.....	.....	785 92	154 83	3,200 24	.....	.....	.....	.....	.....
1,700 00	6 50	.....	67 92	531 17	90 68	2,396 27	.....	.....	.....	.....	.....
2,900 00	287 50	529 50	178 89	3,896 89	.....	.....	.....	.....	.....
3,200 00	601 45	188 10	3,989 55	.....	.....	.....	.....	.....
1,600 00	2 75	.....	896 50	125 58	2,624 83	.....	.....	.....	.....	.....
.....	40 00	.....	40 00	.....	.....	.....	.....	.....
20,064 02	277 29	22 25	520 42	5,352 32	1,463 28	27,699 58	.....	.....	.....	.....	.....
4,850 00	9 00	.....	428 37	261 65	5,549 02	.....	.....	.....	.....	.....
3,408 35	41 00	1,274 89	232 32	4,956 56	.....	.....	.....	.....	.....
1,950 00	418 74	68 73	2,437 47	.....	.....	.....	.....	.....
1,866 64	25 00	242 27	50 28	2,184 19	.....	.....	.....	.....	.....
12,074 99	9 00	66 00	2,364 27	612 98	15,127 24	.....	.....	.....	.....	.....
1,600 00	215 83	26 37	1,842 20	.....	.....	.....	.....	.....
1,300 00	314 76	27 42	1,642 18	.....	.....	.....	.....	.....
1,800 00	160 11	20 75	1,980 86	.....	.....	.....	.....	.....
4,700 00	690 70	74 54	5,465 24	.....	.....	.....	.....	.....

877 41	16 04	893 45	800 00	35 00	13 15	45 30	893 45
1,545 61	20 60	1,568 21	1,033 30	222 50	38 23	172 18	1,566 21
1,075 06	19 04	1,094 10	983 32	50 63	60 46	50 32	1,094 10
1,148 32	19 96	1,168 28	1,000 00	50 63	75 61	42 04	1,168 28
138 05		138 05			135 75	2 30	138 05
4,784 45	75 64	4,860 09	3,816 62	308 13	323 20	312 14	4,860 09
1,288 09	19 96	1,308 05	1,000 00	56 44	195 03	56 68	1,308 05
4,163 40	55 88	4,219 28	3,464 98	144 00	522 15	88 15	4,219 28
1,251 35	16 40	1,267 75	950 00	210 00	12 25	95 50	1,267 75
5,699 73	56 04	5,755 77	2,800 00		687 10	2,268 67	5,755 77
958 93		958 93				958 93	958 93
784 75		784 75				784 75	784 75
24 00		24 00				24 00	24 00
66,464 55	934 18	67,470 68	48,870 61	1,304 99	10,147 02	6,739 52	67,470 68
52 85	19 10	67,470 68		31 25			

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

WEIGHTS AND MEASURES, 1887-88.

No. 25 (B)—INSPECTION Divisions in Account with Expenditure
 DR. (Old Divisions). CR.

Balances due by sundry persons, 1st July, 1887.		Total.	DIVISIONS.	Balances due by sundry persons, 30th June, 1888.	Total.
\$	cts.	\$		\$	cts.
39	56	39	Essex.....	39	56
33	53	33	Waterloo.....	33	53
73	09	73	Ontario.....	73	09
0	33	0	Drummond.....	0	33
41	45	41	Laval.....	41	45
26	88	26	Montmorency.....	26	88
27	51	27	Richelieu.....	27	51
96	17	96	Quebec.....	96	17
24	00	24	Lunenburg, Nova Scotia.....	24	00
193	26	193	Totals.....	193	26

E. MIALL,
 Commissioner.

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

GAS INSPECTION, 1887-88.

No. 26 — INSPECTION Districts in Account with Expenditure.
(For Details, see Appendix B.)

CR.

DR.

Balances due by Sundry Persons, 1st July, 1887.	EXPENDITURE AUTHORIZED BY THE DEPARTMENT.				Balances due by Sundry Persons, 30th June, 1888.	Total.
	Salaries.	Special Assistance.	Rent.	Travelling Expenses.			Sundries.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
	DISTRICTS.					
	Total.					
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
	242 60	3 00	50 00	33 15	45 60	245 60
	49 78			16 63	16 63	49 78
	163 18	1 76	45 00	24 30	4 00	164 94
	212 60			49 65	162 95	212 60
	49 02	96				49 98
	1,251 74	19 96	27 00	126 08	116 62	1,271 70
	490 39	7 96	45 00		53 35	498 35
	143 97	1 60	45 00	16 75	0 50	145 57
	1,492 29	19 96	110 00	305 40	96 85	1,512 25
	1,048 62	13 96	212 50	62 20	87 88	1,062 58
	133 43	2 60			2 75	136 03
	116 73	1 76		15 10	11 75	118 49
	1,451 90	26 66		15 50	75 65	1,477 56
	14 00			14 00		14 00
	6,860 25	99 18	534 50	661 13	674 53	6,959 43
	..... Ontario.....					
	2,121 51	28 04			17 55	2,149 55
	1,547 61	19 96	41 00		376 57	1,587 57
	186 12				30 27	186 12
	189 02	2 48			1 50	191 50
	4 054 26	50 48	41 00		425 80	4,104 74
	..... Quebec.....					
	..... Sherbrooke.....					
	..... Three Rivers.....					
	..... Quebec.....					

.....	64 94	.....	64 94	.....	64 94	.....	64 94
.....	105 00	.....	105 00	.....	105 00	.....	105 00
12 88	20,668 36	226 62	20,907 86	.....	1,948 93	4,956 87	20,907 86

Stationery.....	.....	.....	.....	.....	.....	.....	.....
Lithographing.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	11,876 27	869 85	1,223 06	1,948 93	4,956 87	12 88	20,907 86

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

No. 27.—STATEMENT showing the Amount Voted and the Expenditure Authorized for each Service, 1887-88.

Expenditure made by the Department.	Over Expended.	Under Expended.	Service.	Vote.
\$ cts.	\$ cts.	\$ cts.		\$ cts.
7,000 00			Minister's Salary.....	7,000 00
40,946 87		1,230 65	Departmental Salaries.....	42,177 52
6,928 44		71 56	do Contingencies.....	7,000 00
254,098 40	1,113 40		Excise Salaries.....	252,985 00
75,976 14	5,976 14		do Contingencies.....	70,000 00
2,041 09	41 09		Extra allowances to Officers in Manitoba.....	2,000 00
417 94		3,082 06	Commissions to Customs Officers....	3,500 00
4,956 03		1,643 97	Duty Pay.....	6,600 00
31,375 20	139 20		Canal Salaries.....	31,236 00
7,482 12		142 88	do Contingencies.....	7,625 00
18,849 92	599 92		Slides and Booms Salaries.....	18,250 00
2,361 70		1,238 30	do Contingencies....	3,600 00
15,500 00	200 00		Culling Timber Salaries.....	15,300 00
6,333 82		3,166 18	do Contingencies.....	9,500 00
22,268 30		7,731 70	do Fees.....	30,000 00
5,433 36		1,166 64	do Annuities.....	6,600 00
17,950 22		49 78	Preventive Service.....	18,000 00
69 01		1,430 99	Minor Revenues.....	1,500 00
129 75		370 25	Commission on sale of Stamps for Canada Twist Tobacco.....	500 00
48,870 61		2,429 39	Inspection of Weights and Measures Salaries.....	51,300 00
18,528 12	528 12		Inspection of Weights and Measures Contingencies.....	18,000 00
11,876 27	176 27		Gas Inspection Salaries.....	11,700 00
9,018 71	1,518 71		do Contingencies.....	7,500 00
2,517 51	17 51		Inspection of Staples.....	2,500 00
24,817 08	2,317 08		Adulteration of Food.....	22,500 00
635,746 61	12,627 44	23,754 35	Total.....	646,873 52

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

E. N' IALL,
Commissioner.

No. 28.—STATEMENT showing Receipts and Expenditure on account of Wood Naphtha for Year ended 30th June, 1888.

	\$ cts.	\$ cts.
Receipts.....	19,161 66	.....
Expenditure.....	.....	31,999 12
Balance to debit, being stock on hand.....	12,837 46	.....
Totals	31,999 12	31,999 12

E. MIALL,
Commissioner.

IN LAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A.

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STATISTICS.

APPENDIX A—SPIRITS.

No. 1.—RETURN of Manufactures

REVENUE DIVISIONS.	GRAIN, &C., USED FOR DISTILLATION.							Total Grain used for Distillation.
	Malt.	Indian Corn.	Rye.	Wheat.	Oats.	Barley.	Molasses.	
		Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
Belleville, Ont..	72,715	1,425,254	425,261	.....	16,890	.....	.....	1,940,120
Guelph do ...	201,825	3,912,300	635,450	358,150	108,675	.....	.....	5,216,400
Hamilton do ...	64,340	1,281,280	210,909	25,807	20,020	.....	.....	1,602,356
Perth do ...	269,816	.....	.....	.....	.....	.....	.....	269,816
Prescott do ...	598,976	7,952,079	1,332,049	.....	100,084	.....	.....	9,983,188
Toronto do ...	1,667,289	34,477,750	5,479,367	1,147,942	640,210	85,693	.....	43,498,250
Windsor do ...	1,338,084	23,519,028	3,446,968	723,342	388,428	.....	.....	29,415,850
Halifax, N.S.....	393,500	1,718,036	92,000	1,568	106,582	6,200	90,499	2,317,886
Totals	4,606,544	74,285,727	11,622,004	2,256,809	1,380,889	91,893	90,499	94,243,866

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

for the Year ended 30th June, 1888.

LICENSES		Proof Spirits Manufactured at \$1.30, \$1.32 and \$1.33 per gallon.		Assessments to bring production up to Standard.		Total.		Duty collected on Assessments, on deficiencies, and on License Fees.
No.	Fees.							
	\$	Gallons.	\$ cts.	Gallons.	\$ cts.	Gallons.	\$ cts.	\$ cts.
1	250	112,407-88	146,130 24			112,407-88	146,130 24	250 00
1	250	312,179-17	405,832 91			312,179-17	405,832 91	2,425 46
1	250	89,448-69	116,283 31			89,448-69	116,283 31	250 00
2	500	12,981-91	17,136 12	1-80	2 37	12,983-71	17,138 49	751 01
1	250	563,642-88	732,735 73			563,642-88	732,735 73	22,397 98
2	500	2,494,967-81	3,243,458 14			2,494,967-81	3,243,458 14	23,478 24
2	375	1,806,843-63	2,348,896 72	695-89	904 65	1,807,539-52	2,349,801 37	11,816 06
1	250	122,117-06	161,249 35	335-32	442 62	122,452 38	161,691 97	1,739 00
11	2,625	5,514,589-03	7,171,722 52	1,033-01	1,349 64	5,515,622-04	7,173,072 16	63,107 75

E. MIALL,
Commissioner.

APPENDIX A—Continued—SPIRITS,

No 2.—COMPARATIVE STATEMENT of Spirits manufactured

PROVINCES.	GRAIN, &C., USED FOR DISTILLATION.							Total Grain used for Distillation.
	Malt.	Indian Corn.	Rye	Wheat.	Oats and other grain.	Barley.	Molasses.	
1887.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
Ontario.....	4,527,937	69,129,563	14,324,795	.....	1,548,864	.....	.....	89,531,159
Nova Scotia.....	213,900	937,740	55,450	.....	133,902	.....	38,750	1,340,992
Totals.....	4,741,837	70,067,303	14,380,245	.....	1,682,766	.....	38,750	90,872,151
1888.								
Ontario.....	4,213,044	72,567,691	11,530,904	2,255,241	1,274,307	85,693	.....	91,925,980
Nova Scotia.....	393,500	1,718,036	92,000	1,568	106,582	6,200	90,499	2,317,886
Totals.....	4,606,544	74,285,727	11,622,004	2,256,809	1,380,889	91,893	90,499	94,243,866

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

during the Years ended 30th June, 1887 and 1888.

LICENSES.		Proof Spirits manufactured at \$1.30, \$1.32 and \$1.33 per gallon.		Assessments to bring production up to Standard.		Total.		Duty collected on Assessments, on deficiencies, and on License Fees.	
No.	Fees.								
	\$	Gallons.	\$ cts.	Gallons.	\$ cts.	Gallons.	\$ cts.	\$	cts.
8	2,000	5,048,873 71	6,563,781 44	.....	.....	5,048,873 71	6,563,781 44	4,475	68
1	250	70,632 62	93,245 48	.....	.....	70,632 62	93,245 48	250	00
9	2,250	5,119,506 33	6,657,026 92	.....	.....	5,119,506 33	6,657,026 92	4,725	68
10	2,375	5,392,471 97	7,010,473 17	697 69	907 02	5,393,169 66	7,011,380 19	61,368	75
1	250	122,117 06	161,249 35	335 32	442 62	122,452 38	161,691 97	1,739	00
11	2,625	5,514,589 03	7,171,722 52	1,033 01	1,849 64	5,515,622 04	7,173,072 16	63,107	75

E. MIALL,
Commissioner.

APPENDIX A.—Continued.—SPIRITS.

No. 3.—STATEMENT showing the transactions in the Distilleries

Divisions.	Spirits in Process of Manu- facture, 1st July, 1887.	Spirits Manufactured during year.	Spirits Returned to Distillery for redistil- lation.	Spirits received at Distillery from other Sources.	
				Duty paid.	In Bond.
	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
Belleville.....		112,407 88	309 55	306 44	
Guelph.....	5,637 57	312,179 17	5,459 98	2,276 33	
Hamilton.....		89,448 69			
Perth.....	45 07	12,981 91			588 46
Prescott.....	23,228 50	563,642 88	3,578 61	566 21	
Toronto.....	63,891 29	2,494,967 81	98,528 48	747 11	
Windsor.....	67,426 33	1,806,843 63	7,706 51	997 67	
Halifax, N.S.....	78 80	122,117 06			
Totals.....	160,307 56	5,514,589 03	115,583 13	4,893 76	588 46

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

in the Dominion of Canada, during the Year ended 30th June, 1888.

Total.	Spirits Warehoused during year.	Fusel Oil.		Deficiency in Spirits at Stock taking 30th June, 1888.	Spirits in Process of Manufacture 30th June, 1888.	Total.
		Destroyed.	Removed.			
Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
113,023 87	110,468 55	1,473 45	.....	1,081 87	.....	113,023 87
325,553 05	320,776 92	1,335 70	474 08	2,901 47	64 88	325,553 05
89,448 69	86,551 40	37 35	111 85	1,629 49	1,118 60	89,448 69
13,615 44	13,421 16	.....	.....	135 03	59 25	13,615 44
591,016 20	560,988 16	3,551 15	230 70	5,348 04	20,898 15	591,016 20
2,658,134 69	2,621,970 09	5,951 84	3,237 30	.....	26,975 46	2,658,134 69
1,882,974 14	1,817,575 90	6,523 24	.....	203 07	58,671 93	1,882,974 14
122,195 86	117,880 23	.....	.....	1,040 46	3,275 17	122,195 86
5,795,961 94	5,649,632 41	18,872 73	4,053 93	12,339 43	111,063 44	5,795,961 94

E. MIALL,
Commissioner.

APPENDIX A—Continued—SPIRITS.

DR.

No. 4.—SPIRIT WAREHOUSE RETURN

Remaining in Warehouse from last year.	Placed in Warehouse Ex-Distillery.	Re-Warehoused and Imported	Received in Bond from other Divisions.	Totals.	REVENUE DIVISIONS.	Entered for Consumption at \$1.00, \$1.02 and \$1.03 per Gallon.	
Gallons.	Gallons.	Gallons.	Gallons.	Gallons.		Gallons.	\$ cts.
59,613.44	110,468.55		64,683.73	234,765.72	Belleville	49,607.30	64,489 40
3,409.55			15,305.00	18,714.55	Brantford	8,934.09	11,614 36
271,974.42	320,776.92		34,092.96	626,844.20	Guelph	83,933.45	109,113 48
8,068.99	86,551.40		99,323.01	193,943.40	Hamilton	70,678.08	91,881 52
980.42			48,173.09	49,153.51	Kingston	39,079.79	50,803 75
2,010.36			88,184.19	90,194.55	London	82,981.41	107,875 80
2,057.78			133,499.87	133,557.65	Ottawa	126,624.59	164,611 90
			7,732.20	7,732.20	Owen Sound	6,300.97	8,191 25
			3,472.29	3,472.29	Naptha Warehouse, Ottawa		
21,479.08	12,832.70		11,330.95	45,642.73	Perth	13,981.90	18,234 97
			103.02	103.02	Peterborough	103.02	133 93
1,460.67			10,239.58	11,700.25	Port Arthur	8,787.39	11,423 66
430,549.81	560,988.16	32,884.22	68,588.68	1,093,010.87	Prescott	49,029.93	*77,765 44
1,250.39			24,232.49	25,482.88	St. Catharines	18,765.09	24,394 59
			26,616.00	26,616.00	Stratford	24,599.58	31,979 48
1,792,395.50	2,625,326.00		110,102.59	4,527,824.09	Toronto	370,329.99	478,235 84
1,880.115.60	1,817,575.90		5,409.20	3,703,100.70	Windsor	202,969.96	263,860 49
			1,705.94	1,705.94	Iberville	1,236.13	1,606 97
			10,154.72	10,154.72	Joliette	8,391.67	10,909 20
40,257.94		5,962.12	764,889.97	811,110.03	Montreal	588,987.43	765,684 56
12,190.05		2,994.95	266,281.67	281,466.67	Quebec	227,912.17	296,285 65
			40,106.61	40,106.61	St. Hyacinthe	35,581.66	46,256 19
			43,548.62	43,548.62	Sherbrooke	41,805.97	54,347 83
			17,034.65	17,034.65	Sorel	16,844.35	21,897 66
			25,538.51	25,538.51	Three Rivers	23,327.86	30,326 29
1,215.18			103,169.75	104,384.93	St. John. N.B.	82,306.05	107,312 81
10,360.13	117,880.23		24,389.70	152,630.06	Halifax, N.S.	43,080.26	56,462 51
			100.05	100.05	Pictou	100.05	130 07
1,154.05			508.02	1,662.07	Charlottetown, P.E.I.	1,630.20	2,136 95
1,929.70			76,837.69	78,767.39	Winnipeg, Man.	66,571.37	86,542 56
12,891.82			31,667.57	44,559.39	Victoria, B.C.	31,845.28	41,398 85
8,612.54				8,612.54	Suspense		
4,563,977.42	5,652,399.86	41,841.29	2,157,022.32	12,415,240.89	..... Totals	2,326,326.99	*3,035,907.96

Spirits Warehoused as shown above... 5,652,399.86
do do by State-ment No. 3..... 5,649,632.41

2,767.45 being surplus of 3,355.91 gallons at Toronto.
Less..... 588.46 gallons received in bond at Perth (entered in column 4 above).
2,767.45

At Toronto, 2,776.25 gallons Spirits used in the manufacture of articles in bond under Section 234, Inland Revenue Act, paid duty at 15 cents per gallon.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

for the year ended 30th June, 1888.

CR.

REMOVED IN BOND.		FREE.		Exported.	Used in Bonded Factories.	Remaining in Warehouse.	Totals.
To other Divisions.	To Distillery for Re-distillation	Legal allowance.	Other.				
Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
18,608·96	309·55	1,212·45	306·44			164,721·02	234,765·72
					6,898·30	2,882·16	18,714·55
46,774·40	5,459·98	3,820·19	2,694·26	60·34		484,101·68	626,844·30
34,387·52					84,635·85	4,241·95	193,943·40
385·50					7,762·36	1,925·86	49,153·51
264·61				64·62		6,883·91	90,194·55
						8,933·06	135,557·65
						1,431·23	7,732·20
						3,472·29	3,472·29
		103·22				31,557·61	45,642·73
							103·02
						2,912·86	11,700·25
358,719·77	3,578·61	2,075·01	948·63	135·86	32,884·22	645,638·84	1,093,010·87
150·19						6,567·60	25,482·88
						2,016·42	26,616·00
734,904·16	98,528·48	12,501·71	5,933·67	2,306·38	95,616·92	3,207,702·78	4,527,824·09
885,440·70	7,460·76	18,807·86	996·44	4,149·66		2,583,275·32	3,703,100·70
						469·81	1,705·94
						1,763·05	10,154·72
42,668·35						86,041·28	93,412·97
660·97						15,406·29	37,487·24
						4,524·95	40,106·61
						1,742·65	43,548·62
						190·30	17,034·65
						2,210·65	25,538·51
					6,540·20	15,538·68	104,384·93
33,779·02		271·82		1,061·75		74,437·21	152,630·06
							100·05
						31·87	1,662·07
						11,070·40	70,707·00

ERRATA, to face page 68.

For \$1.00, \$1.02 and \$1.03, at head of column 7, read \$1.30, \$1 32 and \$1.83.

Commissioner.

APPENDIX A—Continued—SPIRITS.

DR.

No. 5.—COMPARATIVE STATEMENT of Warehouse

Spirits remaining in Warehouse from last Year.	Spirits placed in Warehouse.	Spirits re-Warehoused and Imported.	Spirits received from Divisions.	Totals.	Provinces.	Spirits entered for Consumption at \$1, \$1.02 and \$1.03 per gall.	
						Gallons.	\$ cts.
Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	1887.	Gallons.	\$ cts.
2,678,545·63	4,820,425·86	15,425·52	871,408·79	8,385,805·80	Ontario.....	1,373,683·82	*1,792,809 93
115,628·03	.....	16·50	1,233,150·53	1,348,795·06	Quebec.....	1,140,132·45	1,482,274 02
12,262·13	.....	.....	103,650·63	115,912·76	New Brunswick..	108,961·54	141,944 50
6,741·41	69,761·11	.....	47,440·39	123,942·91	Nova Scotia	89,254·58	116,801 85
2,248·06	.....	.....	3,956·43	6,204·49	P. E. Island.....	5,050·44	6,574 59
6,608·08	.....	.....	100,456·93	107,065·01	Manitoba.....	103,861·03	125,019 27
10,440·91	.....	.....	46,453·86	56,894·77	British Columbia	43,991·34	57,188 81
2,832,474·25	4,890,186·97	15,442·02	2,406,517·56	10,144,620·80	..... Totals.....	2,864,935·20	*3,732,612 97
					1888.		
4,483,978·55	5,534,519·63	32,884·22	751,088 85	10,802,471·25	Ontario.....	1,156,706·54	†1,514,609 86
52,447·99	.....	8,957·07	1,169,260·69	1,230,665·75	Quebec.....	944,087·24	1,227,314 35
1,215·18	.....	.....	103,169·75	104,384·93	New Brunswick..	82,306·05	107,312 81
10,360·13	117,880·23	.....	24,489·75	152,730·11	Nova Scotia	43,180·31	56,592 58
1,154·05	.....	.....	508·02	1,662·07	P. E. Island.....	1,630·20	2,136 95
1,929·70	.....	.....	76,837·69	78,767·39	Manitoba.....	66,571·37	86,542 56
12,891·82	.....	.....	31,667·57	44,559·39	British Columbia	31,845·28	41,398 85
4,563,977·42	5,652,399·86	41,841·29	2,157,022 32	12,415,240·89	..... Totals.....	2,326,326·99	†3,035,907·96

* This includes the duty at 45 cents per gall. on 15,425·52 galls. imported spirits used in Bonded Factories.

† This includes the duty at 45 and 30 cents per gall. on 32,884·22 galls imported spirits used in Bonded Factories.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

ERRATA, to face page 70.

For \$1.00, \$1.02 and \$1.03 at head of column 7, read \$1.30, \$1.32 and \$1.33.

Returns for the Years ended 30th June, 1887 and 1888.

Cr.

Removed in Bond.		Free.		Exported.	Used in Bonded Factories.	Remaining in Warehouse.	Totals.
To other Divisions.	To Distillery for Re-distillation.	Legal Allowance.	Other.				
Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.
2,352,605·33		1,420·89	261·76	3,614·03	170,241·42	4,483,978·55	8,385,805·80
29,524·74			133·32	225·63	126,330·93	52,447·99	1,348,795·06
804·91					4,931·13	1,215·18	115,912·76
23,582·58				745·62		10,360·13	123,042·91
						1,154·05	6,204·49
			1,274·28			1,929·70	107,065·01
				11·61		12,891·82	56,894·77
2,406,517·56		1,420·89	1,669·36	4,596·89	301,503·48	4,563,977·42	10,144,620·80
2,079,635·81	115,337·38	38,520·44	10,879·44	6,716·86	227,797·65	7,166,877·13	10,802,471·25
43,329·32					101,447·57	141,801·62	1,230,665·75
					6,540·20	15,538·68	104,384·93
33,779·02		271·82		1,061·75		74,437·21	152,730·11
						31·87	1,662·07
278·17				39·36		11,878·49	78,767·39
				71·41		12,642·70	44,559·39
2,157,022·32	115,337·38	38,792·26	10,879·44	7,889·38	335,785·42	7,423,207·70	12,415,240·89

	1887.	1888.
Total Duty collected, Ex-Manufactory and Ex-Warehouse.....	\$3,735,088 65	\$3,096,390 71
do on Licenses.....	2,250 00	2,625 00
Totals.....	\$3,737,338 65	\$3,099,015 71

E. MIALL,
Commissioner.

APPENDIX A—Continued—MALT.

No. 6—RETURN of Malt manufactured for the Year ended 30th June, 1888.

REVENUE DIVISIONS.	No. of Maltsters.	License Fees.	Grain placed in Steep.	Malt manufactured at 1 cent per lb.	Paid Duty Ex-manufactory.	Warehoused.	Total Duty Collected Ex-manufactory, and on Licenses.
		\$	Lbs.	Lbs.	Lbs.	Lbs.	\$ cts.
Belleville.....	2	100	253,795	194,347	62,845	131,502	728 45
Branford.....	1	50	439,563	347,569	10,447	337,122	154 47
Guelph.....	7	550	4,427,413	3,486,808	242,794	3,244,014	2,977 94
Hamilton.....	3	450	4,283,168	3,368,122	.....	3,368,122	450 00
Kingston.....	2	100	265,260	208,188	.....	208,188	100 00
London.....	3	450	6,018,443	4,692,112	.....	4,692,112	450 00
Ottawa.....	1	50	290,658	226,314	.....	226,314	50 00
Owen Sound.....	2	100	290,346	230,549	.....	230,549	100 00
Perth.....	2	100	304,269	237,951	.....	237,951	100 00
Peterborough.....	3	300	1,225,171	973,439	69,370	904,069	993 70
Prescott.....	4	350	3,612,690	2,776,917	360,337	2,416,580	3,953 37
St. Catharines.....	4	175	1,426,488	1,118,720	460,178	658,542	4,776 78
Stratford.....	5	400	5,349,361	4,114,608	28,673	4,085,935	686 73
Toronto.....	12	1,700	19,552,262	15,214,114	2,077,988	13,136,126	22,479 88
Windsor.....	2	250	5,829,937	4,727,851	3,104	4,724,747	281 04
Totals.....	53	5,125	53,547,533	41,907,609	3,315,736	38,591,873	38,282 36
Montreal.....	6	750	11,625,982	9,007,825	2,382,698	6,625,127	24,576 98
Quebec.....	1	100	1,052,971	831,053	.....	831,053	100 00
St. Hyacinthe.....	1	50	25,200	19,110	19,110	.....	241 10
Sherbrooke.....	2	400	200,708	156,778	112,435	44,343	1,224 35
Terrebonne.....	1	50	156,662	127,589	.....	127,589	50 00
Totals.....	11	1,950	13,062,523	10,142,355	2,514,243	7,628,112	26,192 43
Halifax, N.S.....	2	100	432,044	332,478	138,919	193,559	1,489 19
Charlottetown, P.E.I.....	1	50	107,200	82,277	.....	82,277	50 00
Winnipeg, Manitoba.....	4	250	1,834,514	1,461,530	89,605	1,371,925	1,146 05
Victoria, B.C.....	1	50	6,190	4,818	4,818	.....	98 18
Totals.....	72	6,225	68,990,304	53,931,067	6,063,321	47,867,746	67,258 21

INLAND REVENUE DEPARTMENT, OTTAWA, 8th September, 1888.

E. MIALL, Commissioner.

APPENDIX A—Continued—MALT.

No. 7.—COMPARATIVE STATEMENT of Malt Manufactured for the Years ended 30th June, 1887 and 1888.

PROVINCES.	Number of Maltsters.	License Fees.	Grain placed in Steep.	Malt Manufactured at 1c. per lb.	Paid Duty Ex-manufactory.	Warehoused	Total Duty collected Ex-manufactory, and on Licenses.
		\$	Lbs.	Lbs.	Lbs.	Lbs.	\$ cts.
1887.							
Ontario.....	54	5,225	53,860,581	42,131,943	3,765,469	38,366,474	42,879 69
Quebec.....	11	1,050	13,326,518	10,150,640	2,071,145	8,079,495	21,761 45
Nova Scotia.....	2	100	661,904	515,857	230,218	285,639	2,402 18
Prince Edward Island	1	50	155,400	119,607	.....	119,607	50 00
Manitoba.....	4	250	1,406,414	1,136,456	110,419	1,026,037	1,354 19
British Columbia.....	3	150	351,756	273,421	273,421	.....	2,884 21
Totals.....	75	6,825	69,762,573	54,327,924	6,450,672	47,877,252	71,331 72
1888.							
Ontario.....	53	5,125	53,547,833	41,907,609	3,315,736	38,591,873	38,282 36
Quebec.....	11	1,050	13,062,523	10,142,355	2,514,243	7,628,112	26,192 43
Nova Scotia.....	2	100	432,044	332,478	138,919	193,559	1,489 19
Prince Edward Island	1	50	107,200	82,277	.....	82,277	50 00
Manitoba.....	4	250	1,834,514	1,461,530	89,605	1,371,925	1,146 05
British Columbia.....	1	50	6,190	4,818	4,818	.....	98 18
Totals.....	72	6,625	68,990,304	53,931,067	6,063,321	47,887,746	67,258 21

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued—MALT.

DR.

NO. 8.—MALT WAREHOUSE RETURN,

Remaining in Warehouse from last year.	Placed in Warehouse.	Increases.	Received from other Divisions.	Imported.	Total.	REVENUE DIVISIONS.
Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	
121,852	131,502		64,800		318,154	...Belleville.....
154,414	337,122	7,136			498,672	...Brantford.....
1,586,910	3,244,014	10,696			4,841,620	...Guelph.....
795,232	3,358,122	35,802	152,200		4,341,356	...Hamilton.....
110,616	208,188		25,999		344,803	...Kingston.....
1,267,852	4,692,112	2,409	363,786	15,060	6,341,219	...London.....
76,694	226,314				303,008	...Ottawa.....
89,837	230,549				320,386	...Owen Sound.....
30,379	237,951	180	21,600		290,110	...Perth.....
325,651	904,069	27,527	215,543		1,472,790	...Peterborough.....
			50,062		50,062	...Port Arthur.....
617,867	2,416,580	1,010	266,980		3,302,437	...Prescott.....
373,116	658,542	6,273	96,000	2,025	1,135,956	...St. Catharines.....
2,627,870	4,085,935				6,713,805	...Stratford.....
5,655,903	13,136,126	247,283	1,074,576	12,200	20,126,088	...Toronto.....
3,715,714	4,724,747	11,644	24,570		8,476,675	...Windsor.....
1,955,444	6,625,127		84,614		8,665,185	...Montreal.....
	831,053				831,053	...Quebec.....
163,896	44,343				208,239	...Sherbrooke.....
96,295	127,589				223,884	...Terrebonne.....
70,200			857,262		927,462	...St. John, N.B.....
116,521	193,559	1,916	1,326,777		1,638,773	...Halifax, N.S.....
45,607	82,277				127,884	...Charlottetown, P.E.I.....
272,514	1,371,925		88,650		1,733,089	...Winnipeg, Man.....
				1,237,894	1,237,894	...Victoria, B.C.....
20,270,384	47,867,746	351,876	4,713,419	1,267,179	74,470,604	.....Totals.....

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

for the Year ended 30th June, 1888.

CR.

Entered for Consumption at 1 cent per lb.		Removed to other Divisions.	Exported.	Free and written off by Authority.	Remaining in Warehouse.	Total.
Lbs.	\$ cts.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
219,656	2,196 56	21,600	.....	.....	76,893	318,154
137,221	1,372 21	342,000	.....	.....	19,451	498,672
2,896,633	28,966 33	103,639	677,993	.....	1,163,355	4,841,620
2,055,287	20,552 87	74,062	996,158	.....	1,215,849	4,341,356
265,101	2,651 01	.....	.....	.....	79,702	344,803
4,483,859	44,838 59	26,325	.....	.....	1,831,035	6,341,219
250,773	2,507 73	.....	.....	.....	52,235	303,008
270,936	2,709 36	.....	.....	.....	49,450	320,386
9,585	95 85	.....	.....	269,816	10,709	290,110
1,092,781	10,927 81	36,000	86,334	7,372	250,303	1,472,790
50,062	500 62	.....	.....	.....	.....	50,062
2,637,071	26,370 71	21,600	.....	.....	643,766	3,302,437
523,006	5,230 06	.....	265,781	.....	347,169	1,135,956
3,093,719	30,937 19	1,743,726	227,336	.....	1,649,024	6,713,805
11,051,804	110,518 04	1,785,991	1,239,785	.....	6,048,508	20,126,088
2,019 178	20,191 78	.....	3,230,000	.....	3,227,497	8,476,675
5,878,373	58,783 73	461,262	14,130	.....	2,311,420	8,665,185
831,053	8,310 53	.....	.....	.....	.....	831,053
208,239	2,082 39	.....	.....	.....	.....	208,239
73,377	733 77	61,214	.....	.....	89,293	223,884
855,462	8,554 62	.....	.....	.....	72,000	927,462
1,059,285	10,592 85	36,000	.....	393,500	149,988	1,638,773
98,922	989 22	.....	.....	1,235	27,727	127,884
1,291,058	12,910 58	.....	.....	.....	442,031	1,733,089
1,224,705	12,247 05	.....	.....	.....	13,189	1,237,894
42,577,166	425,771 46	4,713,419	6,737,517	671,923	19,770,599	74,470,604

E. MIALL,
Commissioner.

APPENDIX A—Continued—MALT.

DR.

No. 9.—COMPARATIVE STATEMENT of Malt Warehouse

Remaining in Ware- house from last year.	Placed in Warehouse.	Increases.	Received from other Divisions.	Imported.	Total.	PROVINCES.
Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	1887.
		*3,060				
12,871,992	38,366,474	333,645	1,667,257	13,762	53,256,190	..... Ontario.....
1,429,328	8,079,495	.....	109,455	.....	9,618,278	..... Quebec.....
138,337	.....	.....	649,113	.....	787,450	..... New Brunswick.....
50,943	285,639	.....	364,140	.....	700,722	..... Nova Scotia.....
38,818	119,607	1,235	.....	.....	159,660	..... Prince Edward Island.....
278,039	1,026,037	.....	48,105	50,253	1,402,434	..... Manitoba.....
.....	.....	.....	.....	803,384	803,384	..... British Columbia.....
14,807,457	47,877,252	337,940	2,838,070	867,399	66,728,118	..... Totals.....
						1888.
17,549,907	38,591,873	349,960	2,356,116	29,285	58,877,141	..... Ontario.....
2,215,635	7,628,112	.....	84,614	.....	9,928,361	..... Quebec.....
70,200	.....	.....	857,262	.....	927,462	..... New Brunswick.....
116,521	193,559	1,916	1,326,777	.....	1,638,773	..... Nova Scotia.....
45,607	82,277	.....	.....	.....	127,884	..... Prince Edward Island.....
272,514	1,371,925	.....	88,650	.....	1,733,089	..... Manitoba.....
.....	.....	.....	.....	1,237,894	1,237,894	..... British Columbia.....
20,270,384	47,867,746	351,876	4,713,419	1,267,179	74,470,604	..... Totals.....

* Re-warehoused.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888

Returns, for the Years ended 30th June, 1887 and 1888.

Cr.

Entered for Consumption at 1 cent per lb.		Removed to other Divisions.	Exported.	Free, and Written off by Authority.	Remaining in Warehouse.	Total.
Lbs.	\$ cts.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
26,026,177	260,261 77	2,485,700	6,903,229	291,177	17,549,907	53,256,190
7,018,683	70,186 83	352,370	31,590	.....	2,215,635	9,618,278
717,250	7,172 50	.....	.....	.....	70,200	787,450
370,301	3,703 01	.....	.....	213,900	116,521	700,722
114,053	1,140 53	.....	.....	.....	45,697	159,660
1,129,920	11,299 20	.....	.....	.....	272,514	1,402,434
803,384	8,033 84	.....	.....	.....	.....	803,384
36,179,768	361,797 68	2,838,070	6,934,819	505,077	20,270,384	66,728,118
31,056,672	310,566 72	4,154,943	6,723,387	277,188	16,664,951	58,877,141
6,991,042	69,910 42	522,476	14,130	.....	2,400,713	9,928,361
855,462	8,554 62	.....	.....	.....	72,000	927,462
1,059,285	10,592 85	36,000	.....	393,500	149,988	1,638,773
98,922	989 22	.....	.....	1,235	27,727	127,884
1,291,058	12,910 58	.....	.....	.....	442,031	1,733,089
1,224,705	12,247 05	.....	.....	.....	13,189	1,237,894
42,577,146	425,771 46	4,713,419	6,737,517	671,923	19,770,599	74,470,604
					1887.	1888.
Total Duty collected ex-Warehouse and ex-Manufacture.....					\$426,304 40	\$486,404 67
do on Licenses.....					6,825 00	6,625 00
					\$433,129 40	\$493,029 67

E. MIALL,
Commissioner.

APPENDIX A—Continued.—MALT LIQUOR.

No. 10.—RETURN of Malt Liquor Manufactured for the Year ended
30th June, 1888.

REVENUE DIVISIONS.	No. of Brewers.	License Fees.	Total Quantity of Malt used for Brewing.	Sugar, &c.	Malt Liquor Manufactured.	Malt Liquor Exported and used by H. M. Army and Navy.	Duty Collected, including License Fees.
		\$	Lbs.	Lbs.	Galls.	Galls.	\$ cts.
Belleville.....	3	150	215,450	.....	68,840	.....	150 00
Brantford.....	1	50	131,392	.....	35,550	.....	50 00
Guelph.....	13	650	3,442,771	.....	1,242,102	.....	650 00
Hamilton.....	4	200	2,126,936	.....	807,944	.....	200 00
Kingston.....	3	150	268,770	.....	92,350	.....	150 00
London.....	5	250	4,813,859	.....	1,750,783	426	250 00
Ottawa.....	3	150	674,042	.....	200,888	.....	150 00
Owen Sound.....	4	200	339,583	.....	138,900	.....	200 00
Perth.....	1	50	10,300	.....	2,930	.....	50 00
Peterborough.....	5	250	1,199,955	.....	403,722	.....	250 00
Port Arthur.....	1	50	43,583	.....	16,544	.....	50 00
Prescott.....	3	150	2,346,224	.....	768,110	.....	150 00
St. Catharines.....	4	175	900,065	.....	321,617	.....	175 00
Stratford.....	9	425	826,332	.....	339,746	.....	425 00
Toronto.....	17	850	11,143,467	5,224	4,120,102	.....	1,365 68
Windsor.....	2	100	423,032	.....	173,472	.....	100 00
Totals.....	78	3,850	28,905,761	5,224	10,485,900	426	4,365 68
Iberville.....	1	50	900	.....	286	.....	50 00
Joliette.....	1	50	38,640	.....	12,505	.....	50 00
Montreal.....	9	450	9,883,051	.....	3,291,558	.....	450 00
Quebec.....	1	50	861,000	.....	311,600	.....	50 00
St. Hyacinthe.....	1	50	22,300	.....	7,400	.....	50 00
Sherbrooke.....	3	150	654,013	.....	196,210	.....	150 00
Terrebonne.....	1	50	33,561	.....	11,847	.....	50 00
Three Rivers.....	1	50	10,700	.....	5,891	.....	50 00
Totals.....	18	900	11,504,165	.....	3,837,297	.....	900 00
St. John, N.B.....	2	100	850,201	.....	253,550	.....	100 00
Halifax, N.S.....	4	200	1,493,457	.....	514,875	127,812	200 00
Charlottetown, P.E.I.....	1	50	97,200	.....	32,400	.....	50 00
Winnipeg, Man.....	10	475	1,370,483	2,085	434,167	.....	656 40
Victoria, B C.....	15	725	1,224,955	.....	383,813	12,880	725 00
Totals.....	128	6,300	45,446,222	7,309	15,944,002	141,118	6,997 08

Exported, 426 gallons.

Used by H. M. Army and Navy, 140,692.

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—*Continued*—MALT LIQUOR.

No. 11.—COMPARATIVE STATEMENT of Malt Liquor manufactured for the Years ended 30th June, 1887 and 1888.

PROVINCES.	No. of Brewers.	License Fees.	Total Quantity of Malt used for Brewing.	Corn, Sugar, Rice, &c.	Malt Liquor Manufactured.	Malt Liquor Exported and used by H.M. Army and Navy.	Duty Collected including License Fees.
		\$	Lbs.		Gallons.	Gallons.	\$ cts.
1887.							
Ontario.....	77	3,775	26,727,611½	8,702	9,672,443	104	4,233 16
Quebec.....	18	900	11,099,539	.....	3,745,245	260	900 00
New Brunswick.....	2	100	821,311	.....	249,392	.....	100 00
Nova Scotia.....	4	200	1,128,976	.....	378,120	122,776	200 00
Prince Edward Island...	1	50	114,900	.....	38,300	.....	50 00
Manitoba.....	10	475	1,206,634	2,470	389,047	.....	686 00
British Columbia.....	17	850	1,019,812	750	313,738	11,160	876 00
Totals.....	129	6,350	42,118,783½	11,922	14,786,285	*134,300	7,045 16
1888.							
Ontario.....	78	3,850	28,905,761	5,224	10,485,900	426	4,365 68
Quebec.....	18	900	11,504,165	.....	3,837,297	.....	900 00
New Brunswick.....	2	100	850,201	.....	255,550	.....	100 00
Nova Scotia.....	4	200	1,493,457	.....	514,875	127,812	200 00
Prince Edward Island...	1	50	97,200	.....	32,400	.....	50 00
Manitoba.....	0	475	1,370,483	2,085	434,167	.....	656 40
British Columbia.....	15	725	1,224,955	.....	383,813	12,880	725 00
Totals.....	128	6,300	45,446,222	7,309	15,944,002	†141,118	6,997 08

* Exported, 22,604 gallons; used by H. M. Army and Navy, 111,696 gallons.

† do 426 do ; do do 140,692 do

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued—TOBACCO.

No. 12.—RETURN of Manufactures

INLAND REVENUE DIVISIONS.	LICENSES.		Total weight of Leaf and other material actually used in production of Tobacco made and excised.	TOBACCO MANUFACTURED.		
	No.	Amount.		At 20c. per lb.	Paid Duty.	Ware-housed.
		\$ cts.	Lbs.	Lbs.	Lbs.	Lbs.
Hamilton.....	1	75 00	1,330,733	1,345,710½	142,784½	1,202,925½
Toronto.....	1	75 00	375,236	403,898½	121,034½	282,864
Windsor.....	1	75 00	45,910	43,559½	43,499½	60
	3	225 00	1,751,879	1,793,168	307,318½	1,485,849½
Joliette.....	2	100 00	360,285			
Montreal.....	13	900 00	7,144,601	6,750,012½	153,250	6,596,762½
Quebec.....	5	325 00	529,681	418,967½	322,846½	96,121
	20	1,325 00	8,034,567	7,168,980	476,096½	6,692,883½
Halifax.....	2	150 00	317,392	324,307	11,198	313,109
Pictou.....	1	75 00	40,304	46,590	10,448	36,142
	3	225 00	357,696	370,897	21,646	349,251
Charlottetown.....	2	150 00	180,932	182,322	101,855	80,467
Total.....	28	1,925 00	10,325,074	9,515,367	906,916	8,608,451

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888

for the Year ended 30th June, 1888.

CIGARETTES AND CUT TOBACCO IN SMALL PACKAGES MANUFACTURED.			CANADIAN TOBACCO MANUFACTURED.			SNUFF MANUFACTURED.				DUTY COLLECTED, INCLUDING LICENSE FEES.
At 35c., 60c. and \$1.00 per lb.	Paid Duty.	Warehoused.	At 5c. per lb.	Paid Duty.	Warehoused.	At 20c. per lb.	Paid Duty.	At 14c. per lb.	Paid Duty.	
Lbs.	Lbs.	Lbs.	Lbs.	L	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	\$ cts.
										28,631 94
5,453½	5,378½	75								24,281 90
5,453½	5,378½	75								10,763 20
44,121	39,446	4,675	362,168½	155,209	206,950½					7,860 53
			324,791½	182,949½	141,842	4,425	4,425	97,860	97,860	71,975 98
			17,421	17,421				159,315	159,315	88,069 45
44,121	39,446	4,675	704,380½	355,579½	348,801½	4,425	4,425	257,175	257,175	167,905 96
										2,389 60
										2,164 60
										4,554 20
										20,521 00
49,574½	44,824½	4,750	704,280½	355,579½	348,801½	4,425	4,425	257,175	257,175	256,658 20

E. MIALL,
Commissioner.

APPENDIX A—Continued—TOBACCO.

No. 13.—COMPARATIVE STATEMENT of Manufactures.

PROVINCES.	LICENSES.		Total weight of Leaf and other materials actually used in production of Tobacco made and excised	TOBACCO MANUFACTURED.		
	No.	Amount.		A 20c. per lb.	Paid Duty.	Warehoused.
		\$ cts.	Lbs.	Lbs.	Lbs.	Lbs.
1887.						
Ontario.....	4	262 50	1,452,230	1,490,985½	220,699½	1,270,286
Quebec.....	19	1,112 50	6,898,811	6,284,325	454,461½	5,829,863½
Nova Scotia.....	3	225 00	315,551	324,167	26,577½	297,589½
Prince Edward Island.....	2	150 00	164,054	167,028	88,201	78,827
Total.....	28	1,750 00	8,830,646	8,266,505½	789,939½	7,476,566
1888.						
Ontario.....	3	225 00	1,751,879	1,793,168	307,318½	1,485,849½
Quebec.....	20	1,325 00	8,034,567	7,168,980	476,096½	6,692,883½
Nova Scotia.....	3	225 00	357,696	370,897	21,646	349,251
Prince Edward Island.....	2	150 00	180,932	182,322	101,855	80,467
Total.....	28	1,925 00	10,325,074	9,515,367	906,916	8,608,451

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

for the Years ended 30th June, 1887 and 1888.

CIGARETTES AND CUT TOBACCO IN SMALL PACKAGES MANUFACTURED.			CANADIAN TOBACCO MANUFACTURED.			SNUFF MANUFACTURED.				DUTY COLLECTED INCLUDING LICENSE FEES.
At 35c., 60c. and \$1.00 per lb.	Paid Duty.	Warehoused.	At 5c. per lb.	Paid Duty.	Warehoused.	At 20c. per lb.	Paid Duty.	At 14c. per lb.	Paid Duty.	
Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	\$ cts.
5,269 ³ / ₄	5,244 ³ / ₄	25	.....	.....	.....	.....	.....	.....	.....	46,238 14
14,255	11,755	2,500	485,530	270,651	214,879	4,630	4,630	247,160	247,160	145,180 04
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,540 50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17,790 20
19,524 ³ / ₄	16,999 ³ / ₄	2,525	485,530	270,651	214,879	4,630	4,630	247,160	247,160	214,748 88
.....
5,453 ¹ / ₄	5,378 ¹ / ₄	75	.....	.....	.....	.....	.....	.....	.....	63,677 04
44,121	39,446	4,675	704,380 ³ / ₄	355,579 ¹ / ₄	348,801 ³ / ₄	4,425	4,425	257,175	257,175	167,905 96
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,554 20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,521 00
49,574 ¹ / ₄	44,824 ¹ / ₄	4,750	704,380 ³ / ₄	355,579 ¹ / ₄	348,801 ³ / ₄	4,425	4,425	257,175	257,175	256,658 20

E. MIALL,
Commissioner.

APPENDIX A—Continued—TOBACCO WAREHOUSE ACCOUNT.

DR.

No. 14.—RETURN for the Year ended 30th June, 1888.

CR.

REMAINING IN WAREHOUSE FROM LAST YEAR.			PLACED IN WAREHOUSE.				PLACED IN WAREHOUSE FROM OTHER DIVISIONS.		TOTAL WEIGHT TO BE ACCOUNTED FOR.			EX-WAREHOUSED FOR EXCISE DUTY.				EX-WAREHOUSED FOR REMOVAL TO OTHER DIVISIONS.		EX-WAREHOUSED FOR EXPORTATION, &C.			WRITTEN OFF BY AUTHORITY.		TAKEN FOR RE-WORKING.			REMAINING IN WAREHOUSE.			TOTAL WEIGHT ACCOUNTED FOR.									
Tobacco.	Cigarettes and Cut Tobacco.	Canadian Tobacco.	Tobacco.	Tobacco Re-Warehoused.	Cigarettes and Cut Tobacco.	Canadian Tobacco.	Tobacco.	Canadian Tobacco.	Tobacco.	Cigarettes and Cut Tobacco.	Canadian Tobacco.	INLAND REVENUE DIVISIONS.				Tobacco at 20c. per lb.	Cigarettes and Cut Tobacco at 5c.; 60c. and \$1 per lb.	Canadian Tobacco, at 5c. per lb.	Duty.	Tobacco.	Canadian Tobacco.	Exported.			Tobacco.	Tobacco.	Canadian Tobacco.	Tobacco.	Cigarettes and Cut Tobacco.	Canadian Tobacco.	Tobacco.	Cigarettes and Cut Tobacco.	Canadian Tobacco.					
												Lbs.	Lbs.	Lbs.	Lbs.							Lbs.	Lbs.	Lbs.										Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
6,156½	86,745½						69,245		75,402½			Belleville	64,599					12,919 80																75,401½				
							97,044		183,789½			Brantford	112,876					22,575 20	11,148½															183,789½				
							4,180		4,180			Cornwall	4,180					836 00																4,180				
3,293½							46,936½		50,230			Guelph	44,859					8,971 80																50,230				
343,360			1,202,925½				612,685		2,158,970½			Hamilton	958,561					191,712 20	683,151															2,158,970½				
24,765½							270,210		294,975½			Kingston	273,541					54,708 20																294,975½				
43,876½							486,731½		530,668			London	456,992					91,398 40																530,668				
15,877½							179,285		195,162½			Ottawa	180,670½					36,134 10																195,162½				
							2,093		2,093		220	Owen Sound	1,749					360 80			344												2,093		220			
26½							23,879		24,143½			Perth	22,844½					4,668 90																24,143½				
1,659½							4,795		6,454½			Peterborough	5,682					1,136 40																6,454½				
4,007½							4,638		8,645½			Port Arthur	4,499					899 80			682½													8,645½				
320							36,213½		36,533½			Prescott	34,118½					6,823 70																36,533½				
1,148½							10,918½		10,918½			St. Catharines	10,918½					2,183 70																10,918½				
74,638½			282,864				13,483		14,631½			Stratford	12,714½					2,542 90																14,631½				
9,368			60		75		1,063,523		1,421,025½			Toronto	1,123,247½					224,649 50	101,220½							15,908½							1,421,025½					
							44,825½		54,253½		75	Windsor	46,522½					9,304 50																54,253½		75		
615,481½			1,485,849½		75		2,970,685½		5,072,016½		220	Ontario	3,358,574½			220		671,725 90	746,546½							7,159	75						15,908½	943,828		5,072,016½	75	220
802,873½	587½	13,166½	6,596,762		4,675	206,959½	60,234½		7,459,875½	5,262½	220,126	Joliette			141,499		7,075 11		9,743														68,884		220,126			
38,466		25,468	96,121				91,390	25,144	225,977		25,906	Montreal	1,926,027½	5,137½	197,253		392,488 17	4,119,976½	17,900													42,070		7,459,875½	5,262½	167,310		
3,590½		762					42,799		46,380½			Quebec	136,845½		25,906		28,964 40	6,874½																225,977		25,906		
711							3,973		4,684			Sherbrooke	43,525½				8,705 10																	46,380½				
												Three Rivers	3,965				793 00																	4,684				
845,646	587½	39,396½	6,692,883½		4,675	348,801½	198,396½	25,144	7,736,926	5,262½	413,342	Quebec	2,110,363½	5,137½	274,658		437,725 78	4,126,851	27,643															7,736,926	5,262½	413,342		
1,847							10,856		12,703			Chatham	11,786				2,357 20																		12,703			
32,889							623,452	967	656,341		967	St. John	568,799				113,759 80																	656,341		967		
34,736							634,308	967	669,044		967	New Brunswick	580,585				116,117 00																		669,044		967	
1,180							12,312		13,492			Cape Breton	11,636				2,327 20	714																	13,492			
163,242½			313,109	117			570,653½		1,047,122			Halifax	706,894				141,378 80	5,889																	1,047,122			
14,805			36,142				7,500		58,447			Pictou	43,679				8,735 80	3,818																58,447				
179,227½			349,251	117			590,465½		1,119,061			Nova Scotia	762,209				152,441 80	10,421																	1,119,061			
10,890			80,467						91,357			Charlottetown, P.E.I.	74,584				14,916 80	1,644																91,357				
44,261							389,578½		433,839½			Winnipeg, Man.	346,147				69,229 40																		433,839½			
1,642							102,028½	1,312	103,670½		1,312	Victoria, B.C.	88,219½		1,312		17,709 50																		103,670½		1,312	
19,719½									19,719½			Sundry Collectors																							19,719½			
1,751,603½	588½	39,396½	8,608,451	117	4,750	348,801½	4,885,462½	27,643	15,245,634	5,337½	415,841	Totals	7,320,682½	5,137½	276,190		1,479,866 18	4,885,462½	27,643															15,245,634	5,337½	415,841		

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

E. MIALI,
Commissioner.

APPENDIX A—Continued—TOBACCO WAREHOUSE ACCOUNT.

DR.

No. 15.—COMPARATIVE STATEMENT for the Years ended 30th June, 1887 and 1888.

CR.

REMAINING IN WAREHOUSE FROM LAST YEAR.			PLACED IN WAREHOUSE.				PLACED IN WAREHOUSE FROM OTHER DIVISIONS.		TOTAL WEIGHT TO BE ACCOUNTED FOR.			PROVINCES.	EX-WAREHOUSED FOR EXCISE DUTY.			EX-WAREHOUSED FOR REMOVAL TO OTHER DIVISIONS.		EX-WAREHOUSED FOR EXPORTATION, &C.				WRITTEN OFF BY AUTHORITY.		TAKEN FOR RE-WORKING.		REMAINING IN WAREHOUSE.			TOTAL WEIGHT ACCOUNTED FOR.		
Tobacco.	Cigarettes and Cut Tobacco.	Canadian Tobacco.	Tobacco.	Tobacco Re-Warehoused.	Cigarettes and Cut Tobacco.	Canadian Tobacco.	Tobacco.	Canadian Tobacco.	Tobacco.	Cigarettes and Cut Tobacco.	Canadian Tobacco.		Tobacco, at 20c. per lb.	Cigarettes and Cut Tobacco at 35c., 60c. and \$1 per lb.	Canadian Tobacco, at 5c. per lb.	Duty.	Tobacco.	Canadian Tobacco.	Exported.				Tobacco.	Canadian Tobacco.	Tobacco.	Canadian Tobacco.	Tobacco.	Cigarettes and Cut Tobacco.	Canadian Tobacco.	Tobacco.	Cigarettes and Cut Tobacco.	Canadian Tobacco.
Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	\$ cts.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
385,294			1,270,286	2,029	25		2,757,654		4,415,263	25		Ontario	3,209,077		641,815 40	577,526		7,234	25			5,945				615,481			4,415,263	25	
957,956	100	40,631	5,829,863		2,500	214,879	192,537	4,389	6,980,357	2,600	259,900	Quebec	2,420,100	2,325	495,057 42	3,641,747	6,008	64,389	125	210		665	8,037	9,148	846,083	150	39,396	6,980,357	2,600	259,900	
42,694							532,238		574,933			New Brunswick	540,197		108,039 40											34,736			574,933		
122,289			297,589	731			394,312		814,921			Nova Scotia	597,727		119,492 78	13,480		23,066		520						179,227			814,921		
12,788			78,827				800		92,415			Prince Edward Island	79,838		15,967 70							1,467				10,890			92,415		
24,839							315,850		340,689			Manitoba	296,253		59,250 70	175										44,261			340,689		
6,097							39,535	1,619	45,632		1,619	British Columbia	43,990		8,879 05											1,642			45,632		1,619
19,719							19,719		19,719			Sundry Collectors													19,719			19,719			
1,571,677	100	40,631	7,476,566	2,760	2,525	214,879	4,232,928	6,008	13,283,932	2,625	261,519	Totals	7,187,184	2,325	1,448,502 45	4,232,928	6,008	95,809	150	210	520	5,945	665	9,504	9,148	1,752,041	150	39,396	13,283,932	2,625	261,519
1888.																															
615,481			1,485,849		75		2,970,685	290	5,072,016	75	220	Ontario	3,358,574		671,725 00	746,546		7,150	75			15,908				943,828			5,072,016	75	220
845,646	587	39,396	6,692,883		4,675	348,801	198,396	25,144	7,736,926	5,262	413,342	Quebec	2,110,363	5,137	437,725 78	4,126,851	27,643	61,056								1,419,882	125	110,954	7,736,926	5,262	413,342
34,736							634,308	967	669,044		967	New Brunswick	580,585		116,117 00											88,459			669,044		967
179,227			349,251	117			590,463		1,119,061			Nova Scotia	762,209		152,441 80	10,421		15,892		456		2,896				327,186			1,119,061		
10,890			80,467				91,357		91,357			Prince Edward Island	74,584		14,916 80	1,644		2,944								10,394			91,357		
44,261							389,578		433,839			Manitoba	346,147		69,229 40			167								87,525			433,839		
1,642							103,670	1,312	103,670		1,312	British Columbia	88,219		17,709 50											15,363			103,670		1,312
19,719							19,719		19,719			Sundry Collectors													19,719			19,719			
1,751,603	587	39,396	8,608,451	117	4,750	348,801	4,885,462	27,643	15,245,634	5,337	415,841	Totals	7,320,682	5,137	1,479,866 18	4,885,462	27,643	87,218	75	543	2,896	36,472	86		2,912,358	125	111,921	15,245,634	5,337	415,841	

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

E. MAILL,
Commissioner.

APPENDIX A—Continued—RAW LEAF TOBACCO, INCLUDING STEMS, SCRAPS AND CUTTINGS.

No. 16.—RETURN for the Year ended 30th June, 1888, and Comparative Statement for the Years 1887 and 1888.

Remaining in Warehouse last Year.		Placed in Warehouse.		Placed in Warehouse from other Divisions.		Total Weights counted for.		INLAND REVENUE DIVISIONS.		Ex-Warehoused for Duty, being Deficiencies on Samples, &c.		Ex-Warehouse Removal for other Divisions.		Ex-Warehouse Exportation.		Written off by Authority.		Ex-Warehouse Manufactory.		Remaining in Warehouse.		Total Weights accounted for.	
Lbs.		Lbs.		Lbs.		Lbs.				Quantity.	Duty.	Lbs.		Lbs.		Lbs.		Lbs.		Lbs.		Lbs.	
										Lbs.	\$ cts.												
2,826	8,060	5,234	8,060	5,234	8,060	5,234	8,060	Belleville	.....	.....	.....	2,826	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,060
42,936	45,300	2,364	45,300	2,364	45,300	45,300	45,300	Brantford	.....	.....	.....	9,916	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45,300
1,240	3,025	1,785	3,025	1,785	3,025	3,025	3,025	Conwall	.....	.....	.....	1,998	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,025
5,003	1,709,580	5,268	10,261	5,268	10,261	10,261	10,261	Guelph	.....	.....	.....	2,229	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,261
392,021	1,709,580	5,240	1,709,580	5,240	1,709,580	1,709,580	1,709,580	Hamilton	.....	.....	.....	5,805	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,709,580
478	4,041	1,462	4,041	1,462	4,041	4,041	4,041	Kingston	.....	.....	.....	808	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,041
40,069	47,481	7,412	47,481	7,412	47,481	47,481	47,481	London	.....	.....	.....	8,053	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47,481
368	5,928	2,711	5,928	2,711	5,928	5,928	5,928	Peterborough	.....	.....	.....	708	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,928
1,537	1,537	1,537	1,537	1,537	1,537	1,537	1,537	Prescott	.....	.....	.....	795	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,537
6,997	9,799	2,802	9,799	2,802	9,799	9,799	9,799	St. Catharines	.....	.....	.....	2,186	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,799
2,221	2,221	2,221	2,221	2,221	2,221	2,221	2,221	Stratford	.....	.....	.....	1,880	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,221
49,987	68,614	17,439	68,614	17,439	68,614	68,614	68,614	Toronto	.....	.....	.....	9,902	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68,614
14,080	14,780	709	14,780	709	14,780	14,780	14,780	Windsor	.....	.....	.....	709	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14,780
563,090	1,930,636	53,208	1,930,636	53,208	1,930,636	1,930,636	1,930,636		.....	.....	.....	47,120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,930,636
10,897	15,252	4,355	15,252	4,355	15,252	15,252	15,252	Iberville	.....	.....	.....	4,030	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,252
256,012	329,497	444	329,497	444	329,497	329,497	329,497	Joliette	.....	.....	.....	444	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	329,497
61,659	61,659	61,659	61,659	61,659	61,659	61,659	61,659	Montreal	.....	.....	.....	111,659	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	61,659
9,086	15,949	6,863	15,949	6,863	15,949	15,949	15,949	Quebec	.....	.....	.....	589	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,949
1,968	4,875	2,907	4,875	2,907	4,875	4,875	4,875	Sherbrooke	.....	.....	.....	308	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,875
209	7,352	7,143	7,352	7,143	7,352	7,352	7,352	St Hyacinthe	.....	.....	.....	308	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,352
276,204	435,028	106,161	435,028	106,161	435,028	435,028	435,028	Three Rivers	.....	.....	.....	117,486	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	435,028
83	83	83	83	83	83	83	83	St. John, N.B.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	83
2,370	2,370	2,370	2,370	2,370	2,370	2,370	2,370	Halifax, N.S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,370
2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	Charlottetown, P. E. I.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,048
5,159	5,159	5,159	5,159	5,159	5,159	5,159	5,159	Winnipeg, Man.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,159
843,712	2,375,324	164,606	2,375,324	164,606	2,375,324	2,375,324	2,375,324	Totals	.....	.....	.....	164,606	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,375,324

APPENDIX A—Continued—RAW LEAF TOBACCO, &c.—Concluded.
 No. 16.—COMPARATIVE STATEMENT for the Years ending 30th June, 1887 and 1888.

Remaining in Warehouse from last Year.	Placed in Warehouse.	Placed in Warehouse from other Divisions.	Total Weights to be Accounted for.	PROVINCES.		Ex-Warehoused for Duty, being Deficiencies on Samples, &c.	Ex-Warehoused for Removal to other Divisions.	Ex-Warehoused for Exportation.	Written off by Authority.	Ex-Warehoused for Manufactory.	Remaining in Warehouse.	Total Weights Accounted for.
				1887.	1888.							
Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	\$	cts.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
1,355,112	1,580,199	40,905	2,976,216	Ontario	17	4 40	42,098	583,724	3,288	1,032,746	1,314,343	2,976,216
76,182 ³	237,780 ¹	76,155	390,118	Quebec	3	0 90	74,962	173,125	195	89,170	52,663	390,118
41,428	41,428	.....	41,428	Prince Edward Island .....	.....	.....	.....	.....	.....	41,428	.....	41,428
167	9,917	.....	10,084	British Columbia .....	.....	.....	.....	9,917	.....	167	.....	10,084
1,472,882 ⁴	1,827,896 ¹	117,000	3,417,846	.....	20	5 30	117,060	766,766	3,483	1,163,511	1,367,006	3,417,846
1,314,343	563,090	53,203	1,930,636	Ontario .....	.....	.....	47,120	455,201	255	894,911	533,149	1,930,636
52,663	276,204	106,161	435,028	Quebec .....	.....	.....	117,486	171,713	243	112,343	33,243	435,028
.....	.....	83	83	New Brunswick .....	.....	.....	.....	.....	.....	83	.....	83
.....	.....	.....	.....	Nova Scotia .....	.....	.....	.....	2,370	.....	.....	.....	2,370
.....	2,370	.....	2,370	Prince Edward Island .....	.....	.....	.....	1,120	.....	928	.....	2,048
.....	2,048	.....	2,048	Manitoba .....	.....	.....	.....	.....	.....	4,905	254	5,159
.....	.....	5,159	5,159	.....	.....	.....	.....	.....	.....	.....	.....	.....
1,367,006	843,712	164,606	2,375,324	.....	.....	.....	164,606	630,404	498	1,013,170	566,646	2,375,324

E. MIALL,
 Commissioner.

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

APPENDIX A—*Continued*—CANADA TWIST TOBACCO.

No. 17.—STATEMENT of Revenue collected from Canada Twist Tobacco, for the Year ended 30th June, 1888.

INLAND REVENUE DIVISIONS.	LICENSES.		Canada Twist at 5 cts. per lb.	Duty Collected, including Fees.
	No.	Fees.		
		\$	Lbs.	\$ cts.
Cornwall	1	2	250	14 50
Ottawa			250	12 50
Beauharnois.....			300	15 00
Iberville.....	1	2	280	16 00
Joliette.....	39	78	55,035	2,829 75
Montreal.....	34	68	17,701	953 05
Québec.....	1	2	1,022	53 10
Terrebonne.....	5	10	2,266	123 30
Total.....	81	162	77,104	4,017 20

COMPARATIVE STATEMENT for Years ended 30th June, 1887 and 1888.

YEARS.	PROVINCES.	LICENSES.		Canada Twist at 5 cts. per lb.	Duty Collected, including Fees.
		No.	Fees.		
			\$	Lbs.	\$ cts.
1887.....	Ontario.....			45	2 25
	Quebec.....	83	166	91,548	4,743 40
	Total	83	166	91,593	4,745 65
1888.....	Ontario.....	1	2	500	27 00
	Quebec.....	80	160	76,604	3,990 20
	Total	81	162	77,104	4,017 20

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued—CIGARS.

No. 18.—RETURN of Manufactures for the Year ended 30th June, 1898.

INLAND REVENUE DIVISIONS.	LICENSES.		Deficiencies in production and stock of Cigs &rs upon which Duty was collected.		CIGARS AT \$6 PER THOUSAND.				CIGARS AT \$7 PER THOUSAND.			DUTY COLLECTED, INCLUDING LICENSE FEES.	
	No.	Amount.	Lbs.	Lbs.	Produced.	Paid Duty.	Warehoused.	Produced.	Paid Duty	Warehoused	No.		No.
Belleville.....	2	150 00	10,243	.....	609,900	221,750	388,150	.....	.....	.....	.....	.....	1,480 50
Brantford.....	12	900 00	76,520	30,800	4,141,925	2,922,125	1,219,800	.....	.....	.....	.....	.....	18,617 55
Cornwall.....	1	75 00	2,969	.....	159,225	66,375	92,850	.....	.....	.....	.....	.....	473 25
Guelph.....	9	675 00	45,269	.....	2,585,925	843,475	1,752,450	.....	.....	.....	.....	.....	5,735 85
Hamilton.....	19	1,275 00	104,625	2,902	5,538,625	3,528,625	2,030,000	.....	.....	.....	.....	.....	22,631 98
Kingston.....	2	150 00	21,504	775	1,279,600	736,125	543,475	.....	.....	.....	.....	.....	4,566 75
London.....	13	975 50	179,246	.....	9,987,050	6,557,880	3,429,200	.....	.....	.....	.....	.....	40,289 43
Peterborough.....	4	300 00	9,562	.....	484,725	422,975	62,650	.....	.....	.....	.....	.....	2,832 45
Prescott.....	2	150 00	9,842	.....	538,550	215,500	322,700	.....	.....	.....	.....	.....	1,445 10
St. Catharines.....	3	225 00	15,107	.....	76,300	579,600	136,700	.....	.....	.....	.....	.....	3,702 60
Stratford.....	3	225 00	18,388	2,566	926,875	474,375	45,500	.....	.....	.....	.....	.....	3,086 65
Toronto.....	12	862 50	101,382	.....	5,798,150	2,279,575	3,518,575	.....	.....	.....	.....	.....	14,539 95
Windsor.....	2	150 00	12,187	.....	659,500	294,050	405,450	.....	.....	.....	.....	.....	1,682 41
	84	6,075 00	606,844	37,043	33,467,680	19,113,180	14,334,500	.....	.....	.....	.....	.....	120,984 45
Iberville.....	1	75 00	67,656	.....	3,505,810	2,211,535	1,294,275	.....	.....	.....	.....	.....	13,524 21
Montreal.....	23	1,687 50	884,918	6,273	48,454,105	35,566,800	12,887,305	.....	.....	.....	.....	.....	215,259 72
Sherbrooke.....	1	75 00	32,196	.....	1,784,925	1,083,185	701,740	.....	.....	.....	.....	.....	6,574 11
Sorel.....	1	75 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75 00
St Hyacinthe.....	1	75 00	3,836	1,544	150,250	745,350	45,000	.....	.....	.....	.....	.....	956 36
Thres Rivers.....	2	150 00	36,548	.....	2,151,850	1,443,975	707,850	.....	.....	.....	.....	.....	8,813 85
	29	2,137 50	1,025,164	7,817	56,087,015	40,460,845	15,606,170	.....	.....	.....	.....	.....	245,203 25

St. John, N.B.	2	150 00	24,916	.....	1,281,300	745,850	535,450	.....	4,625 10
Winnipeg, Man.	2	150 00	7,795	.....	418,575	210,375	208,200	.....	1,412 25
Victoria, B.C.	11	825 00	37,128	2,825	1,816,200	1,662,050	154,150	.....	10,814 25
Total	128	9,337 50	1,701,837	47,685	93,070,770	62,212,300	30,856,470	28,068	7,800 383,039 30

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, August 10th 1888.

APPENDIX A—Continued—CIGARS.

No. 19.—COMPARATIVE STATEMENT of Manufactures.

PROVINCES.	LICENSES.		Total Weight of Leaf and other material actually used in production.	Deficiencies in production and stock of Cigars upon which Duty was collected.
	No.	Amount.		
1887.				
		\$ cts.	Lbs.	Lbs.
Ontario	80	5,675 00	660,766	70,199
Quebec.....	31	2,237 50	869,376	25,649
New Brunswick.....	2	150 00	26,215	.....
Manitoba.....	2	112 50	1,653	1,255
British Columbia.....	10	750 00	42,770	125,075
Total.....	125	8,925 00	1,600,780	222,223
1888.				
Ontario	84	6,075 00	606,844	37,043
Quebec.....	29	2,137 50	1,025,154	7,817
New Brunswick.....	2	150 00	24,916	.....
Manitoba.....	2	150 00	7,795	.....
British Columbia.....	11	825 00	37,128	2,825
Total.....	128	9,337 50	1,701,837	47,685

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

for the Years ended 30th June, 1887 and 1888.

CIGARS AT \$6 PER THOUSAND.			CANADIAN CIGARS AT \$7 PER THOUSAND.			CANADIAN CIGARS AT \$3 PER THOUSAND.			DUTY COLLECTED, INCLUDING LICENSE FEES.
Produced.	Paid Duty.	Ware-housed.	Pro-duced.	Paid Duty.	Ware-housed.	Pro-duced.	Paid Duty.	Ware-housed.	
No.	No.	No.	No.	No,	No.	No.	No.	No.	S cts.
35,419,515	21,286,140	14,133,375	.....	.....	.....	77,200	40,450	36,750	133,934 40
46,617,665	33,714,865	12,902,800	.....	.....	.....	81,200	81,200	.....	204,924 45
1,223,925	374,275	849,650	.....	.....	.....	.....	.....	.....	2,395 65
90,200	90,200	.....	.....	.....	.....	.....	.....	.....	661 23
2,077,800	1,733,150	344,650	.....	.....	.....	.....	.....	.....	11,899 35
35,429,105	57,198,630	28,230,475	.....	.....	.....	158,400	121,650	36,750	353,815 08
33,467,680	19,113,180	14,354,500	8,958	1,158	7,800	.....	.....	.....	120,984 45
56,087,015	40,480,845	15,606,170	19,110	19,110	.....	.....	.....	.....	245,203 25
1,281,300	745,850	535,450	.....	.....	.....	.....	.....	.....	4,625 10
418,575	210,375	208,200	.....	.....	.....	.....	.....	.....	1,412 25
1,816,200	1,662,050	154,150	.....	.....	.....	.....	.....	.....	10,814 25
93,070,770	62,212,300	30,858,470	28,068	20,268	7,800	.....	.....	.....	383,039 30

E. MIALL,
Commissioner.

APPENDIX A—Continued—CIGAR WAREHOUSE ACCOUNT.

DR.

No. 20.—RETURN for the Year

Remaining in Warehouse from last year.	Placed in Warehouse.	Re-warehoused.	Placed in Warehouse from other Divisions.	Total Number to be Accounted for	INLAND REVENUE DIVISIONS.
No.	No.	No.	No.	No.	
88,050	388,150			476,200	...Belleville.....
513,125	1,219,800		105,500	1,838,425	...Brantford.....
8,050	92,850			100,900	...Cornwall.....
392,700	1,752,450			2,145,150	...Guelph.....
692,625	2,030,000			2,722,625	...Hamilton.....
86,925	543,475			630,400	...Kingston.....
793,150	3,429,200		20,000	4,242,350	...London.....
			375,500	375,500	...Owen Sound.....
	62,650			62,650	...Peterborough.....
104,750	322,700		12,000	439,450	...Prescott.....
35,400	136,700			172,100	...St. Catharines.....
285,700	452,500			738,200	...Stratford.....
1,125,525	3,518,575		230,450	4,874,550	...Toronto.....
149,350	413,250		201,500	764,100	...Windsor.....
4,275,350	14,362,300		944,950	19,582,600	.....Ontario.....
452,400	1,264,275			1,716,675	...Iberville.....
2,561,255	12,887,303	10,175	73,000	15,531,735	...Montreal.....
201,475	701,740			903,215	...Sherbrooke.....
11,600				11,600	...Sorel.....
35,000	45,000			80,000	...St. Hyacinthe.....
550,075	707,850			1,257,925	...Three Rivers.....
3,811,805	15,606,170	10,175	73,000	19,501,150	.....Quebec.....
229,100	535,450			764,550	.....St. John, N.B.....
	208,200			208,200	.....Winnipeg, Man.....
189,550	154,150			343,700	.....Victoria, B.C.....
8,505,805	30,866,270	10,175	1,017,950	40,400,200	.....Totals.....

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September. 1888.

ended 30th June, 1888.

CR.

EX-WAREHOUSED FOR EXCISE DUTY.			Ex-Warehoused for Removal to other Divisions.	Ex-Warehoused for Exportation.	Remaining in Warehouse.	Total Number Accounted for
At \$6 per M.	At \$7 p. M.	Duty.				
No.	No.	\$ cts.	No.	No.	No.	No.
420,850		2,525 10			55,350	476,200
1,528,075		9,168 45			310,350	1,838,425
100,900		605 40				100,900
1,605,600		9,633 60	10,000		529,550	2,145,150
1,951,200		11,707 20			771,425	2,722,625
462,925		2,777 55			167,475	630,400
3,027,690		18,165 60			1,214,750	4,242,350
309,000		1,854 00			66,500	375,500
62,650		375 90				62,650
322,750		1,936 50	20,000		96,700	439,450
59,400		356 40			112,700	172,100
615,800		3,694 80			122,400	738,200
3,758,475		22,550 85	10,000	3,000	1,103,075	4,874,550
605,750	7,800	3,689 10		10,000	140,550	764,100
14,830,975	7,800	89,040 45	40,000	13,000	4,690,825	19,582,600
715,875		4,295 25	12,000		988,800	1,716,675
10,815,980		64,895 88	852,700	56,675	3,806,380	15,531,735
668,800		4,012 80	13,000		221,415	903,215
11,600		69 60				11,600
45,000		270 00	30,000		5,000	80,000
657,475		3,944 85	70,250		530,200	2,157,925
12,914,730		77,488 38	977,950	56,675	5,551,795	19,501,150
329,900		1,979 40			434,650	764,550
167,600		1,005 60			40,600	208,200
252,300		1,513 80			91,400	343,700
28,495,505	7,800	171,027 63	1,017,950	69,675	10,809,270	40,400,200

E. MIALL,
Commissioner.

APPENDIX A—Continued—CIGAR WAREHOUSE ACCOUNT.

DR.

No. 21.—COMPARATIVE STATEMENT for the

Remaining in Warehouse from last year.	Placed in Warehouse.	Re-Warehoused.	Placed in Warehouse from other Divisions.	Total Number to be Accounted for.	PROVINCES.
No.	No.	No.	No.	No.	1887.
3,668,025	14,170,125	.....	929,250	18,767,400	...Ontario.....
4,611,600	12,902,800	7,950	177,600	17,699,950	...Quebec.....
243,050	849,650	.....	.....	1,092,700	...New Brunswick.....
223,950	344,650	.....	.....	568,600	...British Columbia.....
8,746,625	28,267,225	7,950	1,106,850	38,128,650	.....Totals.....
					1888.
4,275,350	14,362,300	.....	944,950	19,882,600	...Ontario.....
3,811,805	15,606,170	10,175	73,000	19,501,150	...Quebec.....
229,100	535,450	.....	.....	764,550	...New Brunswick.....
.....	208,200	.....	.....	208,200	...Manitoba.....
189,550	154,150	.....	.....	343,700	...British Columbia.....
8,505,805	30,866,270	10,175	1,017,950	40,400,200	.....Totals.....

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

Years ended 30th June, 1887 and 1888.

DR.

EX-WAREHOUSED FOR EXCISE DUTY.				Ex-Ware- housed for Removal to other Divisions.	Ex-Ware- housed for Exporta- tion.	Written off by Authority	Remaining in Warehouse	Total Number Accounted for.
At \$6 p. M.	At \$7 p. M.	At \$3 p. M.	Duty.					
No.	No.	No.	\$ cts.	No.	No.	No.	No.	No.
14,439,000	36,750	86,744 25	.....	11,050	5,250	4,275,350	18,767,400
12,710,920	76,265 52	1,106,850	30,375	40,000	3,811,805	17,699,950
863,600	5,181 60	.....	.....	.....	229,100	1,092,700
379,050	2,274 30	.....	.....	.....	189,550	568,600
28,392,570	36,750	170,465 67	1,106,850	41,425	45,250	8,505,805	38,128,650
14,830,975	7,800	.....	89,040 45	40,000	13,000	.....	4,690,825	19,582,600
12,914,730	77,488 38	977,950	56,675	.....	5,551,795	19,501,150
329,900	1,979 40	.....	.....	.....	434,650	764,550
167,600	1,005 60	.....	.....	.....	40,600	208,200
252,300	1,513 80	.....	.....	.....	91,400	343,700
28,495,505	7,800	.....	171,027 63	1,017,950	69,675	.....	10,809,270	40,400,200

Total Excise Duty collected on Tobacco, Cigars and Snuff, including Canada Twist:—
 1887—Ex Manufactory and Ex-Warehouse, including Licenses..... \$2,192,283.03
 1888— do do do \$2,294,608.51

E. MIALL,
 Commissioner.

APPENDIX A—Continued—INSPECTION OF PETROLEUM.

No. 22.—RETURN OF FEES for the Inspection of Petroleum for the Year ended 30th June, 1888.

INLAND REVENUE DIVISIONS.	PACKAGES.						FEES COLLECTED.
	At 30 cts.	At 10 cts.		At 5 cts.		At 2½ cts.	
	Imported.	Canadian.	Imported.	Canadian.	Imported.	Canadian.	
Belleville.....	981						\$ 294 30
Brantford.....	91						27 30
Guelph.....	265		2				79 70
Hamilton.....	1,475	4,270			1		869 55
Kingston.....	2,149						644 70
London.....	194	167,303		614	602	25,783	17,493 90
Ottawa.....	4,534	9,689					2,329 10
Port Arthur.....	3,119				24,942		2,182 80
Prescott.....	972				1		291 65
Stratford.....		2,209				5,860	367 40
Toronto.....	7,051	12,558					3,371 10
Windsor.....	1,712	10			40		516 60
	22,543	196,039	2	614	25,586	31,643	28,468 10
Montreal.....	14,304	27,331	151		400		7,059 40
Quebec.....	1,426				50		430 30
	15,730	27,331	151		450		7,489 70
Winnipeg.....	1,753				1,708		611 30
Total.....	40,026	223,370	153	614	27,744	31,643	36,569 10

APPENDIX A—*Continued*—INSPECTION OF PETROLEUM.

COMPARATIVE STATEMENT for the Years ended 30th June 1887, and 1888

YEARS.	PROVINCES.	PACKAGES.				FEES COLLECTED.
		At 30 cts.	At 10 cts.	At 5 cts.	At 2½ cts.	
1887.....	Ontario.....	18,803	170,387	76	27,762	\$ cts. 23,377 47
	Quebec.....	14,781	23,341	200	.....	6,778 40
	Manitoba.....	5,243	.....	5,210	.....	1,833 40
	Total.....	38,827	193,728	5,486	27,762	31,989 27
1888.....	Ontario.....	22,543	196,041	26,200	31 643	28,468 10
	Quebec.....	15,730	27,482	450	.....	7,489 70
	Manitoba.....	1,753	.....	1,708	.....	611 30
	Total.....	40,026	223,523	28,358	31,643	36,569 10

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT
OTTAWA, 8th September, 1888.

APPENDIX A—Continued—MANUFACTURES IN BOND.

No. 23.—RETURN of Manufactures

REVENUE DIVISIONS.	Number of Licenses.	License Fees.	MATERIALS USED.			PRODUCTS OF MANUFACTURES.			
			Proof Spirits.	Beer, Wine, Vinegar, &c.	Wood Naphtha.	Vinegar at 4 cts. per Gallon.	Methylated Spirits at 15 cts. per Gallon.	Crude Fulminate	Duties accruing.
			Galls.	Galls.	Galls.	Galls,	Galls.	Lbs.	\$ cts.
Brantford.....	1	50	6,898·30	573·00	.....	26,480·00	.....	.....	1,059 20
Hamilton.....	2	100	84,635·85	3,799·00	5,509·59	141,512·57	52,328·31	.....	13,509 77
Kingston.....	1	50	7,762·36	7,258·50	.....	45,340·32	.....	.....	1,813 61
Prescott.....	1	300	32,884·22	*170,697 †17,197	.....	.....	.....	20,647·00	.....
Toronto.....	4	200	95,616·92	14,002·00	4,699·08	273,516·95	46,130·73	.....	17,860 30
Montreal.....	2	100	86,041·28	4,002·00	6,974·63	98,294·31	66,945·65	.....	13,973 61
Quebec.....	1	50	15,406·29	1,655·00	49·39	82,299·90	435·40	.....	3,357 30
St. John, N.B....	1	50	6,540·20	247·00	.....	25,997·92	.....	.....	1,039 89
Total.....	13	900	335,785·42	*170,697 †17,197 31,536·50	17,432·69	693,441·97	165,840·09	20,647·00	52,613 68

* Lbs. of nitric acid. † Lbs. of quicksilver.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

for the Year ended 30th June, 1888.

Duty Collected on Vinegar Ex-Manufactory.		Vinegar entered for Warehouse.	Duty Collected on Methylated Spirits Ex-Manufactory.		Methylated Spirits entered for Warehouse.	Crude Fulminate entered for Warehouse.	Total Duties Collected including License Fees.
Galls.	\$ cts.	Galls.	Galls.	\$ cts.	Galls.	Lbs.	\$ cts.
15,302·00	{ 1220 94	11,178·00					883 02
	{ 612 08						
120,799·80	4,831 99	20,712 77			52,328·31		4,931 99
8,074·54	322 98	37,265·78					372 98
						20,647·00	300 00
268,437·47	10,737 51	5,079·48			46,130·73		10,937 51
98,294·31	3,931 76		66,945·65	10,041 85			14,073 61
55,849·82	2,233 97	26,450·08	435·40	65 31			2,349 28
25,997·92	1,039 89						1,089 89
592,755·86	23,931 12	100,686·11	67,381·05	10,107 16	98,459·04	20,647·00	34,938 28

‡ Assessment.

E. MIALL,
Commissioner.

APPENDIX A—Continued—MANUFACTURES IN BOND.

No. 24.—COMPARATIVE STATEMENT of Manufactures

PROVINCES.	Number of Licenses.	License Fees.	MATERIALS USED.			PRODUCTS OF MANUFACTURES.			
			Proof Spirits.	Beer, Wine, Vinegar, &c.	Wood Naptha.	Vinegar at 4 cts. per Gallon.	Methylated Spirits at 15 cts. per Gallon.	Crude Fulminate	Duties accruing.
1887.		\$	Gallons.	Gallons.	Gallons.	Gallons.	Gallons.	Lbs.	\$ cts.
Ontario.....	10	725	170,241·42	28,131·00 *81,468·00	6,603·30	454,286·84	61,711·38	10,082·00 †2,028·74	27,732 45 00 22
Quebec.....	3	150	126,330·93	1,786·00	9,404·78	198,307 88	87,319·32	.....	21,030 22
New Brunswick	1	50	4,931·13	181·00	.....	18,665·42	.....	.....	746 58
Totals.....	14	925	301,503·48	30,098·00 *81,468·00	16,008·08	671,260·14	149,030·70	10,082·00 †2,028·74	49,509·25 34 00
1888.									
Ontario.....	9	700	227,797·65	25,632·50 *187,894·00	10,408 67	486,849·84	98,459·04	20,647·00	34,242 88
Quebec.....	3	150	101,447·57	5,657·00	7,024·02	180,594·21	67,381·05	.....	17,330 91
New Brunswick	1	50	6,540·20	247·00	.....	25,997·92	.....	.....	1,039 89
Totals.....	13	900	335,785·42	*187,894·00 31,536·50	17,432·69	693,441·97	165,840·09	20,647·00	52,613 68

* Lbs. of nitric acid and quicksilver.

† Gallons of Wizard oil.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

for the Years ended 30th June, 1887 and 1888.

Duty collected on Vinegar Ex-Manufactory.		Vinegar entered for Warehouse.	Duty collected on Methylated Spirits, Ex-Manufactory.		Methylated Spirits entered for Warehouse.	Crude Fulminate entered for Warehouse.	Total duties collected, including License Fees.
Gallons.	\$ cts.	Gallons.	Gallons.	\$ cts.	Gallons.	Lbs.	\$ cts.
393,695·40	15,747 79	60,591·44	.....	.....	61,711·38	‡10,082·00 ‡2,028·74	16,777 09
172,586·70	6,903 44	25,721·18	87,319·32	13,097·89	.....	.....	20,151 33
17,111·61	684 43	1,553·81	.....	.....	.....	.....	734 43
583,393·71	23,335 66	87,866·43	87,319·32	13,097·89	61·711·38	‡10,082·00 ‡2,028·74	37,662 85
412,613·81	*220 94 16,504 56	74,236·03	.....	.....	98,459·04	206·47	17,425 50
154,144·13	6,165 73	26,450·08	67,381·05	10,107·16	.....	.....	16,422 89
25,997·92	1,039 89	.....	.....	.....	.....	.....	1,089 89
592,755·86	23,931 12	100,686·11	67,381·05	10,107·16	98,459·04	206·47	34,938 28

‡ Exported.
‡ Paid duty of \$304·30.
• Assessment.

E. MIALL,
Commissioner.

APPENDIX A—Continued—MANUFACTURES IN BOND.

No. 25.—WAREHOUSE Return for

Vinegar remaining in Warehouse from last year.	PLACED IN WAREHOUSE.			TOTAL.			REVENUE DIVISIONS.
	Vinegar.	Methylated Spirits.	Crude Fulminate	Vinegar.	Methylated Spirits.	Crude Fulminate	
Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Lbs.	
.....	11,178·00	.....	.....	11,178·00	.....	.....	...Brantford.....
13,497·73	20,712·77	52,328·31	.....	34,210·50	52,328·31	.....	...Hamilton.....
8,533·81	37,265·78	.....	.....	45,799·59	.....	.....	...Kingston.....
.....	.....	.....	20,647	.....	.....	20,647	...Prescott.....
.....	5,079·48	46,130·73	.....	5,079·48	46,130·73	.....	...Toronto.....
4,782·47	*15,895·03 26,450·08	.....	.....	49,127·58	.....	.....	...Quebec.....
26,814·01	*15,895·03 100,686·11	98,459·04	20,647	145,395·15	98,459·04	20,647	.....Totals.....

* Received from Department, being seizure No. 178.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

the Year ended 30th June, 1888.

ENTERED FOR CONSUMPTION.			Crude Fulminate Exported	REMAINING IN WAREHOUSE.		TOTALS.		
Vinegar.	Methylated Spirits.	Duty.		Vinegar.	Methylated Spirits.	Vinegar.	Methylated Spirits.	Crude Fulminate
Galls.	Galls.	\$ cts.	Lbs.	Galls.	Galls.	Galls.	Galls.	Lbs.
11,178-00	.....	447 12	.....	.....	.....	11,178-00	.....	.....
25,586-47	52,328-31	8,872 71	.....	8,624-03	.....	34,210-50	52,328-31	.....
26,525-03	.....	1,061 00	.....	19,274 56	.....	45,799-59	.....	.....
.....	.....	.....	20,647	.....	.....	.....	.....	20,647
5,079-48	45,485-38	7,026 01	.....	.....	645-35	5,079-48	46,130-73	.....
24,183-28	.....	967 33	.....	22,944-30	.....	47,127-58	.....	.....
92,552-26	97,813-69	18,374 17	20,647	50,842-89	645 35	145,395-15	98,459-04	20,647

E. MIALL,
Commissioner.

APPENDIX A—Continued—MANUFACTURES IN BOND.

No. 26—COMPARATIVE Warehouse Return

Vinegar remaining in Warehouse from last year.	PLACED IN WAREHOUSE.			TOTAL.			PROVINCES.
	Vinegar.	Methylated Spirits.	Crude Fulminate	Vinegar.	Methylated Spirits.	Crude Fulminate	
							1887.
Galls.	Galls.	Galls.	Lbs.	Galls.	Galls.	Lbs.	Ontario
13,514·25	60,591·44	61,711·38	10,082	74,105·69	61,711·38	10,082	Quebec.....
.....	25,721·18	.....	.....	25,721·18	.....	.....	New Brunswick.....
2,569·74	1,553·81	.....	.....	4,123·55	.....	.....	.....Totals.....
16,083·99	87,866·43	61,711·38	10,082	103,950·42	61,711·38	10,082	.....Totals.....
							1888.
22,031·54	74,236·03	98,459·04	20,647	96,267·57	98,459·04	20,647	Ontario
4,782·47	42,345·11	.....	.....	47,127·58	.....	.....	Quebec.....
26,814·01	116,581·14	98,459·04	20,647	143,395·15	98,459·04	20,647	.....Totals.....

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

for the Years ended 30th June, 1887 and 1888.

ENTERED FOR CONSUMPTION.			Crude Fulminate Exported.	Vinegar remaining in Warehouse.	Methylated Spirits remaining in Warehouse.	TOTALS.		
Vinegar.	Methylated Spirits.	Duty.				Vinegar.	Methylated Spirits.	Crude Fulminate
Galls.	Galls.	\$ cts.	Lbs.	Galls.	Galls.	Galls.	Galls.	Lbs.
52,074·15	61,711·38	11,643 94	10,082	22,031·54	.....	74,105·69	61,711·38	10,082
20,938·71	.....	837 54	.....	4,782·47	.....	25,721·18	.....	.....
4,123·55	.....	164 93	.....	.....	.....	4,123·55	.....	.....
77,136·41	61,711·38	12,646 41	10,082	26,814·01	.....	103,950·42	61,711·38	10,082
68,368·98	97,813·69	17,406 84	20,647	27,898·59	.....	96,267·57	98,459·04	20,647
24,183·28	.....	967 33	.....	22,944·30	645·35	47,127·58	.....	.....
92,552·26	97,813·69	18,374 17	20,647	50,842·89	645·35	143,395·15	98,459·04	20,647
						1887.	1888.	
Total Duty collected, ex-Manufactory and ex-Warehouse.....						\$49,384·26	\$52,412·45	
do do on Licenses.....						925·00	900·00	
						<u>\$50,309·26</u>	<u>\$53,312·45</u>	

E. MIALL,
Commissioner.

APPENDIX A—Continued—CANALS.

No. 27.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl												
Apples		5									85	17 00
Agricultural Products, not enumerated, Vegetable		765									792	38 30
Agricultural Products, not enumerated, Animal												
Agricultural Implements				1							617	37 80
Barley	251			1,709					8,474	1,709	10,183	1,612 90
Bricks	10		8,200			418			428		428	62 89
Bones				40					40		40	6 00
Brimstone				466					529		529	74 15
Cement and Water Lime	63			70					705		775	85 26
Clay, Lime and Sand		705							30,062		182,157	35,258 74
Coal		50		120,760		762	31,335		152,095	138,181	138,181	27,636 20
Corn				89,898					2		2	0 30
Cattle												
Cotton, Eaw	10								4	12	16	2 08
Crockery and Earthenware												
Dye Wood and Dye Stuffs												
Fish				531		2			531		533	80 05
Flax and Hemp												
Flour	9	11,373							44	9	22,867	2,600 65
Furniture	4			17	23	1			33	34	67	11 23
Gypsum		205							3	27	485	7 37
Glass, all kinds	19			8							30	2 44
Hay, Pressed		20								20	20	4 00
Hogs												
Horses				3					4	10	14	1 38
Hides and Skins, Horus and Hoofs		7		2	162				2	162	164	32 70
Ice												

Iron, Railway	2				15			1,025	17		17	2 29
" Pig	10				3,172			1,025	10	1,025	10	205 19
" all other	57	352	1		2,309			7	3,230	359	15,675	555 39
Iron Ore												783 75
Kryolite Chemical Ore and other Ore, except Iron												
Lard and Lard Oil												12 20
Meal, all kinds	2				77	134		50	79	12,572	61	2,501 89
Meats, other than Pork		36						39		92		18 40
Marble					2,868				2,868		2,868	428 70
Manilla					677				999		677	101 55
Molasses					999				172		172	149 85
Nails	172									22,850	22,850	4,562 78
Oats		119						176	472	195	667	77 08
Oil, in Barrels	53	14	7		202					17	17	3 40
Oil Cake		17								54		10 80
Pease		54							62			1 22
Potatoes	62							551	821		821	164 20
Pork		151			797				815		815	120 17
Print	16				5				5		5	0 75
Pitch and Tar					24				24	14		6 40
Rags												
Rye												
Rosin	2											0 04
Salt					14				22		22	3 30
Stone intended for Cutting	2	1,098	8		77			4,137	79	5,235	5,314	1,043 49
" wrought								602		602	602	119 18
" not suitable for Cutting, unwrought	1,043	75			9,907				10,950	75	11,025	1,052 56
Seeds, all kinds					49				49	60	109	19 35
Sheep												
Soda Ash					120				120		120	18 00
Steel	5				4,034				4,039		4,039	605 20
Sugar	407				9,920			15	10,334	19	10,353	1,501 38
Spirits, Beer, &c.	20	93	3		9			91	32	200	232	27 16
Tobacco, Raw												
Tallow					732				732	2	734	109 85
Tin	36								36		36	0 68
Turpentine												
Wheat	10,432	43,077						115,124	10,432	198,366	208,798	39,653 25
White Lead	8								8		8	0 16
Whiting	1				270				271		271	40 52
Wool										80	80	16 00
All other Goods and Merchandise not enumerated	660	393	48		23,999			5	24,712	1,450	23,162	3,872 68
Bark										256	256	23 95
Barrels, Empty						96						
Boat Knees												

No. 27.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
Floats.....											
Firewood, in Vessels.....	2,802	16,818							2,802	16,818	872 35
" Rafts.....											
Hoops.....											
Hop Poles.....											
Lumber, Sawn, in Vessels.....	3,349	2,721							3,349	43,330	7,674 33
" " Rafts.....				12,023							
Masts, Spars and Telegraph Poles, in Vessels.....											
Masts, Spars and Telegraph Poles, in Rafts.....											
Railway Ties, in Vessels.....											
" " Rafts.....	1,500	973		123					973	1,623	312 25
Saw Logs.....											
Staves and Headings, Barrel.....	7,159	770		2,918					245	10,077	432 84
" " Pipe.....									18	18	2 73
" " West India.....									104	104	19 22
Staves, Salt Barrel.....									1,049	1,049	196 41
Shingles.....											
Split Posts and Fence Rails, in Vessels.....	29								29	6	6 81
" " Rafts.....											
Split Posts and Fence Rails, in Rafts.....											
Timber, Square, in Vessels.....											
" " Rafts.....	179								179	37,982	5,696 03
Traverses.....											
Woodenware and Wood, partly manufactured.....											
					497					497	243 00
Total Freight paying Tolls.....	19,715	92,922	23,401	16,190	182,683	204,872	32,214	237,294	258,013	551,276	140,873 14

No. 27.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

Total Tolls on Vessels.....	\$	cts.
“ “ Passengers.....	13,285	71
“ “ Free Goods.....	174	06
Fines and Damages.....	\$2,437	32
Total Revenue, exclusive of Hydraulic Rents.....	154,644	91

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued—CANALS.

No. 28.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the Welland Canal, and the Amount of Tolls collected thereon, during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up. \$ cts.	Amount of Tolls Down. \$ cts.	Total Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, Pot and Pearl.....														
Apples.....		5									85	17 00	17 00	17 00
Agricultural Products, not enumerated, Vegetable.....											27	5 40	5 40	5 40
Agricultural Products, not enumerated, Animal.....					1						1	0 20	0 20	0 20
Agricultural Implements.....														
Barley.....	251		23	1,709					8,471	1,709	10,183	1,271 10	841 80	1,612 90
Bricks.....		8,200												
Bones.....									40		40	6 00		6 00
Brimstone.....									466		466	69 90		69 90
Cement and Water Lime.....									7		7	10 50		10 50
Clay, Lime and.....									145,127	27,951	173,078	29,025 40	5,590 20	34,615 60
Coal.....			120,760	762	24,367						138,181	27,636 20	27,636 20	27,636 20
Corn.....							89,898				2	0 30		0 30
Cattle.....														
Cotton, Raw.....									4	8	12	1 20	0 80	2 00
Crockery and Earthenware.....	6													
Dye Wood and Dye Stuffs.....														
Fish.....					531				531		533	79 65	0 40	80 05
Flax and Hemp.....														
Flour.....	9						11,540	44	9	11,584	11,593	1 35	2,316 80	2,318 15
Furniture.....		3			17	23	1		29	34	63	4 35	6 80	11 15
Gypsum.....														
Glass, all kinds.....	2								10		13	1 50	0 60	2 10
Hay, Pressed.....		20								20	20	4 00	4 00	4 00
Hogs.....														
Horses.....									4	3	7	0 60	0 60	1 20
Hides and Skins, Horns and Hoofs.....														
Ice.....									2	162	164	0 80	32 40	32 70

No. 28.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.		Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.		
Iron, Railway					15				15		15	2	25		2 25
" Pig								1,025		1,025	1,025			205 00	205 00
" all other	50	352	1		3,172		7		3,223	369	3,882	483	45	71 80	555 25
Iron Ore		13,366			2,309				15,675		15,675	783	75		783 75
Kryolite Chemical Ore and other Ore, except Iron								50		61	61			12 20	12 20
Lard and Lard Oil				11	77	12,364		69	77	12,433	12,510	11	55	2,486 60	2,498 15
Meal, all kinds				17			39		92	92	92			18 40	18 40
Meats, other than Pork					2,858				2,858	428	2,858	428	70		428 70
Marble					677				677		677	101	55		101 55
Manilla					999				999		999	149	85		149 85
Molasses									86		86	12	90		12 90
Nails	86			22,731					22,731		22,731	4,546	20		4,546 20
Oats				5	202		2		207	231	412	34	65	36 20	70 85
Oil, in barrels	20								17		17			3 40	3 40
Oil Cake									54		54			10 80	10 80
Pease		54													
Potatoes		151													
Pork				119					821		821			164 20	164 20
Paint					797				799		799	119	85		119 85
Pitch and Tar					5				5		5	0	75		0 75
Rags				14	24				24	14	38	3	60	2 80	6 40
Rye															
Rosin					14				22		22	3	30		3 30
Salt					77				4,933		5,010	11	53	986 60	998 15
Stone intended for Cutting		1,098							553		553			110 60	110 60
" wrought															
" not suitable for Cutting, unwrought					9,907				9,907		9,907	990	68		990 68
Seeds, all kinds				46	49				60		109	7	35	12 00	19 35
Sheep															
Soda Ash					120				120		120	18	00		18 00
Steel					4,034				4,034		4,034	605	10		605 10

Sugar.....	6	7	9,920	4	15	9,933	19	9,952	1,489 95	3 80	1,493 75
Spirits, Beer, &c.....		3	9	16	91	12	107	119	1,80	21 40	23 20
Tobacco, Raw.....											
Tallow.....			732			732		732	109 80		109 80
Tin.....											
Tin.....											
Turpentine.....			40,165		111,442		192,123	192,123		38,424 60	38,424 60
Wheat.....	40,516										
White Lead.....			270			270		270	40 50	16 00	40 50
Whiting.....				80			80	80			16 00
Wool.....											
All other Goods and Merchandise not enumerated.	141	48	23,999	887	5	24,193	1,073	25,266	3,628 95	214 60	3,843 55
Bark.....											
Barrels, Empty.....				33	70		103	103		20 20	20 20
Boat Knees.....											
Floats.....											
Firewood, in Vessels.....											
" Rafts.....											
Hoops.....											
Hop Poles.....				24,272	4,314		40,737	40,737		7,327 21	7,327 21
Lumber, Sawed, in Vessels.....	137										
" Rafts.....											
Masts, Spars, and Telegraph Poles in Vessels.....											
Masts, Spars, and Telegraph Poles in Rafts.....											
Railway Ties, in Vessels.....		972				973		973	154 60		154 60
" Rafts.....											
Saw Logs.....											
Staves and Headings, Barrel.....											
" " Pipe.....											
" " W India.....											
Staves, Salt Barrel.....										2 73	2 73
Shingles.....										19 22	19 22
Split Posts and Fence Rails, in Vessels.....										196 41	196 41
Split Posts and Fence Rails, in Rafts.....											
Timber Square, in Vessels.....	5,663				32,019		37,982	37,982		5,696 03	5,696 03
" Rafts.....											
Traverses.....											
Woodenware and Wood partly manufactured.....			497	4	49	497	53	550	192 80	27 20	230 00
Total Freight paying Tolls.	571	22,631	182,683	204,872	24,376	231,299	496,654	726,814	39,859 38	96,593 66	136,453 04

No. 28.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported, &c.—*Con.*

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.		Amount of Tolls, Down.		Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	\$	cts.	
<i>Free Articles having paid Full Tolls on the St. Lawrence Canals:—</i>																
Agricultural Products not enumerated, Vegetable....				33						33						
Agricultural Products not enumerated, Animal....				3						3						
Bricks.....				34						34						
Cattle.....				1						1						
Cement and Water Lime....	854		1,049							1,903						
Clay, Lime and Sand.....			127							127						
Crockery and Earthenware.	43		101							144						
Dye Wood and Dye Stuffs.	4									4						
Fish.....	5		90							95						
Furniture.....			1							1						
Glass, all kinds.....	10		12							22						
Iron, Railway.....	153		1,240							1,393						
" Pig.....	11		547							558						
" all other.....	1,794		102							1,896						
Manilla.....	1									2						
Molasses.....			2							2						
Nails.....	63		259							322						
Oil, in Barrels.....	20		14							34						
Paint.....	7		21							28						
Pitch and Tar.....	1									1						
Potatoes.....	4									4						
Rags.....			52							52						
Salt.....	223		4,065							4,288						
Seeds, all kinds.....	8		24							32						
Soda Ash.....			984							984						
Steel.....	415		3							418						
Sugar.....	48		51							99						

Spirits, Beer, &c.....	13							209			
Tobacco, Raw.....	1							1			
Tin.....	171	1,766						1,937			
Turpentine.....	1							2			
White Lead.....	4	2						6			
Whiting.....	6							6			
Wood.....	4							4			
All other Goods and Merchandise not enumerated.	143	683						826			
Grand Total Freight...	4,577	48,369	33,096	12,014	182,683	204,872	24,375	245,731	496,554	742,285	
<p>Total Through Tolls on Vessels.....</p> <p>Passengers.....</p> <p>Free Goods..... \$2,320 65</p> <p>Total Through Tolls.....</p>											
								5,861 92	6,279 14	12,141 06	
								51 05	67 95	119 00	
								45,772 35	102,940 75	148,713 10	

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

E. MIALL,
Commissioner.

APPENDIX A—Continued—CANALS

No. 29.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the Welland Canal, and the Amount of Tolls collected thereon, during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount to Tolls. \$ cts.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			
													Up.	Down.
Ashes, Pot and Pearl.....													
Apples.....		765								765	765	32 90	
Agricultural Products, not enumerated, Vegetable.....													
Agricultural Products, not enumerated, Animal.....				616						616	616	37 60	
Agricultural Implements.....													
Barley.....	10												
Bricks.....							418			428	428	62 89	
Bones.....													
Brimstone.....													
Cement and Water Lime.....	63									63	63	4 25	
Clay, Lime and Sand.....		705								705	705	74 76	
Coal.....		50					6,968	2,061		6,968	2,111	9,079	643 14
Corn.....													
Cattle.....													
Cotton, Raw.....													
Crockery and Earthenware.....	4									4	4	0 08	
Dye Wood and Dye Stuffs.....													
Fish.....													
Flax and Hemp.....													
Flour.....		11,273								11,273	11,273	282 50	
Furniture.....	4									4	4	0 08	
Gypsum.....		205		280						485	485	7 37	
Grass, all kinds.....	17									17	17	0 34	
Hay, Pressed.....													
Hogs.....													
Horses.....													
Hides and Skins, Horns and Hoofs.....										7	7	0 18	

No. 29.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees												\$ cts.
Floats												
Firewood, in Vessels.....	2,802	16,818							2,802	16,818	19,620	872 35
" Rafts.....												
Hoops.....												
Hop Poles.....	3,349	2,584		9					3,349	2,593	5,942	347 12
Lumber, Sawn, in Vessels.....												
" Rafts.....												
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....	1,500			123								
" Rafts.....												
Saw Logs	7,169	770		2,918				245	1,623	1,623	1,623	167 66
Staves and Headings, Barrel " " Pipe " " W. India.....												
Staves, Salt Barrel.....												
Shingles.....	29								29		29	2 55
Split Posts and Fence Rails, in Vessels.....												
Split Posts and Fence Rails in Rafts.....												
Timber, Square, in Vessels.....	179								179		179	18 38
" Rafts.....												
Traverses.....												
Woodenware and Wood, partly manufactured.....	85									85	85	23 00
Total Freight paying Tolls.....	19,144	44,396	779	4,333	7,839	6,095	27,765	54,724	82,477	4,420 10		

APPENDIX A—Continued—CANALS.

No. 30.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Toll. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	46	132							46	132	3,296	26 40
Apples.....	393	3,190	56				4			3,250		459 80
Agricultural Products, not enumerated, Vegetable.....	70	261	35	120	1				428	382	810	104 81
Agricultural Products, not enumerated, Animal.....	95	156	1				25		96	156	252	18 19
Agricultural Implements.....	1,060	1,231	242	836			20		1,322	2,067	3,389	202 73
Barley.....	4,325	242	31				1,623		5,979	242	6,221	261 43
Bricks.....	121	419		662			7		121	1,088	1,209	114 55
Bones.....							6		6		6	0 23
Brimstone.....	2,355	9	894				16		3,265	9	3,274	468 78
Cement and Water Lime.....	15,704	6,644	127				2,057		17,888	6,941	24,829	1,005 00
Clay, Lime and Sand.....		66,615		12	1,485		81,951		12	150,051	150,063	20,406 54
Coal.....	30	9,404		4	15				34	9,419	9,453	202 40
Corn.....	50	494	1						51	494	545	39 90
Cattle.....		10								10	10	2 15
Gotton, Raw.....	588	17	94				3		682	20	702	137 90
Crockery and Earthenware.....	58	3					164		222	5	225	16 86
Dye Wood and Dye Stuffs.....	1,211	82					5		1,211	87	1,298	110 19
Fish.....	15								15		15	2 15
Flax and Hemp.....		6,548		1	41				587	6,691	7,278	1,015 67
Flour.....	169	633		1			102		170	634	804	125 67
Furniture.....	3,562	597		120			8		3,562	717	4,279	99 30
Gypsum.....	465	52	17						490	55	545	102 46
Glass, all kinds.....	623	73							684	168	852	46 26
Hay, Pressed.....	7	14							7	14	21	2 31
Hogs.....	65	334							65	334	399	29 09
Horses.....												
Hides and Skins, Horns and Hoofs.....	15	14	1	24			4		20	38	58	6 94

No. 30.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees.....									4,786	78 61
Floats.....	674	4,112							4,112	624 81
Fire Wood, in Vessels.....	5,766	14,100				90			19,956	3 38
" Rafts.....		162							162	0 90
Hoops.....									9	
Hop Poles.....									63,061	3,056 15
Lumber, Sawn, in Vessels.....	27,508	30,321	1,062	4,170					231	10 39
" " Rafts.....		231							231	
Masts, Spars and Telegraph Poles, in Vessels.....	98	1							99	1 25
Masts, Spars and Telegraph Poles, in Rafts.....									21,700	542 50
Railway Ties, in Vessels.....	2,803	164							164	61 79
" " Rafts.....									15,803	361 16
Saw Logs.....		15,803							118	4 00
Staves and Headings, Barrel.....		118							48	2 26
" " Pipe.....		24							20	27 75
" " W.India.....		20							82	23 16
Staves, Salt Barrel.....									82	
Shingles.....									6	1 35
Split Posts and Fence Rails, in Vessels.....	2	6							2	0 40
" " Rafts.....									2	36 67
Split Posts and Fence Rails, in Rafts.....									1,018	405 30
Timber, Square, in Vessels.....	1,441	1,018							9,112	26 15
" " Rafts.....	55	10,068							10,068	
Traverses.....									39	23 50
Woodenware and Wood, partly manufactured.....	39	24							24	
Total Freight paying Tolls	156,844	291,404	11,619	6,232	2,741	83,668	17,153	186,278	570,323	42,642 44

<i>Free Articles having paid Tolls on the Welland Canal.</i>																				
Apples.....	33																			33
Ashes.....	122																			122
Corn.....	39,247																			39,779
Flour.....	5,925																			5,925
Furniture.....	3																			3
Glass, all kinds.....	1																			1
Horses.....	1																			1
Iron, all other.....	280																			280
Lard and Lard Oil.....	35																			35
Meal, all kinds.....	61																			61
Meats, other than Pork.....	58																			58
Nails.....	1																			1
Oil.....	9																			9
Oil Cake.....	17																			17
Pease.....	197																			197
Pork.....	584																			584
Seeds, all kinds.....	10																			10
Stone for cutting.....	600																			600
Sugar.....	15																			15
Wheat.....	152,738																			153,035
Merchandise, not enumerated	81																			81
Barrels, Empty.....	70																			70
Lumber, Sawt, in Vessels.....	5,003																			5,003
Staves, Barrel.....	9																			9
do Pipe.....	15																			15
do West India.....	611																			611
Timber, Square, in Rafts.....	12,387																			12,387
Woodenware.....	48																			48
Coal, Free, per Order in Council.....	45,273																			82,476
Kryolite, Free, having paid full Toll on Rideau Canal.	375																			375
Stone, Unwrought, Free, per Order in Council.....	3,051																			3,051
Grand Total Freight.....	205,768	509,340	1,918	6,232	670	2,741	54,049	84,497	272,405	602,810	875,215									

No. 80.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

	\$	cts.
Total Tolls on Vessels.....	15,002	16
do do Passengers.....	2,947	94
do do Free Goods.....		\$11,945 56
do Fines and Damages.....	73	00
do Wharfage and Storage.....	4,349	34
Winterage, Basin Dues and other Receipts.....	15,171	93
Total Revenue, exclusive of Hydraulic Rents.....	80,186	81

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued—CANALS.

No. 31.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected thereon, during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up. \$ cts.	Amount of Tolls Down. \$ cts.	Total Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, Pot and Pearl.....		132									132			26 40
Apples.....	3	2,951						4		3	2,955			443 25
Agricultural Products, not enumerated, Vegetable.....	339	56	35							374	56			64 50
Agricultural Products, not enumerated, Animal.....		43	1							1	43			6 60
Agricultural Implements.....	1	7								1	7			1 60
Barley.....	225									225				33 75
Bricks.....	112		31							143				21 45
Bones.....		118					7				125			18 75
Brinstone.....														439 35
Cement and Water Lime.....	2,085	4	894							2,929	4			0 60
Clay, Lime and Sand.....	97	21	127				297			224	318			47 70
Coal.....		62,696					65,243				125,939			18,890 85
Corn.....	14	3,765								14	3,765			74 84
Cattle.....		31	1							1	31			4 65
Cotton, Raw.....		6									6			0 90
Crockery and Earthenware.....	518	15	94							612	18			122 40
Dye Wood and Dye Stuffs.....	19	3								19	3			3 80
Fish.....	433	11								433	16			64 95
Flax and Hemp.....	13									13				1 95
Flour.....	10	6,327					102			10	6,429			964 35
Furniture.....	59	443								59	444			11 80
Gypsum.....	28									28				4 20

No. 31.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Tolls, Up.		Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	
Glass, all kinds.....	424	22	17	.....	.....	.....	.....	.....	441	23	466	88 20	5 00	93 20
Hay, Pressed.....	14	.....	.....	.....	.....	.....	.....	.....	14	.....	14	2 10	.....	2 10
Hogs.....	.....	13	.....	.....	.....	.....	.....	.....	.....	13	13	.....	1 95	1 95
Horses.....	5	38	.....	.....	.....	.....	.....	.....	5	38	43	0 75	5 70	6 45
Hides and Skins, Horns and Hoofs.....	7	4	.....	.....	.....	.....	.....	.....	7	4	11	1 05	0 60	1 65
Ice.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Iron, Railway.....	2,538	207	393	.....	.....	.....	.....	.....	2,931	207	3,138	439 62	31 05	470 70
" " Pig.....	2,893	.....	896	.....	.....	.....	.....	.....	3,789	.....	3,789	568 35	.....	568 35
" " all other.....	3,195	43	98	.....	.....	.....	.....	.....	3,233	49	3,282	484 95	7 35	492 30
Iron Ore.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kryolite Chemical Ore and other Ore, except Iron.....	.....	2,866	.....	.....	.....	.....	.....	.....	.....	2,866	2,866	.....	.....	143 30
Lard and Lard Oil.....	34	6	.....	.....	.....	.....	.....	.....	34	6	40	5 10	0 90	6 00
Meat, all kinds.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Meats, other than Pork.....	14	.....	.....	.....	.....	.....	.....	.....	14	.....	15	2 80	0 20	3 00
Marble.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manilla.....	3	.....	1	.....	.....	.....	.....	.....	4	.....	4	0 80	.....	0 80
Molasses.....	298	.....	.....	.....	.....	.....	.....	.....	298	.....	298	59 60	.....	59 60
Nails.....	1,841	3	190	.....	.....	.....	.....	.....	2,031	3	2,034	406 20	0 60	406 80
Oats.....	98	.....	.....	.....	.....	.....	.....	.....	98	.....	99	14 70	0 15	14 85
Oil, in Barrels.....	598	123	9	.....	.....	.....	.....	.....	537	123	660	107 40	24 60	132 00
Oil Cake.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pease.....	.....	8,301	.....	.....	.....	.....	.....	.....	.....	8,301	8,301	.....	166 41	166 41
Potatoes.....	115	.....	.....	.....	.....	.....	.....	.....	115	.....	115	17 25	.....	17 25
Pork.....	1	20	.....	.....	.....	.....	.....	.....	1	20	21	9 15	0 30	0 45
Paint.....	395	.....	.....	.....	.....	.....	.....	.....	395	.....	415	79 00	4 0	83 00
Pitch and Tar.....	118	31	.....	.....	.....	.....	.....	.....	118	31	149	23 60	6 20	29 80
Rags.....	.....	112	52	.....	.....	.....	.....	.....	52	112	164	10 40	22 40	32 80
Rye.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rosin.....	14	.....	.....	.....	.....	.....	.....	.....	14	.....	14	2 50	.....	2 50
Salt.....	698	.....	3,908	.....	.....	.....	.....	.....	4,606	.....	4,606	690 90	.....	690 90

Stone intended for cutting.....	1				577	1	0 20	86 55	86 55
" wrought.....								0 20	
" not suitable for cutting; unwrought.....		904			610	345	51 76	110 40	110 40
Seeds, all kinds.....	321	16	24			16		2 40	2 40
Sheep.....	574	936				1,510	302 00	302 00	302 00
Soda Ash.....	760	3				763	152 15	152 15	152 15
Steel.....	4,987	92	35			5,022	1,004 40	1,004 40	1,022 80
Sugar.....	420	253	185		1	605	121 00	50 80	171 80
Spirits, Beer, &c.....		4	2		1	2	0 30	0 75	1 05
Tobacco, Raw.....	12	7	3			7	2 25	1 05	3 30
Tallow.....	531	8	1,720		1	2,231	450 20	1 80	452 00
Tin.....	19					19	3 80	3 80	3 80
Turpentine.....	199	19,588				19,589		391 78	391 78
Wheat.....	304					201	40 20	40 20	40 20
White Lead.....	48					304	60 80	60 80	60 80
Whiting.....		5				48	7 20	0 75	7 95
Wool.....									
All other Goods and Merchandise, not enumerated.....	3,498	1,744	648		6	4,146	829 20	350 00	1,179 20
Bark.....	4	11				4	0 54	2 06	2 60
Barrels, Empty.....									
Boat Knees.....									
Floats.....									
Firewood, in Vessels.....	1,200	480				1,200	80 00	24 00	104 00
" Rafts.....									
Hoops.....									
Hop Poles.....									
Lumber, Sawn, in Vessels.....	56	12,772	482	2,827		538	48 15	1,571 75	1,619 90
Lumber, Sawn, in Rafts.....									
Masts, Spars and Telegraph Poles, in Vessels.....									
Masts, Spars and Telegraph Poles, in Rafts.....									
Masts, Spars and Telegraph Poles, in Vessels.....									
" Rafts.....									
Saw-Logs.....									
Staves and Headings, Barrel.....			28					2 20	2 20
Staves and Headings, Pipe.....						28			
Staves and Headings, West India.....									

No. 31.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up. \$ cts.	Amount of Tolls, Down. \$ cts.	Total Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Staves, Salt Barrel														
Shingles														
Split Posts and Fence														
Rails, in Vessels														
Split Posts and Fence														
Rails, in Rafts	20								20		40	1 00	1 00	2 00
Timber, Square, in Vessels														
Timber, Square, in Rafts	2,340								2,340		2,340		234 00	234 00
Traverses														
Woodenware and Wood partly manufactured..	31								31		55	12 40	9 60	22 00
Total Freight paying Tolls	30,084	126,724	10,787	2,828			64,870	40,851	194,422	235,273	6,972 71	23,864 23	30,836 94	
<i>Free Articles, having paid Full Tolls on the Wetland Canal.</i>														
Apples		33									33			
Ashes		122									122			
Corn		31,830					532				32,362			
Flour		5,925									5,925			
Furniture		3									3			
Glass, all kinds		1									1			
Horses		1									1			
Iron, all other		280									280			
Lard and Lard Oil		36									35			
Meal, all kinds		61									61			
Meats, other than Pork		58									58			
Nails		1									1			
Oil Cake		17									17			

APPENDIX A--Continued--CANALS.

No. 32.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected thereon, during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Toll. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	43	239							43	239	338	16 10
Apples.....	54	205				1			54	326	380	40 31
Agricultural Products, not enumerated, Vegetable.....	70	113					25		95	113	208	11 59
Agricultural Products, not enumerated, Animal.....	835	1,231	242	836					1,097	2,067	3,164	168 98
Barley.....	4,213	242							5,826	242	6,078	239 98
Bricks.....	121	301							121	963	1,084	95 80
Bones.....									6		6	0 23
Brimstone.....	320	5					6		336	5	341	28 83
Cement and Water Lime.....	15,607	6,623					16		17,664	6,623	24,287	923 70
Clay, Lime and Sand.....		3,919			12	1,485			12	24,112	24,124	1,515 69
Coal.....	16	5,639			4	15			20	5,654	5,674	125 00
Corn.....	50	463							50	463	513	35 10
Cattle.....		4								4	4	0 30
Cotton, Raw.....	70	2							70	2	72	11 90
Crockery and Earthenware.....	39								203		203	12 46
Dye Wood and Dye Stuffs.....	778	71					164		778	71	849	42 84
Fish.....												0 20
Flax and Hemp.....	2								2		2	0 20
Flour.....	576	221							577	262	839	49 82
Furniture.....	110	190			1	41			111	190	301	25 07
Gypsum.....	3,534	597							3,534	717	4,251	95 10
Glass, all kinds.....	41	30							49	30	79	9 26
Hay, Pressed.....	609	73				61			670	168	838	44 16
Hogs.....	7	1							7	1	8	0 36
Horses.....	60	296							60	296	356	22 64
Hides and Skins, Horns and Hoofs.....	8	10							13	34	47	4 29
Ice.....							4					

No. 82.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported, &c.—Concluded.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Floats.....	674	4,112							674	4,112	4,786	cis.
Firewood, in Vessels.....	4,566	13,020						90	4,566	13,710	18,276	78 61
" Rafts.....		162								162	3 38	520 81
Hoops.....					9					9	9	0 90
Hop Poles.....	27,452	17,549							28,032	18,892	46,924	1,436 25
Lumber, Sawn, in Vessels.....		231		1,343						231	231	10 39
" Rafts.....												
Masts, Spars and Telegraph Poles, in Vessels.....	98	1							98	1	99	1 25
Masts, Spars and Telegraph Poles, in Rafts.....		21,700								21,700	21,700	542 50
Railway Ties, in Vessels.....	2,803	164							2,803	164	2,967	61 79
" Rafts.....		15,803								15,803	15,803	361 16
Saw Logs.....		90								90	90	1 80
Staves and Headings, Barrel.....	24	48							24	48	72	2 26
" " W. India.....	20	420							20	420	440	27 75
Staves, Salt Barrel.....	82								82		82	23 16
Shingles.....												
Split Posts and Fence Rails, in Vessels.....	2	6							2	6	8	1 35
Split Posts and Fence Rails, in Rafts.....		2								2	2	0 40
Timber, Square, in Vessels.....	1,421	998							1,421	998	2,419	34 67
" Rafts.....	55	10,068							55	10,068	6,827	171 30
Traverses.....											10,068	26 15
Woodenware and Wood partly manufactured.....	8									8	8	1 50
Total Freight paying Tolls.....	126,780	164,680		3,404	662	2,741	17,153	18,798	145,427	189,623	335,050	11,805 50
Coal, Free, per O.O.....	38,019			54	8		36,896		74,977		74,977	
Stone for cutting, per O.O.....	600								600		600	
" unwrought ".....	3,051								3,051		3,051	

APPENDIX A—Continued—CANALS.

No. 83.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1888

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....												
Apples.....	20	44									44	8 36
Agricultural Products, not enumerated, Vegetable.....	6	16							20		36	1 86
Agricultural Products, not enumerated, Animal.....	19	143							6		143	9 22
Agricultural Implements.....	2	1,558							19	1,558	1,577	135 54
Barley.....		19							2	19	21	3 67
Bricks.....		652								652	652	36 32
Bones.....		50								50	50	1 60
Brimstone.....		17								17	17	1 41
Cement and Water Lime.....		21								21	21	1 90
Clay, Lime and Sand.....		6,410								6,410	6,410	190 41
Coal.....		9								9	9	0 15
Corn.....		1								1	1	0 06
Cattle.....	5	556							5	556	561	34 73
Cotton, Raw.....												
Crockery and Earthenware.....	1									1	1	0 05
Dye Wood and Dye Stuffs.....												
Fish.....		2								2	2	0 20
Flax and Hemp.....												
Flour.....	18	33							18	32	51	3 59
Furniture.....	8	31							8	31	39	5 06
Gypsum.....												
Glass, all kinds.....												
Hay, Pressed.....		395								395	395	38 54
Hogs.....		98								98	98	6 33
Horses.....		195							20	195	215	9 37
Hides and Skins, Horns and Hoofs.....		25								25	25	2 47

No. 33.—GENERAL STATEMENT showing the Quantity of each Article of Freight transported, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.			$ cts.
Boat Knees.....												
Floats.....	130								130		28,566	414 72
Firewood, in Vessels.....				480						480	45,089	1,582 04
" Rafts.....										7,386	7,386	82 36
Hoops.....		29								29	29	2 53
Hop Poles.....												
Lumber, Sawm, in Vessels.....	23	383,967		172,440					23	556,307	556,330	44,747 61
" Rafts.....		3,302								3,302	3,302	198 64
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....		65								65	65	4 40
Railway Ties, in Vessels.....		289								289	289	34 46
" Rafts.....		3,368								3,368	3,368	295 33
Saw-Logs.....		14,471								14,471	14,471	354 42
Staves and Headings, Barrel.....												
" " Pipe.....												
" " W. India.....												
Staves, Salt Barrel.....	2								2		499	376 05
Shingles.....		461		238						4	4	0 16
Split Posts and Fence Rails, in Vessels.....		4								4	4	0 34
" Rafts.....												
Split Posts and Fence Rails, in Rafts.....		1								1	1	0 34
Timber, Square, in Vessels.....		7,724								7,724	7,724	96 23
" Rafts.....		840								840	840	4 45
Traverses.....												
Woodenware and Wood, partly manufactured.....												
Total Freight paying Tolls.....	414	511,862		173,168					414	685,020	685,434	49,182 40

Coal, Free, per O. C.....	414	511,862	173,158	414	685,020	685,434
Grand Total Freight.....						
Total Tolls on Vessels.....						
" Passengers.....						4,901 73
" Free Goods.....					\$	192 18
Fines.....						149 20
Damages.....						54,425 51
Total Revenue exclusive of Hydraulic Rents.....						

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

E. MIALL,
Commissioner.

APPENDIX A—Continued—CANALS.

No. 34.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl		413						78		491	491	43 78
Apples												
Agricultural Products, not enumerated, Vegetable.....	69	30							69	30	99	3 30
Agricultural Products, not enumerated, Animal.....	6	18							6	18	24	0 80
Agricultural Implements.....		20								20	20	2 00
Barley.....		540							1,173	540	1,713	118 22
Bones.....	100	60						4,823	1,100	4,883	4,983	487 64
Bricks.....		12							309	12	321	31 30
Brimstone										15	15	1 50
Cement and Water Lime.....										4,440	4,603	476 18
Clay, Lime and Sand.....	163	57						4,383	163	4,440	4,603	476 18
Coal.....								101,638		101,638	101,638	9,866 12
Corn.....										57	57	1 90
Cattle		57										
Cotton, Raw										9	9	0 90
Crockery and Earthenware.....		3						128		128	128	12 80
Dye Wood and Dye Stuffs.....	3								3		3	0 10
Fish												
Flax and Hemp.....	300	3							300	3	303	10 10
Flour.....	3	2						1		3	6	0 40
Furniture	25								25		25	0 84
Gypsum												
Glass, all kinds												
Hay, Pressed	13	152							446	752	1,198	69 48
Hogs												
Horses	9	21							9	21	30	1 00
Hides and Skins, Horns and Hoofs		3								3	3	0 10

No. 34.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees												
Floats	430								430		430	11 40
Firewood, in Vessels	300								300		300	10 00
" Rafts												
Hoops												
Hop Poles												
Lumber, Saw'n, in Vessels	6,235						24		92,644	24	92,668	5,361 40
" Rafts												
Masts, Spars, and Telegraph Poles, in Vessels												
Masts, Spars, and Telegraph Poles, in Rafts	3,163								9,661		9,661	731 52
Railway Ties, in Vessels												
" Rafts												
Saw-Logs												
Staves and Headings, Barrel												
" " Pipe												
" " W. India												
Staves, Salt Barrel	30								45		45	11 87
Shingles												
Split Posts and Fence Rails, in Vessels	8								8		8	0 54
Split Posts and Fence Rails, in Rafts												
Timber, Square, in Vessels	52								52		52	5 21
" " Rafts												
Traverses												
Woodenware and Wood partly manufactured												
Total Freight paying Tolls.	11,563	5,043	94,837	126,227	106,421	131,270	237,691	19,910 03				

Coal, Free, per O. C.	119	200								319
Grand Total Freight.....	11,682	5,243	94,837			21	126,227	106,740	131,270	238,010
Total Tolls on Vessels.....										2,967 66
do Passengers										57 68
do Free Goods.....										\$27 93
Wharfage and Storage										20 00
Fines and Damages										50 70
Total Revenue, exclusive of Hydraulic Rents										22,006 07

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

E. MIALL,
 Commissioner.

APPENDIX A—Continued—CANALS.

No. 35.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....										
Apples.....	5	39							39	9 98
Agricultural Products, not enumerated, Vegetable.....		1					6	1	6	0 42
Agricultural Products, not enumerated, Animal.....	23							23	23	0 57
Agricultural Implements.....	190	790					190	790	980	51 33
Barley.....	43	105					43	105	148	17 96
Bricks.....	186						186		186	4 36
Bones.....	204	1					204	1	206	5 10
Brimstone.....	1	2					1	2	3	0 15
Cement and Water Lime.....	110	14					110	14	124	4 03
Clay, Lime and Sand.....	225	1					225	1	226	5 29
Coal.....		4,329						4,329	4,329	145 27
Corn.....	4	67					4	67	67	1 83
Cattle.....									4	0 10
Cotton, Raw.....										
Crockery and Earthenware.....	24	18					24	18	42	5 17
Dye Wood and Dye Stuffs.....	3						3		3	0 44
Fish.....	197	3					197	3	200	5 19
Flax and Hemp.....										
Flour.....	18	610					18	610	628	17 44
Furniture.....	12	28					12	28	40	4 35
Gypsum.....										
Glass, all kinds.....	18	2					18	2	20	3 50
Hay, Pressed.....	52	1					52	1	53	1 28
Hogs.....										
Horses.....	9	7					9	7	16	0 48
Hides and Skins, Horns and Hoofs.....	2	5					2	5	7	0 32

Ice	5	30	5	30	35	0 82
Iron, Railway	101	6	101	6	1 7	5 13
" Pig	303	110	303	110	4 13	14 97
" all other						
Iron Ore						
Kryolite Chemical Ore and other Ore, except Iron	325	725	325	725	1,050	52 50
Lead and Lard Oil	12	34	12	34	46	1 24
Meal, all kinds	44	44	44	44	44	1 22
Meats, other than Pork	10		10		10	0 24
Marble	7	6	7	6	13	2 26
Manilla						
Molasses	66	4	66	4	70	6 13
Nails	243	1	243	1	244	25 42
Oats	115	21	115	21	136	3 42
Oil, in Barrels	93	116	93	116	209	20 00
Oil Cake	4	4	4	4	4	0 11
Pease	7	2	7	2	9	0 22
Potatoes	166	20	166	20	186	4 78
Pork	170	43	170	43	213	5 22
Paint	5		5		5	0 62
Pitch and Tar	16	14	16	14	16	1 42
Rags						
Rye	25	14	25	14	14	3 12
Rosin	5		5		25	0 61
Salt	1,355	285	1,355	285	5	0 44
Stone, intended for Cutting, wrought	406	791	406	791	1,640	47 15
" not suitable for Cut- ting, unwrought					1,197	46 29
Seeds, all kinds	40	113	40	113	113	2 80
Sheep	16	3	16	3	43	1 04
Soda Ash	9		9		16	0 40
Steel					9	1 14
Sugar	451	32	451	32	483	48 09
Spirits, Beer, &c.	105	51	105	51	156	14 46
Tobacco, Raw	1		1		1	0 03
Tallow	1	7	1	7	8	0 29
Tin	17		17		17	1 61
Turpentine	1		1		1	0 09
Wheat	1	266	1	266	267	6 31
White Lead	7		7		7	0 71
Whiting	25	25	25	25	25	2 18
Wool	4	4	4	4	4	0 10
All other Goods and Merch- andise, not enumerated	483	367	483	367	850	120 78
Barrel	104		104		104	2 44
Barrels, Empty	34		34		34	2 27
Boat Keels						

No. 35.—GENERAL STATEMENT showing the Quantity of each Article of Freight transported, &c.—Concluded.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Floats	520	60							520	60	580	10 15
Firewood, in Vessels.....	18,903	1,029							18,903	1,029	19,932	352 40
" Rafts.....												
Hoops.....	18	5							18	5	23	0 19
Hop Poles.....	43,607	4,119	803						44,410	4,119	48,529	2,137 37
Lumber, Saw'n, in Vessels.....	22	25							22	25	47	1 78
" Rafts.....												
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....	4,105	1,244	389						4,494	1,244	5,738	539 37
Railway Ties, in Vessels.....	501	321							501	321	822	1 17
" Rafts.....												
Saw-Logs.....												
Staves and Headings, Barrel.....												
" " W. India.....												
Staves, Salt Barrel.....	14	27							14	27	41	5 71
Shingles.....												
Split Posts and Fence Rails, in Vessels.....	13	9	11						24	9	33	4 39
Split Posts and Fence Rails in Rafts.....												
Timber, Square, in Vessels.....												
" " Rafts.....												
Traverses.....	1	2							1	2	3	0 54
Woodenware and Wood partly manufactured.....	73,764	15,972	1,203						74,967	15,972	90,939	3,806 98
Total Freight paying Tolls	5,029								5,029		5,029	
Coal Free, per O.C.....												
Grand Total, Freight.....	78,793	15,972	1,203						79,996	15,972	95,968	

Total Tolls on Vessels	1,834 76
“ “ Passengers	124 13
“ “ Free Coal	\$132 08
Wharfage and Storage	13 59
Fines and Damages	56 43
Other Receipts	87 00
Total Revenue, exclusive of Hydraulic Rents	5,922 89

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

E. MIALL,
Commissioner.

APPENDIX A—Continued—CANALS.

No. 86.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal, and the Amount of Revenue collected during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Fish.....	627	1,069							627	1,069	1,696	\$ cts. 16 96
Flour.....	924	876							1,218	876	2,094	20 94
Coal.....	12,089	12,582					294		12,089	12,582	24,621	246 21
Lumber.....	1,528	2,982							1,528	2,982	4,510	45 10
Other Agricultural Products	6,325	3,189							6,325	3,189	9,514	95 14
Other Merchandise.....	755	342							755	342	1,097	10 97
Total.....	22,198	21,040					294		22,492	21,040	43,532	435 32
Tolls on Vessels												2,358 50
Total Revenue.....												2,793 82

E. MIALI,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued—CANALS.

No. 27.—GENERAL STATEMENT showing the Quantity of each Article transported on the Newcastle District Canals, and the Amount of Revenue collected, during the Fiscal Year ended 30th June, 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Bark.....	45								45		45	0 75
Bricks.....												
Clay, Lime and Sand.....												
Firewood, in Vessels.....	9,222	15							9,222	15	9,237	138 02
Floats.....												
Iron Ore.....												
Lumber, Sawm, in Vessels.....	1,381								1,381		1,381	12 34
Railway Ties.....	177								177		177	4 79
Saw Logs.....	2,130	150							2,730	150	2,880	53 90
Shingles.....	95								95		95	14 41
Split Posts, &c.....												
Stone, Unwrought.....	778								778		778	5 18
Timber, Square.....	260								260		260	6 03
Traverses.....												
Total Freight.....	14,688	165							14,688	165	14,853	235 42
Total Tolls on Vessels.....												84 50
Total Revenue, exclusive of Hydraulic Rents.....												319 92

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—

No. 38.—STATEMENT of Traffic on the undermentioned Canals, and the

ARTICLES.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		\$ cts.
Canadian Vessels, steam.....	242,944	3,218 75	662,485	4,275 97	593,79	187 36
United States Vessels, steam.....	204,180	3,059 15	18,546	137 71	201	2 07
Canadian Vessels, sail.....	246,579	4,496 47	926,862	9,970 80	60,832	986 98
United States Vessels, sail..	113,731	2,511 34	74,986	617 68	127,354	1,791 25
Total, Class No. 1.....	807,434	13,285 71	1,682,879	15,002 16	247,766	2,967 66
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	5,464	174 06	58,079	2,947 94	3,419	57 68
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....	428	62 89	6,221	261 43	4,923	487 64
Brimstone.....	40	6 00	6	0 23		
Cement and Water Lime.....	529	74 15	3,274	468 78	15	1 50
Clay, Lime and Sand.....	775	85 26	24,829	1,005 00	4,603	476 18
Fish.....	533	80 05	1,298	110 19	3	0 10
Gypsum.....	485	7 37	4,279	99 30	25	0 84
Iron, Railway.....	17	2 29	3,877	526 89		
“ Pig.....	1,035	205 19	3,911	580 10		
“ all other.....	3,589	555 39	12,102	893 58	258	24 60
Steel.....			9	1 35		
Salt.....	22	3 30	7,925	996 06	366	21 31
Stone, for cutting.....	5,314	1,043 49	3,587	200 99	1,933	193 30
Apples.....	792	38 30	3,296	459 80	491	43 78
Barley.....	10,183	1,612 90	3,389	202 73	1,713	118 22
Corn.....	138,181	27,636 20	9,453	202 40		
Cotton, Raw.....			10	1 20		
Flax and Hemp.....			15	2 15		
Flour.....	22,866	2,600 65	7,278	1,015 67	303	10 10
Hay, Pressed.....	20	4 00	852	46 26	1,198	69 48
Meals, all kinds.....	12,651	2,501 89	665	28 89		
Oil Cake.....	17	3 40	25	0 95		
Oats.....	22,850	4,562 78	2,907	181 73	1,247	41 61
Pease.....	54	10 80	25,208	511 53	1,580	58 03
Potatoes.....	62	1 22	167	20 14		
Rye.....			121	2 42		
Seeds, all kinds.....	109	19 35	8,637	362 89	6	0 20
Tobacco, Raw.....			11	1 33		
Wheat.....	208,798	39,653 25	68,329	1,371 15		
All other Agricultural Pro- ducts, Vegetable.....	617	37 80	810	104 81	99	3 30
Bones.....			1,209	114 55	321	31 30
Cattle.....	2	0 30	545	39 90	57	1 90
Hogs.....			21	2 31		
Hides and Skins, Horns and Hoofs.....	164	32 70	58	5 94	3	0 10
Horses.....	14	1 38	399	29 09	30	1 00
Lard and Lard Oil.....	61	12 20	96	9 40	3	0 10
Meats, other than Pork.....	92	18 40	34	3 81		
Pork.....	821	164 20	502	36 93		
Sheep.....			126	10 72	108	3 60
Tallow.....	734	109 85	77	5 37		

Continued—CANALS.

Amount of Tolls Collected during the Fiscal Year ended 30th June, 1888.

Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.
166,082	632 53	58,541	615 34	16,134	767 30	2,182	71 00
207,330	2,950 77	572	16 01	79,560	1,591 20	2,031	13 50
57,877	1,318 43	92,261	1,074 82				
		12,593	128 59				
431,289	4,901 73	163,967	1,834 76	95,694	2,358 50	4,213	84 50
No.		No.					
14,477	192 18	3,552	124 13				
Tons.		Tons.					
50	1 60	205	5 10				
21	1 90	124	4 03				
6,410	190 41	226	5 29				
2	0 20	200	5 19	1,696	1 696		
10	0 78	35	0 82				
12	1 25	107	5 13				
189	16 50	413	14 97				
15	0 58	1,640	47 15				
36	1 86	1,197	46 29				
652	36 32	6	0 42				
1	0 06	186	4 36				
		67	1 83				
51	3 59	628	17 44	2,094	20 94		
395	38 54	53	1 28				
2	0 16	44	1 22				
		4	0 11				
1,694	116 82	136	3 42				
2,446	170 10	9	0 22				
308	19 89	186	4 78				
2	0 20	25	0 61				
25	2 41	43	1 04				
		1	0 03				
53	5 01	267	6 31				
149	9 22	23	0 57	9,514	95 14		
17	1 41	3	0 15				
561	34 73	4	0 10				
98	6 33						
25	2 47	7	0 32				
215	9 37	16	0 48				
12	0 88	46	1 24				
100	9 24	10	0 24				
158	13 10	213	5 22				
346	23 50	16	0 40				
9	0 74	8	0 29				

APPENDIX A—

No. 38.—STATEMENT of Traffic on the undermentioned

ARTICLES.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 3—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Wool	80	16 00	55	8 07	.....	.....
All other Agricultural Products, Animal .....	.....	.....	252	18 19	24	0 80
Total, Class No. 3	431,935	81,162 95	205,865	9,944 53	19,309	1,588 99
<i>Class No. 4.</i>						
Ashes, Pot and Pearl	85	17 00	132	26 40	.....	.....
Agricultural Implements .....	.....	.....	105	13 27	20	2 00
Crockery and Earthenware	16	2 08	702	137 90	9	0 90
Dye Woods and Dye Stuffs .....	.....	.....	225	16 86	128	12 80
Furniture	67	11 23	804	125 67	6	0 40
Glass, all kinds	30	2 44	545	102 46	.....	.....
Marble	2,858	428 70	30	5 21	.....	.....
Manilla	677	101 55	22	2 60	.....	.....
Molasses	999	149 85	3,776	260 15	2,166	215 00
Nails	172	14 59	3,448	530 52	9	0 30
Oil, in Barrels	667	77 08	2,204	243 54	1,079	105 50
Paint	815	120 17	726	100 75	14	1 20
Pitch and Tar	5	0 75	1,345	96 82	1,015	101 50
Rags	38	6 40	725	88 00	70	7 00
Rosin	2	0 04	1,713	88 80	1,955	195 50
Soda Ash	120	18 00	1,750	319 06	.....	.....
Steel	4,039	605 20	865	156 77	.....	.....
Sugar	10,353	1,501 38	12,121	1,464 75	4,213	420 90
Stone, wrought	602	119 18	176	8 95	.....	.....
Tin	36	0 68	2,431	471 34	.....	.....
Turpentine .....	.....	.....	707	38 90	618	61 80
White Lead	8	0 16	215	42 77	.....	.....
Whiting	271	40 52	352	65 92	.....	.....
Whiskey and all other spirits	232	27 16	1,175	217 10	.....	.....
Merchandise, not enumerated	26,162	3,872 68	13,939	1,937 53	2,190	189 38
Total, Class No. 4	48,254	7,116 84	50,233	6,562 04	13,492	1,314 18
<i>Class No. 5.</i>						
Bark .....	.....	.....	4	0 20	.....	.....
Barrels, empty	256	23 95	227	17 45	.....	.....
Boat Knees .....	.....	.....	4,786	78 61	430	11 40
Floats .....	.....	.....	19,956	624 81	300	10 00
Firewood, in vessels	19,620	872 35	162	3 38	.....	.....
“ in Rafts .....	.....	.....	63,061	3,056 15	92,668	5,361 40
Lumber, Sawn, in Vessels	46,679	7,674 33	231	10 39	.....	.....
“ in Rafts .....	.....	.....	9	0 90	.....	.....
Hoops .....	.....	.....	2,967	61 79	9,661	731 52
Railway Ties, in Vessels	2,596	312 25	.....	.....	.....	.....
“ in Rafts .....	.....	.....	99	1 25	.....	.....
Masts, Spars and Telegraph Poles, in Vessels .....	.....	.....	.....	.....	.....	.....
Masts, Spars and Telegraph Poles, in Rafts .....	.....	.....	21,700	542 50	.....	.....
Square Timber, in Vessels	37,982	5,696 03	2,459	36 67	.....	.....
“ in Rafts	179	18 38	9,167	405 30	52	5 21
Woodenware and Wood, partly manufactured	635	243 00	63	23 50	.....	.....

Continued—CANALS.

Canals, and the Amount of Tolls collected, &c.—*Continued.*

Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.
		4	0 10				
1,577	135 54	980	51 33				
15,641	854 71	7,132	237 48	13,304	133 04		
44	8 36	39	9 98				
21	3 67	148	17 96				
1	0 05	42	5 17				
		5	0 44				
39	5 06	40	4 35				
		20	3 50				
		13	2 26				
2	0 15	70	6 13				
		244	25 42				
2	0 15	209	20 00				
		5	0 62				
		16	1 42				
21	3 81	14	3 12				
		5	0 44				
		9	1 14				
9	1 34	483	48 09				
		17	1 61				
		1	0 09				
		7	0 71				
		25	2 18				
6	0 82	156	14 46				
331	44 83	850	120 78	1,097	10 97		
476	68 24	2,418	289 87	1,097	10 97		
		104	2 44			45	0 75
78	9 31	34	2 27				
28,696	414 72	580	10 15				
45,099	1,582 04	19,932	352 40			9,237	138 02
7,386	82 36						
556,330	44,747 61	48,529	2,137 37	4,510	45 10	1,381	12 34
3,302	198 64	47	1 78				
29	2 53	5	0 19				
289	34 46	5,738	539 37			177	4 79
3,368	295 33	11	1 17				
65	4 40						
7,724	96 23					260	6 03
		3	0 54				

APPENDIX A—

No. 38.—STATEMENT of Traffic on the undermentioned

ARTICLES.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 5—Concluded.</i>		\$ cts.		\$ cts.		\$ cts.
Shingles	35	6 81	82	23 16	45	11 87
Split Posts and Fence Rails, in Vessels.....			8	1 35	8	0 54
Split Posts and Fence Rails, in Rafts.....			2	0 40		
Saw Logs.....	11,092	432 84	15,803	361 16		
Staves and Headings, Barrel " " Pipe ..	18	2 73	118	4 00		
" " W. India..	104	19 22	72	2 26		
" " Salt Barrel	1,049	196 41	440	27 75		
Traverses			10,068	26 15		
Hop Poles.....						
Total, Class No. 5.....	120,245	15,498 30	151,484	5,309 13	103,164	6,131 94
<i>Special Class.</i>						
Coal.....	182,157	35,258 74	150,063	20,406 54	101,638	9,866 12
Kryolite or Chemical Ore...			2,866	143 30		
Iron Ore.....	15,675	783 75				
Stone, unwrought, not suit- able for cutting.....	11,025	1 052 56	9,812	276 90	88	8 80
Ice						
Total, Special Class...	208,857	37,095 05	162,741	20,826 74	101,726	9,874 92
Total Freight and Tolls.....	809,291	154,332 91	570,323	60,592 54	237,691	21,935 37
Timber and other Wood, Free	2,538	116 67	18,140	1,808 68		
Wheat, Corn, Flour, Iron, Salt, Coal, &c., &c., Free	15,471	2,320 65	286,752	10,136 88	319	27 93
Grand Totals, Passen- gers and Tonnage of Vessels not included.	827,300	156,770 23	875,215	72,538 10	238,010	21,963 30

INLAND REVENUE DEPARTMENT.

OTTAWA, 8th September, 1888.

Continued—CANALS.

Canals, and the Amount of Tolls collected, &c.—*Concluded.*

Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.
501	376 05	41	5 71			95	14 41
4	0 16	33	4 39				
1	0 34						
14,471	354 42	822	18 78			2,880	53 90
840	4 45						
		18	2 50				
668,183	48,203 05	75,897	3,079 06	4,510	45 10	14,075	230 24
9	0 15	4,329	145 27	24,621	246 21		
1,125	56 25	1,050	52 50				
		113	2 80			778	5 18
1,134	56 40	5,492	200 57	24,631	246 21	778	5 18
		90,939	5,765 87				
		5,029	132 08				
685,434	54,276 31	95,968	5,897 95	43,532	2,793 82	14,853	319 92

E. MIALL,
Commissioner.

APPENDIX A—

No. 39.—SUMMARY STATEMENT of Traffic on the undermentioned Canals of each description of Property passed through.

ARTICLES.	Welland Canal.		St. Lawrence Canals.		Chamby Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
Vessels of all kinds.....	807,434	\$ 13,285 71 cts.	1,682,879	\$ 15,002 16 cts.	247,766	\$ 2,967 66 cts.
Passengers.....	No. 5,464	174 06	No. 58,079	2,947 94	No. 3,419	57 66
<i>Forest, Produce of Wood.</i>	Tons.		Tons.		Tons.	
Bark.....			4	20		
Boat Knees.....						
Floats.....			4,786	78 61	430	11 40
Firewood.....	19,620	872 35	20,118	628 19	300	10 00
Hoops and Hop Poles.....			9	0 90		
Lumber, Sawed.....	46,679	7,674 33	63,292	3,066 54	92,668	5,361 40
Masts, Spars, &c.....			21,799	543 75		
Railway Ties.....	2,596	312 25	2,967	61 79	9,661	731 52
Saw Logs.....	11,092	432 84	15,803	361 16		
Staves, all kinds.....	1,171	218 36	630	34 01		
Shingles.....	35	6 81	82	23 16	45	11 87
Split Posts and Rails.....			10	1 75	8	0 54
Timber Square.....	38,161	5,714 41	11,626	441 97	52	5 21
Traverses.....			10,068	26 15		
Total.....	119,354	15,231 35	151,194	5,268 18	103,164	6,131 94
<i>Farm Stock.</i>						
Cattle.....	2	0 30	545	39 90	57	1 90
Hogs.....			21	2 31		
Horses.....	14	1 38	399	29 09	30	1 00
Sheep.....			126	10 72	108	3 60
Total.....	16	1 68	1,091	82 02	195	6 50
<i>Produce of Animals.</i>						
Bones.....			1,209	114 55	321	31 30
Horns and Hoofs, Hides and Skins, Raw.....	164	32 70	58	5 94	3	0 10
Lard and Lard Oil.....	61	12 20	96	9 40	3	0 10
Meats, other than Pork.....	92	18 40	34	3 81		
Pork.....	821	164 20	502	36 93		
Tallow.....	734	109 85	77	5 37		
Wool.....	80	16 00	55	8 07		
Agricultural Products not enumerated, Animal.....			252	18 19	24	0 80
Total.....	1,952	353 35	2,283	202 26	351	32 30

Continued—CANALS.

during the Fiscal Year ended 30th June, 1888, showing the Total Quantity and the Amount of Tolls collected thereon.

Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		cts.		\$ cts.
431,289	4,901 73	163,967	1,834 76	75,694	2,358 50	4,213	84 50
No. 14,477	192 18	No. 3,552	124 13	No.		No.	
Tons.		Tons.		Tons.		Tons.	
		104	2 44			45	0 75
28,696	414 72	580	10 15				
52,485	1,664 40	19,932	352 40			9,237	138 02
29	2 53	23	2 69				
559,632	44,946 25	48,576	2,139 15	4,510	45 10	1,381	12 34
65	4 40						
3,657	329 79	5,749	540 54			177	4 79
14,471	354 42	822	18 78			2,880	53 90
501	376 05	41	5 71			95	14 41
5	0 50	33	4 39				
7,724	96 23					260	6 03
840	4 45						
668,105	48,193 74	758 60	3,076 25	4,510	45 10	14,075	230 24
561	34 73	4	0 10				
98	6 33						
215	9 37	16	0 48				
346	23 50	16	0 40				
1,220	73 93	36	0 98				
17	1 41	3	0 15				
25	2 47	7	0 32				
12	0 88	46	1 24				
100	9 24	10	0 24				
158	13 10	213	5 22				
9	0 74	8	0 29				
		4	0 10				
1,577	135 54	980	51 33				
1,898	163 38	1,271	58 89				

APPENDIX A—

No. 39.—SUMMARY STATEMENT of Traffic on

ARTICLES.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Agricultural Products</i>		\$ cts.		\$ cts.		\$ cts.
Agricultural Products not enumerated, Vegetable...	617	37 80	810	104 81	99	3 30
Apples.....	792	38 30	3,296	459 80	491	43 78
Barley.....	10,183	1,612 90	3,389	202 73	1,713	118 22
Cotton, Raw.....			10	1 20		
Corn.....	138,181	27,636 20	9,453	202 40		
Flax and Hemp.....			15	2 15		
Flour.....	22,866	2,600 65	7,278	1,015 67	303	10 10
Hay, Pressed.....	20	4 00	852	46 26	1,198	69 48
Meals, all kinds.....	12,651	2,501 89	665	28 89		
Manilla.....	677	101 55	22	2 60		
Oats.....	22,850	4,562 78	2,907	181 73	1,247	41 61
Pease.....	54	10 80	25,208	511 83	1,580	58 03
Potatoes.....	62	1 22	167	20 14		
Rye.....			121	2 42		
Seeds—Flax, Clover and Grass.....	109	19 35	8,637	362 89	6	0 20
Tobacco, Raw.....			11	1 33		
Wheat.....	208,798	39,653 25	68,329	1,371 15		
Total.....	417,860	78,780 69	131,170	4,518 00	6,637	344 72
<i>Manufactures.</i>						
Ashes, Pot and Pearl.....	85	17 00	132	26 40		
Agricultural Implements.....			105	13 27	20	2 00
Barrels, Empty.....	256	23 95	227	17 45		
Bricks.....	428	62 89	6,221	261 43	4,983	487 64
Cement and Water Lime.....	529	74 15	3,274	468 78	15	1 50
Crockery and Earthenware.....	16	2 08	702	137 90	9	0 90
Furniture.....	67	11 23	804	125 67	6	0 40
Glass, all kinds.....	30	2 44	545	102 46		
Iron, Railway.....	17	2 29	3,877	526 89		
Iron, Pig.....	1,035	205 19	3,911	580 10		
“ all other.....	3,589	555 39	12,102	893 58	258	24 60
Molasses.....	999	149 85	3,776	260 15	2,166	215 00
Nails.....	172	14 59	3,448	530 52	9	0 30
Oil.....	667	77 08	2,204	243 54	1,079	105 50
Oil Cake.....	17	3 40	25	0 95		
Paint.....	815	120 17	726	100 75	14	1 20
Pitch and Tar.....	5	0 75	1,345	96 82	1,015	101 50
Rosin.....	2	0 04	1,713	88 80	1,955	195 50
Soda Ash.....	120	18 00	1,750	319 06		
Spirits, Whiskey, &c.....	232	27 16	1,175	217 10		
Steel.....	4,039	605 20	874	158 12		
Sugar.....	10,353	1,501 38	12,121	1,464 75	4,213	420 90
Tin.....	36	0 68	2,431	471 34		
Turpentine.....			707	38 90	618	61 80
White Lead.....	8	0 16	215	42 77		
Whiting.....	271	40 52	352	65 92		
Woodenware.....	635	243 60	63	23 50		
Total.....	24,423	3,758 59	64,825	7,276 92	16,360	1,618 74

Continued—Canals.

the undermentioned Canals, &c.—*Continued.*

Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.
149	9 22	23	0 57	9,514	95 14		
36	1 86	6	0 42				
652	36 32	186	4 36				
1	0 06	67	1 83				
51	3 59	628	17 44	2,094	20 94		
395	38 54	53	1 28				
2	0 16	44	1 22				
1,694	116 82	136	3 42				
2,446	170 10	9	0 22				
308	19 89	186	4 78				
2	0 20	25	0 61				
25	2 41	43	1 04				
53	5 01	1	0 03				
		267	6 31				
5,814	404 18	1,674	43 53	11,608	116 08		
44	8 36	39	9 98				
21	3 67	148	17 96				
78	9 31	34	2 27				
50	1 60	205	5 10				
21	1 90	124	4 03				
1	0 05	42	5 17				
39	5 06	40	4 35				
		20	3 50				
10	0 78	35	0 82				
12	1 25	107	5 13				
189	16 50	413	14 97				
2	0 15	70	6 13				
		244	25 42				
2	0 15	209	20 00				
		4	0 11				
		5	0 62				
		16	1 42				
		5	0 44				
		9	1 14				
6	0 82	156	14 46				
9	1 34	483	48 09				
		17	1 61				
		1	0 09				
		7	0 71				
		25	2 18				
		3	0 54				
484	50 94	2,461	196 24				

APPENDIX A—

No. 39.—SUMMARY STATEMENT of Traffic on

ARTICLES.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Merchandise.</i>		\$ cts.		\$ cts.		\$ cts.
Crimstone, Crude.....	40	6 00	6	0 23		
Clay, Lime and Sand.....	775	85 26	24,829	1,005 00	4,603	476 18
Coal.....	182,157	35,258 74	150,063	20,406 54	101,638	9,866 12
Dye Woods and Dye Stuffs.....			225	16 86	128	12 80
Fish.....	533	80 05	1,298	110 19	3	0 10
Gypsum.....	485	7 37	4,279	99 30	25	0 84
Ores, all kinds.....	15,675	783 75	2,866	143 30		
Marble.....	2,858	428 70	30	5 21		
Rags.....	38	6 40	725	88 00	70	7 00
Salt.....	22	3 30	7,925	996 06	306	21 31
Stone, all kinds.....	16,941	2,215 23	13,575	486 84	2,021	202 10
All other Goods and Merchandise, not enumerated.....	26,162	3,872 68	13,939	1,937 53	2,190	189 38
Total.....	245,686	42,747 48	219,760	25,295 06	110,984	10,775 83
Grand Totals, Passengers and Tonnage of Vessels not included.....	809,291	154,332 91	570,323	60,592 54	237 691	21,935 37

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

Continued—CANALS.

the undermentioned Canals, &c.—*Concluded.*

Ottawa Canal.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.
6,410	190 41	226	5 29				
9	0 15	4,329	145 27	24,621	246 21		
		5	0 44				
2	0 20	200	5 19	1,696	16 96		
1,125	56 25	1,050	52 50				
		13	2 26				
21	3 81	14	3 12				
15	0 58	1,640	47 15				
		1,310	49 09			778	5 18
331	44 83	850	120 78	1,097	10 97		
7,913	296 23	9,637	431 09	27,414	274 14	778	5 18
685,434	54,276 31	90,939	5,764 87	43,532	2,793 82	14,853	319 92

E. MIALL,
Commissioner.

APPENDIX A—Continued.

No. 40.—STATEMENT of the Amount of Tolls accrued each month during the Fiscal Year ended 30th June, 1888.

Canals and Offices.	1887.						1888.					
	July.	August.	September.	October.	November.	December.	January.	April.	May.	June.	Total.	
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
WELLAND CANAL.												
Chippawa.....	23 26	75 09	13 49	13 88	8 70	3 45	.....	2 20	3 42	10 72	154 21
Colborne.....	19,994 19	15,223 35	13,647 77	11,455 77	11,156 63	211 64	.....	1,537 72	13,250 86	18,137 26	104,815 22
Dalhousie.....	4,314 97	6,418 51	5,713 38	6,234 61	3,806 32	141 81	.....	1,304 89	10,173 50	8,499 55	46,828 17
Dunnville.....	187 01	36 56	0 25	54 59	172 90	7 25	.....	5 25	27 84	86 78	577 43
Matiland.....	3 77	32 33	0 50	0 25	18 48	.....	.....	.....	7 75	3 75	64 83
Robinson.....	151 07	103 39	115 45	161 17	163 12	15 29	.....	76 90	288 90	225 55	1,300 84
St. Catharines.....	88 20	111 24	168 23	86 86	51 54	0 25	.....	58 51	130 74	74 64	790 21
Total, Welland Canal.....	24,962 47	22,000 47	19,659 07	18,027 13	15,378 32	379 72	.....	2,985 47	23,903 01	21,037 25	154,332 91
ST. LAWRENCE CANALS.												
Beauharnois.....	99 82	157 34	155 81	214 67	124 17	.....	.....	.....	51 28	327 35	1,130 44
Cardinal.....	127 14	147 29	92 90	42 01	62 86	6 67	.....	.....	43 54	97 30	613 54
Cornwall.....	2,969 65	3,953 31	2,169 56	1,959 27	1,450 37	.....	.....	.....	880 95	2,362 43	15,752 53
Kingston.....	1,878 36	2,470 59	2,209 59	1,839 65	851 44	0 50	.....	.....	2,257 43	1,502 29	13,049 35
Lachine.....	330 11	526 77	711 65	469 38	326 60	2 09	.....	.....	311 23	336 53	2,914 36
Montreal.....	5,197 47	4,904 87	3,460 22	3,118 21	2,620 07	.....	.....	.....	2,945 41	4,886 37	27,132 62
Total, St. Lawrence Canals	10,602 55	12,160 17	8,799 75	7,703 19	5,435 51	9 26	.....	.....	6,369 84	9,512 27	60,592 54
CHAMBLEY CANAL.												
Chambley.....	819 32	1,124 50	991 25	1,407 15	922 19	.....	.....	.....	224 5	1,424 95	6,913 41
St. John's.....	2,386 92	2,450 64	2,746 92	1,878 20	414 91	.....	.....	.....	2,459 63	2,157 47	14,494 59
St. Ours.....	100 04	71 17	57 15	131 55	55 64	.....	.....	2 65	43 18	65 99	527 37
Total, Chambley Canal.....	3,306 28	3,646 21	3,795 32	3,416 90	1,392 74	.....	.....	2 65	2,726 86	3,648 41	21,935 37

OTTAWA CANALS.											
Ottawa.....	5,952 37	4,828 17	4,993 01	3,747 29	1,996 53				5,625 59	5,701 75	32,842 71
Carillon.....	171 22	47 04	23 19	43 71	62 23				56 72	255 12	688 23
Grenville.....	3,134 52	2,448 26	3,104 77	2,225 50	2,049 76				3,012 01	3,112 00	19,086 82
St. Anne's.....	399 94	244 09	196 14	287 56	97 01				208 58	255 23	1,688 55
Total, Ottawa Canals.....	9,658 06	7,565 56	8,317 11	6,303 06	4,205 53				8,902 90	9,324 10	54,276 31
RIDEAU CANAL.											
Kingsion Mills.....	246 90	237 98	171 96	194 71	86 36				136 97	165 43	1,240 31
Ottawa.....	649 31	839 66	482 28	428 59	242 35				434 77	966 71	4,043 67
Smith's Falls.....	92 73	75 98	54 89	34 20	43 98				98 96	81 15	481 89
Total, Rideau Canal.....	988 94	1,153 62	709 13	657 50	372 69				670 70	1,213 29	5,765 87
ST. PETER'S CANAL.											
St. Peter's.....	245 91	285 93	270 20	359 33	205 78		2 69	1 84	399 77	265 92	2,783 82
NEWCASTLE DISTRICT CANALS.											
Bobcaygon.....	54 58	49 24	39 98	19 60					5 70	35 82	204 92
Peterborough.....	6 00	16 50	22 00	12 50	2 00				11 00	16 50	86 50
Hastings.....	5 00	6 50	11 50	4 50						1 00	28 50
Total, Newcastle District Canals.....	65 58	72 24	73 48	36 60	2 00				16 70	53 32	319 92
Grand Totals.....	49,829 78	46,894 20	41,624 06	36,503 71	26,992 57	1,135 43	2 69	2,989 96	42,989 78	51,054 56	309,016 74

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A--Continued--CANALS.

No. 41.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through all the Canals, during the Fiscal Year ended the 30th June, 1888, and the Amount of Tolls collected thereon.

VESSELS.	Total Number	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<i>Welland Canal.</i>													
Canadian Vessels, steam sail...	813	59,919	58,704	48,281	2,729	302	.....	8,248	64,761	116,750	126,194	242,944	3,218 75
do	1,224	51,128	50,881	52,019	5,774	.....	.....	19,706	66,971	122,953	123,626	246,579	4,496 47
Total Canadian	2,037	111,047	109,585	100,300	8,503	302	.....	27,954	131,732	239,703	249,820	489,523	7,715 22
<i>United States Vessels, steam.</i>													
United States Vessels, steam sail.....	304	127	78	1,639	482	100,227	97,442	459	3,726	102,452	101,728	204,180	3,059 15
<i>United States Vessels, sail.</i>													
United States Vessels, sail.....	388	532	360	3,130	1,127	51,676	42,896	468	13,542	55,806	57,925	113,731	2,511 34
Total United States..	692	659	438	4,769	1,609	151,903	140,338	927	17,268	158,258	159,653	317,911	5,570 49
Grand Total, Welland Canal	2,729	111,706	110,023	105,069	10,112	152,205	140,338	28,881	149,000	397,961	403,473	807,434	13,285 71
<i>St. Lawrence Canals.</i>													
Canadian Vessels, steam sail...	3,141	345,439	298,749	16,266	56	.....	.....	35	1,940	361,740	300,745	662,485	4,275 97
do	5,390	512,627	347,170	26,443	1,477	.....	.....	567	38,578	539,637	387,225	926,862	9,970 80
Total Canadian....	8,531	858,066	645,919	42,709	1,533	.....	.....	602	40,518	901,377	687,970	1,589,347	14,246 77
United States Vessels, steam.....	439	674	337	1,267	74	7,839	7,162	.....	1,193	9,760	8,766	18,546	137 71

United States Vessels, sail.....	774	683	8,057	2,843	7,488	1,608	1,529	49,440	3,338	54,574	20,412	74,986	617 68
Total United States..	1,213	1,257	8,394	4,110	7,562	9,447	8,691	49,440	4,631	64,554	29,178	93,532	755 39
Grand Total, St. Lawrence Canals.....	9,744	859,423	654,313	46,819	9,095	9,447	8,691	50,042	45,049	965,731	717,148	1,682,879	15,002 16
<i>Chambly Canal.</i>													
Canadian Vessels, steam do sail...	338	28,541	29,877	.....	.....	.....	.....	.....	961	28,541	30,838	59,379	187 36
Total Canadian...	683	8,800	8,800	12,038	.....	.....	.....	.....	31,401	20,631	40,201	60,832	986 98
United States Vessels, steam.....	991	37,134	38,677	12,038	.....	.....	.....	.....	32,362	49,172	71,039	120,211	1,174 34
United States Vessels, sail.....	5	171	.....	7	.....	.....	.....	.....	23	178	23	201	2 07
Total United States..	1,315	296	2,702	33,696	.....	.....	.....	.....	90,660	33,892	93,362	127,354	1,791 25
Grand Total, Chambly Canal.....	2,311	37,601	41,379	45,741	.....	.....	.....	.....	123,045	83,342	164,424	247,766	2,967 66
<i>Ottawa Canals.</i>													
Canadian Vessels, steam do sail...	984	55,201	109,959	.....	922	.....	.....	.....	.....	55,201	110,881	166,082	632 53
Total Canadian.....	1,754	12,020	171,720	.....	23,497	.....	.....	93	.....	12,113	195,217	207,330	2,950 77
United States Vessels, steam.....	2,738	67,221	281,679	.....	24,419	.....	.....	93	.....	67,314	306,088	373,412	3,583 30
United States Vessels, sail.....	588	10,554	1,305	.....	45,124	.....	.....	894	.....	11,448	46,439	57,877	1,318 43
Total United States..	3,326	77,775	282,984	.....	69,543	.....	.....	987	.....	78,762	352,527	431,289	4,901 73
<i>Rideau Canal.</i>													
Canadian Vessels, steam do sail...	1,179	29,765	28,650	126	.....	.....	.....	.....	.....	29,891	28,650	58,541	615 34
Total Canadian.....	2,420	74,128	75,937	737	.....	.....	.....	.....	.....	44,974	47,287	92,261	1,074 82

APPENDIX A—Continued—CANALS.
No. 41.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels, &c.—Concluded.

VESSELS.	Total Number	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<i>Rideau Canal—Con.</i>													
United States Vessels, steam.....	63	292	280							292	280	572	16 01
United States Vessels, sail.....	115	4,066	8,339	188						4,254	8,339	12,593	128 59
Total United States..	178	4,358	8,619	188						4,546	8,619	13,165	144 60
Grand Total, Rideau Canal.....	2,598	78,486	84,556	925						79,411	84,556	163,967	1,834 76
<i>St. Peter's Canal.</i>													
Canadian Vessels, steam do sail...	146	8,443	7,561					130		8,573	7,561	16,134	767 30
Total St. Peter's Canal.	1,815	47,393	48,084					217		47,610	48,084	95,694	2,458 50
<i>Newcastle District Canals.</i>													
Canadian Vessels, steam do sail...	135	1,619	563							1,619	563	2,182	71 00
Total Newcastle District Canals.....	155	3,150	1,063							3,150	1,063	4,213	84 50

RECAPITULATION.

CANADIAN VESSELS.												
<i>Steam and Sail.</i>												
Welland	2,037	111,047	100,585	100,300	8,503	302	27,954	131,732	239,703	249,820	480,523	7,715 22
St. Lawrence	8,531	858,066	645,919	42,709	1,533	.....	602	40,518	901,377	687,970	1,589,347	14,246 77
Chambly	991	37,134	38,677	12,038	.....	.....	.....	32,362	49,172	71,030	120,211	1,174 34
Ottawa	2,738	67,221	281,679	.....	24,419	.....	93	.....	67,314	306,098	373,412	3,533 30
Rideau	2,430	74,128	75,937	737	.....	.....	.....	.....	74,865	75,937	150,802	1,600 16
St. Peter's	1,815	47,393	48,084	.....	.....	.....	217	.....	47,610	48,084	95,694	2,338 50
Newcastle District Canals	155	3,150	1,063	.....	.....	.....	.....	.....	3,150	1,063	4,213	84 50
Total Canadian	18,687	1,198,139	1,200,944	165,784	34,455	302	28,866	204,612	1,383,191	1,440,011	2,823,262	30,852 79
UNITED STATES VESSELS.												
<i>Steam and Sail.</i>												
Welland	692	659	438	4,769	1,609	151,903	140,338	17,268	158,258	159,653	317,911	5,570 40
St. Lawrence	1,213	1,357	8,394	4,110	7,562	9,447	8,691	4,531	64,354	29,178	93,532	755 39
Chambly	1,370	467	2,702	33,703	.....	.....	.....	90,683	34,170	93,385	127,555	1,793 32
Ottawa	588	10,554	1,305	.....	45,124	.....	.....	894	11,448	46,429	57,877	1,318 43
Rideau	178	4,358	8,619	188	.....	.....	.....	.....	4,546	8,619	13,165	144 60
St. Peter's .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newcastle District Canals	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total United States	3,991	17,395	21,458	42,770	52,295	161,350	149,029	112,482	272,776	337,264	610,040	9,582 23
Grand Total, Canadian and United States	22,678	1,215,534	1,222,402	198,554	86,750	161,652	149,029	327,094	1,655,967	1,777,275	3,433,242	40,435 02

E. MIALL,
Commissaire.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX X—Continued—CANALS.

No. 43—COMPARATIVE STATEMENT of the Tonnage of Vessels and Goods passed through the Canals during the Fiscal Years ended 30th June, 1885, 1886, 1887 and 1888.

PROPERTY AND VESSELS.	Welland Canal.			St. Lawrence Canals.			Chamby Canal.					
	1885.	1886.	1887.	1888.	1885.	1886.	1887.	1888.	1885.	1886.	1887.	1888.
Tonnage of Property, Up.....	332,264	314,936	262,978	273,484	120,360	139,966	162,247	186,278	83,418	86,140	81,390	106,421
do Down.....	494,597	599,542	561,984	553,816	364,782	408,604	422,002	384,045	108,267	113,283	105,731	131,270
Total Tonnage of Property, Up and Down.....	826,861	914,478	824,962	827,300	485,142	548,570	584,249	571,323	191,685	199,423	187,121	237,691
Tonnage of Vessels, Up.....	367,671	401,503	413,515	397,961	878,966	969,227	939,464	965,731	79,749	85,255	75,830	83,342
do Down.....	382,520	422,511	423,480	403,473	648,194	687,809	721,456	717,148	170,121	155,230	144,938	164,424
Total Tonnage of Vessels, Up and Down.....	750,191	824,014	836,995	407,434	1,526,160	1,657,036	1,720,920	1,642,879	249,870	238,485	220,828	247,766
Grand Total Tonnage of Property and Vessels, Up and Down.....	1,577,152	1,738,492	1,661,957	1,204,734	2,011,302	2,205,606	2,305,169	2,254,202	441,555	437,908	407,949	485,457

PROPERTY AND VESSELS.	Burlington Bay Canal.		Ottawa Canals.				Rideau Canal.					
	1885.	1886.	1887.	1888.	1885.	1886.	1887.	1888.	1885.	1886.	1887.	1888.
Tonnage of Property, Up.....	53,431	43,674			1,033	387	2,541	414	57,832	71,644	72,884	74,967
do Down.....	18,498	9,102			638,608	731,023	744,683	685,020	12,445	16,717	12,172	15,972
Total Tonnage of Property, Up and Down.....	71,929	52,776			639,641	731,410	747,224	685,434	70,277	88,361	85,056	90,939
Tonnage of Vessels, Up.....	67,870	40,537			90,909	80,776	92,174	78,762	54,000	58,157	69,345	79,411
do Down.....	66,973	38,093			348,769	377,555	385,587	352,527	63,487	72,286	72,235	84,556
Total Tonnage of Vessels, Up and Down.....	134,843	78,630			440,678	458,331	477,763	431,289	117,487	130,443	141,580	163,967
Grand Total Tonnage of Property and Vessels, Up and Down.....	206,772	131,406			1,080,319	1,189,741	1,224,987	1,116,723	187,764	218,804	226,636	254,06

Tolls abolished, Act 49 Vic., chap. 32

E. MIALI,
Commissioner.

DEPARTMENT OF INLAND REVENUE,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued—CANALS.

No. 44.—COMPARATIVE STATEMENT showing the Quantity of each Article transported on the Canals, during the Fiscal Years ending 30th June, 1887 and 1888, and the Tolls collected thereon,

ARTICLES.	1887.		1888.	
	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.
Ashes, Pot and Pearl.....	326	65 20	300	61 74
Apples.....	3,863	472 93	4,621	544 16
Agricultural Products, not enumerated, Vegetable.....	7,998	205 80	11,212	250 84
Agricultural Products, not enumerated, Animal.....	3,357	298 25	2,833	205 86
Agricultural Implements.....	461	63 43	294	36 90
Barley.....	8,220	543 14	16,123	1,974 53
Bricks.....	3,913	211 62	11,887	818 66
Bones.....	1,139	105 51	1,550	147 41
Brimstone, Crude.....		46	46	6 23
Cement and Water Lime.....	7,085	617 36	3,963	550 36
Clay, Lime and Sand.....	28,888	1,545 09	36,843	1,762 14
Coal.....	444,263	67,119 94	462,817	65,923 03
Corn.....	169,707	32,957 87	147,702	27,840 49
Cattle.....	1,189	72 90	1,169	76 93
Cotton, Raw.....	21	2 85	10	1 20
Crockery and Earthenware.....	482	84 03	770	146 10
Dye Woods and Dye Stuffs.....	492	37 83	358	30 10
Fish.....	2,309	117 43	3,732	212 69
Flax and Hemp.....	3	0 36	15	2 15
Flour.....	36,307	3,760 44	33,220	3,668 39
Furniture.....	970	150 40	956	146 71
Gypsum.....	4,687	70 22	4,789	107 51
Glass, all kinds.....	903	165 27	595	108 40
Hay, Pressed.....	1,451	73 15	2,518	159 56
Hogs.....	107	7 79	119	8 64
Horses.....	686	43 34	674	41 32
Hides and Skins, Horns and Hoofs.....	416	77 06	257	41 53
Ice.....				
Iron, Railway.....	9,346	1,059 25	3,939	530 78
“ Pig.....	6,930	1,017 53	5,065	791 67
“ all other.....	10,369	1,017 51	16,560	1,506 39
Iron Ore.....	32,177	1,608 85	15,675	783 75
Kiyolite Chemical Ore, and other Ore, except Iron.....	2,197	109 85	5,041	252 05
Lard and Lard Oil.....	203	19 08	218	23 82
Meal, all kinds.....	11,272	2,120 75	13,362	2,532 16
Meats, other than Pork.....	213	30 90	236	31 69
Marble.....	2,923	439 13	2,901	436 17
Manilla.....	806	118 65	699	104 15
Molasses.....	2,761	309 12	7,003	631 28
Nails.....	4,026	661 97	3,873	570 83
Oats.....	23,089	1,844 75	28,834	4,906 36
Oil, in Barrels.....	3,152	372 65	4,161	446 27
Oil Cake.....	8	0 62	46	4 46
Pease.....	48,704	1,432 90	29,297	750 98
Potatoes.....	783	47 62	723	46 03
Pork.....	1,984	275 63	1,694	219 45
Paint.....	1,021	145 58	1,560	222 74
Pitch and Tar.....	2,353	198 61	2,381	200 49
Rags.....	973	109 57	868	108 33
Rye.....	3,551	138 63	148	3 23
Rosin.....	4,096	299 20	3,675	284 78
Salt.....	11,627	1,325 77	9,908	1,068 40
Stone intended for cutting.....	11,894	1,296 76	12,031	1,484 07
“ wrought.....	1,661	202 22	778	128 13
“ not suitable for cutting, unwrought.....	20,689	1,544 11	21,816	1,346 24

APPENDIX A—Continued—CANALS.

No. 45.—COMPARATIVE STATEMENT showing the Quantity, &c.—Concluded.

ARTICLES.	1887.		1888.	
	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.
Seeds, all kinds.....	3,375	168 43	8,820	385 89
Sheep.....	861	51 32	596	38 22
Soda Ash.....	1,655	318 59	1,879	338 20
Steel.....	2,627	394 87	4,904	761 97
Sugar.....	28,833	3,717 30	27,189	3,436 46
Spirits.....	1,648	283 42	1,569	259 54
Tobacco, Raw.....	44	7 06	12	1 36
Tallow.....	858	128 41	828	116 25
Tin.....	472	80 92	2,484	473 63
Turpentine.....	1,040	82 39	1,326	100 79
Wheat.....	262,102	32,080 24	277,447	41,035 72
White Lead.....	346	66 39	230	43 64
Whiting.....	469	75 79	648	108 62
Wool.....	866	169 73	139	24 17
All other Goods and Merchandise, not enumerated.....	37,302	5,154 38	44,569	6,176 17
Bark.....	74	5 58	153	3 89
Barrels, Empty.....	899	114 84	595	52 98
Boat Knees.....				
Floats.....	30,738	399 91	34,492	514 88
Firewood, in Vessels.....	113,857	3,584 28	114,144	3,579 62
" Rafts.....	5,226	70 56	7,548	85 74
Hoops.....	37	3 44	43	3 62
Hop Poles.....	82	7 88	18	2 50
Lumber, Sawn, in Vessels.....	862,693	69,722 78	813,158	63,034 30
" " Rafts.....	5,095	157 89	3,580	210 81
Masts, Spars and Telegraph Poles, in Vessels.....	197	18 51	99	1 25
" " " Rafts.....	31,140	655 36	21,765	546 90
Railway Ties, in Vessels.....	15,230	1,479 81	21,428	1,684 18
" " Rafts.....	1,929	218 49	3,379	296 50
Saw-Logs.....	38,257	1,007 77	45,068	1,221 10
Staves and Headings, Barrel.....	83	13 12	136	6 73
" " Pipe.....	442	82 59	176	21 48
" " West India.....	676	121 89	1,489	224 16
Staves, Salt Barrel.....	104	10 38		
Shingles.....	1,391	611 95	799	438 01
Split Posts and Fence Rails, in Vessels.....	74	9 31	53	6 44
" " Rafts.....	249	14 30	3	0 74
Timber, Square, in Vessels.....	49,707	7,353 54	40,441	5,732 70
" " Rafts.....	10,707	276 26	17,382	531 15
Traverses.....	12,062	36 66	10,908	30 60
Woodenware and Wood, partly manufactured.....	1,246	458 20	701	267 04
Totals—Passengers and Tonnage of Vessels not included.....	2,470,744	255,870 06	2,452,063	256,085 73
Passengers—Total Number.....	80,149	3,403 37	84,991	3,495 99
Vessels—Tonnage.....	3,461,330	40,604 84	3,433,242	40,435 02
Total Tolls Collected.....		299,878 27		300,016 74
Total Tolls Free.....		14,063 72		14,542 89
Gross Total Tolls.....		313,941 99		314,559 63

E. MIALL,

Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888

APPENDIX A.

No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, and the Amount of Revenue collected during the Season of Navigation in 1887.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
	Ashes, Pot and Pearl	21										
Apples	765							85			792	39 30
Agricultural Products not enumerated, Vegetable...												
Agricultural Products not enumerated, Animal...												
Agricultural Implements											618	38 00
Barley												
Bricks	10		7,840		23	1,709					7,863	1,571 45
Bones											428	62 89
Brimstone												
Cement and Water Lime	42				40						40	6 00
Clay, Lime and Sand					474						5 6	73 19
Coal		780			127						908	106 71
Corn		50			81,617	1,163					30,244	27,817 55
Cattle		654				89,431					114,938	22,937 60
Cotton, Raw											2	0 30
Crocery and Earthenware	4											
Dye Wood and Dye Stuffs												
Fish					352						352	53 20
Flax and Hemp												
Flour	9	12,045				11,780					23,949	2,681 85
Furniture	5										43	13 52
Gypsum					17						73	1 87
Glass, all kinds											150	0 73
Hay, Pressed	28										30	
Hog												
Horses											11	1 85

	107	565	2	39	565	148	713	268 95
Woodenware and Wood partly manufactured.....	19,989	75,347	18,557	231,873	227,856	635,204	783,080	131,360 £6
Total Freight-paying Tolls	29,393	151,074	189,427	34,490	565	148	713	268 95
<i>Free Articles, having paid Full Tolls on the St. Lawrence Canals:—</i>								
Agricultural Products, not enumerated, Animal.....	3						8	
Bricks.....	3						3	
Cement and Water Lime.....	1,244				1,740		1,740	
Clay, Lime and Sand.....	134				131		134	
Crockery and Earthenware.....	114				164		164	
Dye Woods and Dye Stuffs.....	4				4		4	
Fish.....	5				95		95	
Furniture.....	11				1		1	
Glass, all kinds.....	42				53		53	
Iron, Railway.....	153				153		153	
" " Pig.....	357				368		368	
" " all other.....	85				1,997		1,997	
Lard and Lard Oil.....	3				3		3	
Manilla.....	5				5		5	
Molasses.....	1				1		1	
Nails.....	83				147		147	
Oil.....	24				28		28	
Paint.....	13				80		80	
Pitch and Tar.....	1				1		1	
Polishes.....	4				4		4	
Rags.....	62				62		62	
Salt.....	311				4,197		4,197	
Soda Ash.....	8				1,116		1,116	
Steel.....	415				423		423	
Sugar.....	57				207		207	
Spirits.....	29				287		287	
Tobacco, Raw.....	172				1		1	
Turpentine.....	1				1		1	
White Lead.....	4				2,225		2,225	
Whiting.....	71				7		7	
Wool.....	4				4		4	
All other Merchandise not enumerated.....	168				557		557	

APPENDIX A—Continued.
 No. (A) 26.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
<i>Timber passed free from Wal-land to Port Robinson.....</i>		783									783	
Grand Total.....	23,819	76,136	32,518	18,567	151,074	189,421	34,490	251,873	241,931	535,987	777,918	
Total Tolls: Vessels 13,020 66 " " Passengers..... 180 21 " " Free Goods \$2,149 31 Fines 5 00 Total Revenue, exclusive of Hydraulic Rents 144,563 75												

E. MIALL,
 Commissioner.

INLAND REVENUE DEPARTMENT,
 OTTAWA, 26th March, 1888.

APPENDIX A—Continued.
 No. (A) 27.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the Welland Canal, and the Amount of Tolls collected thereon, during the Season of Navigation in 1887

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up. \$ cts.	Amount of Tolls Down. \$ cts.	Total Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, Pot and Pearl.....		6									91	18 20	18 20	18 20
Apples.....							85	27			27	5 40	5 40	5 40
Agricultural Products not enumerated, Vegetable.....											2		0 40	0 40
Agricultural Products not enumerated, Animal.....														
Mal.....														
Agricultural Implements			4		9				4		9	0 60	1 80	2 40
Harley.....			7,840		23	1,709			7,863	1,709	9,572	1,179 46	311 80	1,521 26
Bricks.....														
Bones.....														
Crystalline.....														
Clay, Lime and Sand.....														
Coal.....														
Corn.....														
Cattle.....														
Cotton, Raw.....														
Crockery and Earthen-ware.....														
Dye Wood and Dye Stuff.....														
Fish.....														
Flax and Hemp.....														
Floor.....														
Furniture.....														
Gypsum.....														
Glass, all kinds.....														
Hay, Pressed.....														

APPENDIX A—Continued.
 No. (A) 27—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up. \$ cts.	Amount of Tolls Down. \$ cts.	Total of Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Hogs											11	1 05	31 00	1 85
Horses											15	2 25		2 25
Hides and Skins, Horns and Hoofs.											1,484	62 05	237 40	279 45
Ice											4,116	617 85	1 40	6 9 25
Iron, Railway											13,866	693 30		693 30
" " Pig														
" " all other														
Iron Ore														
K yolite Chemical Ore and other Ore, except Iron														
Lard and Lard Oil														
Lead all kinds														
Meats, other than Pork.														
Marble														
Manilla														
Molasses														
Nails														
Oats														
Oil, in Barrels														
Oil Cake.														
Pease														
Potatoes														
Pork														
Paint														
Pitch and Tar														
Rags														
Rye														
Resin														
Salt														

Spars Intended for Out- ting	1,080	77	2,481 555	77	3,581 555	2,608 555	11 55	703 20 111 00	717 75 111 00
Stone wrought									
" not suitable for Outting, unwrought									
Seeds, all kinds		4	14,618	49	48	14,618	1,461 83	9 60	1,461 83
Sheep							18 00		18 00
Soda Ash		170	4,661	4,661		4,661	699 15		699 15
Steel		16,303	16,303	16,303	16	16,224	2,431 20	3 20	2,431 40
Sugar	5	16	99	16	162	178	2 40	32 40	34 80
Spirits, Beer, &c.									
Tobacco, Raw									
Tallow		630		630		630	94 50		94 50
Tin									
Turpentine									
Wheat	21,375	37,678	143,628	1	202,681	202,681	0 15	40,536 20	40,536 20
White Lead	1					1			0 15
Whiting									
Wool	9	86	9	86	95	95	1 35	17 20	18 55
All other Goods and Mer- chandise not enume- rated	43	17	19,986	6	683	20,797	3,020 10	13 60	3,152 70
Ba-k.									
Barrels, Empty		24	88	24	112	112		21 36	21 96
Boat Knees									
Floats									
Fire Wood, in Vessels									
" Rafts									
Hoops									
Hop Poles									
Lumber, sawd, in Vessels	14,858	29,845	8,817		53,550	53,550		9,631 52	9,631 52
" Rafts									
Masts, Spars and Tele- graph Poles, in Vessels									
Masts, Spars and Tele- graph Poles, in Rafts									
Railway Ties, in Vessels	449		449			449	71 75		71 75
" Rafts									
Saw Logs									
Staves and Headings, bri- " pipe		27	27		27	27		4 22	4 22
" " W. India		113	113		113	113		20 98	20 98
Staves, salt barrel		969	969		969	969		181 63	181 63
Shingles									
Split Posts and Fence Rafts, in Vessels									
Split Posts and Fence Rafts, in Rafts									

APPENDIX A—Continued.
No. (A) 27.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Timbersquare, in Vessels												\$ cts.	\$ cts.	\$ cts.
" Rafts		7,593						28,148		35,741	35,741		5,360 40	5,360 40
Traverses														
Woodenware and Wood partly manufactured		7			665	2		39		665	48	236 00	19 20	245 20
Total Freight paying Tolls	72	81,304	21,731	14,888	151,074	189,427	26,781	244,040	199,661	479,659	679,320	32,396 93	93,059 71	126,456 64
<i>Free Articles having paid Full Tolls on the St Lawrence Canal:—</i>														
Agricultural Products, not enumerated,														
Animal			3							3				
Bricks			3							3				
ement and Water Lime.	496		1,244							1,740				
Clay, Lime and Sand			134							134				
Crockery and Earthenware	50		114							164				
Dye Wood and Dye Stuffs			4							4				
Fish	5		90							95				
Furniture			1							1				
Glass, all kinds	11		42							53				
Iron, Railway	163		357							163				
" Pig	11		85							88				
" All other.	1,912									1,997				

APPENDIX A—Continued.

No. (A) 23.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the Welland Canal, and the Amount of Tolls collected thereon during the Season of Navigation in 1887.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....												
Apples.....		15							15		15	2 63
Agricultural Products, not enumerated, Vegetable, not enumerated, Animal.....		765							76		785	32 90
Agricultural Implements.....											616	37 60
Barley.....		2							2		2	0 20
Bricks.....	10									428	28	62 59
Bones.....												
Blimestone.....												
Cement and Water Lime.....	4								42		780	87 51
Clay, Lime and sand.....		780							6,557	3,113	9,670	712 95
Coal.....		50										
Corn.....												
Cattle.....												
Cotton, Raw.....												
Grocery and Earthenware.....	4								4		4	0 08
Dye Wood and Dye Stuffs.....												
Fish.....												
Flax and Hemp.....		12,045									12,045	301 50
Flour.....												
Furniture.....	6								6		6	0 22
Gypsum.....												
Glass, all kinds.....	19										150	1 87
Hay, Pressed.....										29	29	0 58
Hops.....												

Commodity	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Hides and Skins, Horns and Hoofs																		
Ice	1,336	100 09																
Iron, Railway	10	0 19																
" Pig	16	0 60																
" all other																		
Iron Ore																		
Kyanite, Chemical Ore and other Ore, except Iron																		
Lard and Lard Oil	134																	
Meal, all kinds	2	3 74																
Mats, other than Pok																		
Marble																		
Manilla																		
Molasses	117	3 27																
Nails																		
Oats	35	5 51																
Oil, in barrels	2																	
Oil Cake	180	9 00																
Pease	6	1 64																
Potatoes																		
Pork	21	0 42																
Paint																		
Pitch and Tar																		
Rags																		
Rye	2	0 04																
Ruin																		
Salt	2																	
Stone, intended for cutting	2	81 99																
" wrought		8 58																
" not suitable for cutting																		
Seeds, all kinds	578	65 50																
Sheep																		
Soda Ash	8	0 76																
Steel	381	7 34																
Sugar	23	3 11																
Spirits, Beer, &c	103																	
Tobacco, Raw																		
Tallow	36	0 68																
Tin																		
Turpentine	10,697	1,613 70																
Wheat	7	0 14																
White Lead	1	0 02																
Whiting																		
Wool																		

APPENDIX A—Continued
No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported,
&c.—Concluded.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
All other Goods and Merchandise not enumerated												\$ cis.
Bark	491	301							491	301	792	26 65
Barrels, Empty		2		136						136	136	3 36
Boat Keels												
Floats												
Firewood, in Vessels	1,980	15,774							1,980	15,774	17,754	789 91
" Rafts												
Hoops												
Hop Poles												
Lumber, sawn, in Vessels	3,834	3,716		9					3,834	3,725	7,559	433 87
" Rafts		25								25	25	4 50
Masts, Spars, and Telegraph Poles, in Vessels												
Masts, Spars, and Telegraph Poles, in Rafts												
Railway Ties, in Vessels		1,521		190						1,711	1,711	161 80
" Rafts	35	4,542		2,434					325	6,976	7,301	315 11
Saw Logs												
Staves and Heading, Barrel												
" " Pipe												
" " W India												
Staves, Salt Barrel												
Shingles												
Split Posts and Fence Rails, in Vessels	21								21		21	1 87
Split Posts and Fence Rails, in Rafts												
Timber, Square, in Vessels												

	38	18	38	18	56	56
Traverses	100	100	100	100	100	28 75
Woodenware and Wood partly manufactured	41,043	66	7,833	56,546	83,740	4,901 22
Total Freight paying Tolls	19,877	66	7,706	28,195	83,740	
Timber passed Free from Wel- lend to Port Robinson	783	66	7,833	783	783	
Grand Total Freight	19,827	66	7,706	28,195	84,523	
Total Way Tolls on Vessels						
Passengers						1,278 62
Free Goods						55 36
Total Way Tolls						
						6,238 20

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT.
OTTAWA, 26th March, 1888.

APPENDIX A—Continued.

No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, and the Amount of Revenue collected during the Season of Navigation in 1887.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl	120								120		120	24 00
Apples	49	3,186							49	3,246	3,295	459 50
Agricultural Products, not enumerated, Vegetable	519	375	2	120					521	395	916	1 9 93
Agricultural Products, not enumerated, Animal	121	126	1	189					122	315	437	43 83
Barley	801								105	9	114	14 19
Bricks	3,319	370	242	836			20		1,623	2,883	3,646	207 91
Bones	181	138		791			1,437		4,796	330	5,126	227 77
Brimstone									181	929	1,110	108 04
Cement and Water Lime	2,304	8	1,069						6		6	0 23
Clay, Lime and Sand	13,323	6,573	134						3,388	8	3,396	484 83
Coal	30	57,118							16,333	6,870	23,203	852 91
Corn	45	9,541			12	1,893			12	145,501	145,513	19,761 89
Cattle		498				4			30	9,517	9,547	184 03
Cotton, Raw	643		112						45	498	543	39 59
Crockery and Earthenware	70								755	13	768	150 13
Dye Wood and Dye Stuffs	1,273	86					250		320	3	323	22 38
Fish	16								1,223	86	1,309	111 43
Flax and Hemp	556	7,817					36		15		15	2 25
Furniture	175	620			1				555	7,887	8,442	1,217 52
Gypsum	3,372	516							176	611	787	124 66
Glass, all kinds	593	37	26						3,372	516	3,888	75 08
Hay, Pressed	13	37			81		3		627	40	667	125 20
Hogs	183								564	35	601	26 21
Horses	75	290							13	25	38	3 45
Hides and Skins, Horns and Heads	9	19		24					75	290	365	37 20
									12	42	54	5 43

Iron	322	183	322	183	466	2,467	322	2,789	378 03
Iron, Railway	2,314	353	30	353	.....	2,139	30	2,169	314 56
" Pig	1,783	88	340	88	.....	11,600	419	12,019	941 01
" all other	11,016	.....	73	.....	.....	.....	.....	.....	.....
Iron Ore	2,998	.....	.....	.....	.....	.....	2,998	2,998	149 90
Kryolite Chemical Ore and other Ore, except Iron	14	.....	47	.....	.....	14	47	61	4 73
Lard and Lard Oil	49	.....	118	.....	.....	49	118	167	9 98
Meat, all kinds	20	.....	4	.....	.....	20	4	24	2 57
Meats, other than Pork	27	.....	.....	.....	.....	27	.....	27	4 82
Marble	5	.....	18	.....	.....	5	18	23	2 80
Manilla	1,495	.....	126	.....	.....	3,548	126	3,674	253 17
Molasses	2,271	.....	539	.....	2,052	2,306	839	3,145	488 97
Nails	2,058	.....	35	.....	.....	2,053	7,714	3,705	370 56
Oats	814	.....	276	.....	28	1,656	301	1,956	218 78
Oil, in Barrels	1	.....	25	.....	.....	.....	25	26	1 01
Oil Cake	33,434	.....	.....	.....	.....	33,434	.....	33,532	680 61
Pease	98	.....	45	.....	.....	132	46	178	21 49
Potatoes	132	.....	167	.....	.....	211	167	378	78 20
Pork	211	.....	61	.....	45	545	183	728	108 55
Paint	445	.....	183	.....	994	1,348	109	1,457	91 13
Pitch and Tar	245	.....	109	.....	8	477	161	638	83 15
Rags	407	.....	16	.....	.....	.....	.....	.....	.....
Rye	127	.....	275	.....	.....	137	2,695	2,772	34 41
Rice	25	.....	27	.....	.....	1,656	217	1,873	97 04
Resin	25	.....	30	.....	.....	8,287	34	8,321	1,060 08
Salt	4,072	.....	4,072	.....	4	2,049	1,610	3,659	204 65
Store intended for Cutting	238	.....	1,033	.....	1,791	577	.....	.....	.....
" wrought	438	.....	1	.....	.....	1,014	1	1,015	162 35
" not suitable for Cutting, unwrought	705	.....	.....	.....	.....	.....	.....	.....	.....
Seeds, all kinds	5,092	.....	120	.....	374	610	.....	.....	.....
Sheep	583	.....	.....	.....	.....	.....	.....	.....	.....
Soda Ash	808	.....	.....	.....	.....	.....	.....	.....	.....
Steel	7,416	.....	1,225	.....	152	1,980	3	1,983	263 60
Sugar	748	.....	49	.....	4,625	812	70	882	160 81
Spirits, Brer. &c.	2	.....	231	.....	.....	12,127	49	12,176	1,480 53
Tabacco, Raw	2	.....	6	.....	.....	960	292	1,252	231 29
Tallow	529	.....	4	.....	.....	.....	.....	.....	.....
Tin	16	.....	1,615	.....	.....	.....	.....	.....	.....
Turpentine	22,522	.....	.....	.....	.....	2,148	42	2,190	425 20
Wheat	228	.....	65,464	.....	687	703	16	719	38 31
White Lead	415	.....	.....	.....	.....	22,622	.....	87,916	1,764 28
Whiting	50	.....	.....	.....	.....	228	.....	249	45 68
Wool	10,105	.....	176	.....	.....	416	25	440	83 88
All other Goods and Merchandise not enumerated	48	.....	.....	.....	.....	50	1	51	7 65
Bank	.....	.....	2,993	.....	769	155	.....	14,981	2,020 66
Barrels, Empty	.....	.....	60	.....	.....	.....	.....	.....	0 20
	.....	.....	.....	.....	.....	.....	.....	.....	18 33

APPENDIX A—Continued
No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees	674	4,163	.....	.....	.....	.....	.....	.....	674	4,163	4,828	79 31
Floats	4,110	12,535	.....	.....	.....	.....	.....	.....	4,110	12,615	16,725	480 25
Fire Wood, in Vessels .....	.....	163	.....	.....	.....	.....	.....	.....	.....	163	163	3 33
Rafts .....	.....	.....	8	.....	.....	.....	.....	.....	8	.....	8	0 80
Hoops .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hop Poles	24,875	27,556	965	3,723	.....	.....	.....	.....	25,610	31,280	56,920	2,725 44
Lumber, sawn, in Vessels .....	.....	231	.....	.....	.....	.....	.....	.....	231	.....	231	10 39
Rafts .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Masts, Spars and Telegraph Poles, in Vessels	98	.....	.....	.....	.....	.....	.....	.....	98	.....	98	1 23
Masts, Spars and Telegraph Poles, in Rafts .....	.....	21,388	.....	.....	.....	.....	.....	.....	.....	21,388	21,388	534 70
Railway Ties, in Vessels	1,456	18	.....	.....	.....	.....	.....	.....	1,466	18	1,484	32 16
Rafts .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saw Logs .....	.....	14,793	.....	.....	.....	.....	.....	.....	.....	14,793	14,793	338 10
Staves and Headings, barrel .....	.....	90	.....	.....	.....	.....	.....	.....	.....	90	90	1 80
" " pipe	24	16	.....	.....	.....	.....	.....	.....	24	16	40	1 26
" " W. India	20	420	.....	.....	.....	.....	.....	.....	20	430	440	27 75
Staves, salt barrel	105	9	.....	.....	.....	.....	.....	.....	105	9	114	31 39
Shingles	2	.....	.....	.....	.....	.....	.....	.....	2	.....	2	0 75
Split Posts and Fence Rails, in Vessels	990	510	.....	.....	.....	.....	.....	.....	990	540	1,530	25 03
in Rafts	17	9,530	.....	.....	.....	.....	.....	.....	17	9,530	9,547	388 75
Split Posts and Fence Rails, in Rafts .....	.....	10,288	.....	.....	.....	.....	.....	.....	.....	10,288	10,288	26 78
Timber, square, in Vessels	37	40	.....	.....	.....	.....	.....	.....	37	40	77	29 10
" " in Rafts .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Traverses .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woodenware and Wood, partly manufactured .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total Freight paying Tolls.	137,963	316,694	11,292	5,997	731	3,101	18,218	86,437	169,204	414,259	684,433	42,162 11

Free Articles having paid Tolls on the Welland Canal.	33	116	28,165	6,140	9	1	87	29	1	17	14	362	418	15	160,063	12	72	88	7,001	14,390	45	184	131	83,180	375	4,601	631,997	834,982	15,116 40	2,906 61	2,479 65	63 00	17,681 24	81,790 01					
Apples	33	116	28,165	6,140	9	1	87	29	1	17	14	362	418	15	160,063	12	72	88	7,001	14,390	45	184	131	83,180	375	4,601	631,997	834,982	15,116 40	2,906 61	2,479 65	63 00	17,681 24	81,790 01					
Ashes																																							
Corn																																							
Flour																																							
Furniture																																							
Horses																																							
Meals, all kinds																																							
Meats, other than Pork																																							
Nails																																							
Oil Cake																																							
Oils, in Barrels																																							
Peas																																							
Pork																																							
Sugar																																							
Wheat																																							
Stone, Wrought																																							
All other Goods and Merchandise, not enumerated.																																							
Barrels, empty																																							
Lumber, Saw, in Vessels																																							
Timber, Square, in Rafts																																							
Woodenware																																							
Staves and Headings, Pipe																																							
" " W. India																																							
Coal, Free, per Order in Council	48,240																																						
Kryolite, Free, having paid full Toll on Rideau Canal																																							
Stone, unwrought, Free, per Order in Council	4,601																																						
Grand Total, Freight	19,804	634,165																																					
Total Tolls on Vessels																																							
" " Passengers																																							
" " Free Goods																																							
Wharfage and Storage																																							
Fines and Damages																																							
Winterage, Basin Dues and other Receipts																																							
Total Revenue, exclusive of Hydraulic Rents																																							

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th March, 1888.

APPENDIX A — Continued.

No. (A) 80.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected on the same, during the Season of Navigation in 1887.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up. \$ cts.	Amount of Tolls Down. \$ cts.	Total Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, Pot and Pearl.....											118		23 60	23 60
Apples.....	3	2,946						4		3	2,950	0 45	412 50	412 95
Agricultural Products not enumerated, Vegetable.....	468		2							470	57	70 50	8 55	79 05
Agricultural Products not enumerated, Animal.....			1							1	25	0 15	3 75	3 90
Agricultural Implements.....	1		7							1	7	0 20	1 40	1 60
Barley.....	223									225	33 75		33 75	33 75
Beef.....	172									175	26 25		26 25	26 25
Bones.....		96								96			14 40	14 40
Brimstone.....														
Cement and Water Lime.....	1,947	3	1,068							3,015	3	452 25	0 45	452 70
Clay, Lime and Sand.....	147		134							281	297	43 15	44 55	86 70
Coal.....		5,522						69,086		121,618	1,1618	18,242 70	18,242 70	18,242 70
Corn.....	14	4,072								14	4,086	2 10	81 44	83 54
Cattle.....		31								31	34		6 10	6 10
Cotton, Raw.....	861	11	192							673	12	134 60	2 40	137 00
Crockery and Earthenware.....	19	3								3	22	3 80	0 60	4 40
Dye Wood and Dye Stuffs.....	440	12								440	11	68 00	1 80	67 80
Fish.....														
Flax and Hemp.....	15									16	15	2 25		2 25
Flour.....	17	7,799						34		17	7,833	2 55	1,174 95	1,177 50
Furniture.....	63	44								65	445	13 00	89 00	102 00
Gypsum.....	41									41		6 15		6 15
Glass, all kinds.....	557	17	26							583	20	116 60	4 00	120 60
Hay, Pressed.....														
Hogs.....		14									14		2 10	2 10
Horses.....		39									39		5 86	5 86
Hides and Skins, Horns and														

	£	9	9	1 35	1 35
Ice.....	1,875	207	2,028	304 20	1 35
Iron, Railway.....	1,642	356	1,998	299 70	31 05
" Pig.....	3,603	63	3,691	553 65	9 90
" all other.....					
Iron Ore.....	2,999	2,998		149 90	149 90
Kyrolite Chemical Ore and other Ore, except Iron.....	5	11	6	0 75	2 40
Lard and Lard Oil.....	3	3			1 63
Meat, all kinds.....	4	4			0 45
Meats, other than Pork.....	15		16	3 00	0 60
Marble.....	6		6	1 06	3 00
Manilla.....	324		374	61 80	61 80
Molasses.....	1,734	2	1,821	363 80	364 20
Nails.....	98	1	99	14 79	0 15
Oats.....	463	124	466	93 20	118 00
Oil, in Barrels.....					
Oil Cake.....	11,208	11,208		224 55	224 55
Pease.....	126		126	18 90	18 90
Potatoes.....	408	26	26	3 76	3 76
Pork.....	119	6	469	91 80	92 80
Paint.....	3		119	23 80	23 80
Pitch and Tar.....	142	63	65	13 00	28 40
Rags.....	2,104		2,424	48 48	48 48
Rye.....	16		16	3 20	3 20
Salt.....	995		5,067	760 05	760 05
Stones intended for Cutting " wrought.....	13		677	1 95	88 50
" not suitable for Cut- ting, unwrought.....	167		743	148 60	148 60
Seeds, all kinds.....	232		610	108 20	108 20
Sheep.....	521	17	232	34 80	35 70
Soda Ash.....	688		1,716	2 55	2 55
Steel.....	6,174	3	772	319 20	319 20
Sugar.....	453		5,213	154 40	154 40
Spirits, Beer, &c.....			858	1,042 00	0 60
Tobacco, Raw.....	418	1	2	64 60	64 60
Tin.....	14		2,037	0 30	0 90
Turpentine.....	35,143	1	14	0 45	0 60
Wheat.....	216	1	2 6	407 40	407 80
White Lead.....	396		35,142	2 80	2 80
Whiting.....	50		217	702 81	702 81
Wool.....	3,987	176	396	43 40	43 40
All other Goods and Mer- chandise not enumerated.....			51	79 20	79 20
Bark.....			6,147	7 50	7 65
			1,977	833 60	1,228 60

APPENDIX A - Continued.

No. (A) 30—GENERAL STATEMENT showing the Quantity of Thro' Freight transported, &c—Concl'd.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up.	Amount of Tolls Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Barrels, Empty	6	28							6	28	34	\$ 0 90	\$ 2 40	\$ 3 30
Boat Knees														
Floats														
Fire Wood, in Vessels.		480								480	480		24 00	24 00
" Rafts.														
Hoops.														
Hop Poles.	215	11,422	798	2,827					1,013	14,249	16,262	90 76	1,480 40	1,541 15
Lumber, sawn, in Vessels.														
" Rafts														
Masts, Spars and Telegraph Poles, in Vessels.														
Masts, Spars and Telegraph Poles, in Rafts														
Railway Ties, in Vessels.														
" Rafts														
Saw Logs														
Staves and Headings, bri														
" " W. India														
Staves, salt barrel.														
Shingles														
Split Posts and Fence Rails, in Vessels.	20	20							20	20	40	1 00	1 00	2 00
Split Posts and Fence Rails, in Rafts		1,960								1,960	1,930		196 00	196 00
Timber, square, in Vessels.														
" Rafts														
Traverses														
Woodenware and Wood, partly manufactured	29	46							29	40	69	11 60	16 00	27 60
Total Freight paying Tolls	28,818	137,356	10,871	2,836			76,953		39,702	211,137	250,836	6,929 80	23,717 88	80,647 76

APPENDIX A—Continued.
 No. (A) 31.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, and the amount of Tolls collected thereon during the Season of Navigation, in 1887.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Astres, Pot and Pearl		2									2	0 40
Apples	46	240		56					46	296	342	16 35
Agricultural Products, not enumerated, Vegetable	51	218		120					51	313	389	40 88
Agricultural Products, not enumerated, Animal	121	101		189					121	290	411	40 03
Agricultural Implements	104	2							104	2	106	12 59
B-pley	57	1,77	24	836			20		838	2,583	3,421	174 16
Bricks	3,181	33			1,437				4,621	330	4,951	201 62
Bones	181	42		791					181	833	1,014	93 61
Blimestone					6				6		6	0 33
Cement and Water Lime	357	5			16				373	5	378	31 83
Clay, Lime and Sand	13,176	6,573			2,876				16,052	6,573	22,625	866 21
Coal		4,596			12	1,895		17,392	12	23,883	23,895	1,519 9
Corn	16	5,469			4				16	5,475	5,491	110 49
Cattle	45	461							45	461	509	34 49
Cotton, Raw	82	1							82	1	83	13 13
Crockery and Earthenware	81								81		81	17 95
Dye Wood and Dye Stuffs	783	74					260		783	74	857	43 68
Fish												
Flax and Hemp	536	18				36			538	52	592	40 02
Furniture	110	176							111	176	287	22 66
Gypsum	3,331	516							3,331	516	3,847	66 94
Glass, all kinds	36	20							43	20	63	7 60
Hay, Presed	483	37			81				564	37	601	26 21
Hoza	13	11							13	11	24	1 35
Hofs	62	251							62	251	313	19 40
Hides and Skins, Horns and Hoofs	8	9							12	32	45	4 13
Ice												

Iron, Railway	489	115	489	115	489	115	489	115	554	42 76
" Pig	141	30	141	30	141	30	141	30	171	14 86
" All other	7,143	280	7,143	280	7,143	280	7,143	280	8,262	877 46
Iron Ore										
Kryohite Chemical Ore and other Ore, except Iron	9	36	9	36	9	36	9	36	46	2 33
Lard and Lard Oil	49	116	49	116	49	116	49	116	164	9 83
Meat, all kinds	20		20		20		20		20	1 87
Meats, other than Pork	12		12		12		12		17	1 92
Marble										
Mannilla	18								18	1 80
Molasses	1,172	126							3,320	188 37
Nails	487	8 7							1,321	124 77
Oats	1,960	6,666							7,615	356 01
Oil, in barrels	351	182	20	838	1,169	177	1,366	26	1,366	100 78
Oil Cake	1	20							26	1 01
Pease	98	22,226							22,226	466 09
Potatoes	6	46							62	2 59
Pork	211	142							211	24 40
Paint	37	178							383	24 40
Pitch and Tar	126	109							178	16 75
Rye	404	19							1,239	68 33
Rye	127	171							431	41 76
Rosin	9	2 7							298	5 86
Salt	3,077	30							1,867	93 81
Stone intended for Cutting	225	1,033							3,254	300 03
" wrought	271	1							3,049	118 15
" not suitable for Cutting, unwrought	705	6,819	37						272	13 95
Seeds, all kinds	4,860	521							7,899	168 55
Sheep	103								6,381	202 12
Soda Ash	62	3							103	7 72
Steel	40	7							217	14 40
Sugar	2,292	46							110	6 44
Sprits, Beer, &c.	277	19							6,963	437 93
Tobacco, raw	2	2							19	42 69
Tallow	111	40							8	0 30
Tin	2	16							151	17 40
Turpentine	22,832	30,322							705	36 53
White Lead	12								52,844	1,061 44
Whiting	19	25							12	2 28
Wool									19	4 68
All other Goods and Merchandise not enumerated	6,308	1,070	183	497	769	155			1,962	792 06
Bark									4	0 20
Barrels, Empty	42	32							215	14 93

APPENDIX A—Continued.

No. (A) 81.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported, &c.—Con.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees.....												
F oats	674	4,110							674	4,110	4,826	79 31
F irewood, in V essels.....	4,110	12,045					50		4,110	12,135	16,245	456 28
" Rafts		162			8					162	162	3 38
Hoop's.....									8		8	0 80
E xp P oles.....	24,460	16,134	167	897					24,627	17,031	41,658	1,184 29
" Rafts		231								231	231	10 39
Masts, Spars and Telegraph Poles in Vessels.....	98								98		98	1 23
Masts, Spars and Telegraph Poles in Rafts.....		21,388							21,388		21,388	534 70
Railway Ties, in Vessels.....	1,466	15							1,466	15	1,484	32 18
" Rafts.....		14,793								14,793	14,793	338 10
Saw Logs		80								80	80	1 80
Staves and Headings, Barrel.....	24	16							24	16	40	1 28
" " Pipe.....	20	42							20	42	40	27 75
" " West India.....												
Staves, Salt Barrel.....	103	9							103	9	114	31 89
Shingles.....												
Split Posts and Fence Rails, in Vessels.....	2	3							2	3	5	0 75
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels.....	970	620							970	620	1,490	28 03
" " Rafts.....	17	7,570							17	7,570	7,587	190 75
Traverses.....		10,288								10,288	10,288	26 78
Woodenware and Wood partly manufactured.....	8								8		8	1 50
Total Freight paying Tolls.	109,135	179,340	416	3,168	781	3,101	18,316	17,484	128,500	203,094	331,594	11,514 85

Coal, Free, per Ounce in Councils.....	40,881										74,601	
Stone " " " "	4,601										4,601	
Coin " " " "	2,556										3,556	
Grand Total Freight	154,617	182,898	472	3,169	731	3,101	51,882	17,48	207,70	206,550	414,352	
<p style="text-align: center;">Total Way Tolls on Vessels..... 5,959 12 " " Passengers..... 1,035 61 " " Free Goods..... \$41,182 80</p> <p style="text-align: right;">Total Way Tolls..... 18,529 03</p>												

**INLAND REVENUE DEPARTMENT,
OTTAWA, 26th March, 1888.**

**E. MIALL,
Commissioner.**

APPENDIX A—Continued.

No. (A) 32.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals, and the Amount of Revenue collected during the Season of Navigation in 1887.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl											33	6 27
Apples	20	13							20	13	33	1 56
Agricultural Products not enumerated, Vegetable	6	140							6	140	146	9 04
Agricultural Products not enumerated, Animal	12	1,630							12	1,630	1,642	141 68
Agricultural Implements	2	692							2	692	694	7 43
Barley		60								60	60	39 61
Bricks		11								11	11	0 74
Bones												
Brimstone		18								18	18	1 77
Cement and Water Lime		5,600								5,650	5,650	169 58
Clay, Lime and Sand		99								99	99	1 65
Coal												
Corn		6							6	6	1	0 08
Cattle		588								588	589	36 01
Cotton, Raw												
Crockery and Earthenware		1							1	1	1	0 05
Dye Wood and Dye Stuffs		2								2	2	0 20
Fish												
Flax and Hemp		18							18	18	53	3 74
Flour	10	27							10	27	37	4 46
Furniture												
Gypsum												
Glass, all kinds		22								22	22	21 91
Hay, Pressed		116								116	116	7 47
Hogs		24								24	24	12 57
Horses		27								27	27	2 59
Hides and Skins, Horns and Hoofs		30								30	30	

Ice	1									1										0 10
Iron, Railway	15									15										1 55
" Pig	146									146										13 78
" all other																				
Iron Ore	1,426									1,426										71 30
Kryolite Chemical Ore and other Ore, except Iron	10									10										0 72
Lard and Lard Oil	4									4										0 28
Meal, all kinds	53									53										4 91
Meats, other than Pork																				
Marble																				
Manilla																				
Molasses	2									2										0 15
Nails	3,255									3,255										0 19
Oats	2									2										194 12
Oil, in barrels	2									2										0 44
Oil Cake																				
Oil Cakes	3,024									3,024										201 98
Pease	3,074									3,074										27 03
Potatoes	15									15										10 25
Pork	363									363										0 19
Pork	19									19										3 33
Paint	1									1										0 65
Pitch and Tar	18									18										0 78
Rags	9									9										2 36
Rye																				
Rosin	25									25										
Salt	118									118										
Stone intended for Cutting																				
" wrought																				
" not suitable for Cutting	38									38										0 40
unwrought																				1 34
Seeds, all kinds	14									14										19 18
Sheep	288									288										
Soda Ash																				
Sugar	3									3										1 34
Spirits, Beer, &c	3									3										0 82
Tobacco, Raw																				
Tallow	4									4										0 40
Tin																				
Turpentine																				
Wheat	271									271										26 36
White Lead																				
Whiting																				
Wool																				
All other Goods and Merchandise not enumerated	80									80										43 17
Barrel	17									17										1 67
Barrels, Empty	79									79										9 33

APPENDIX A—Continued
 No. (A) 82.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

ARTICLES.	from Canadian to Canadian Ports.		From Canadian to United States Ports.		from United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees	150	26,976							150	26,976	27,126	389 80
Floats		38,319		226						38,544	38,544	1,319 14
Fire Wood, in Vessels		4,608								4,608	4,608	1 60 18
" Rafts		17								17	17	1 49
Hop Poles		34								34	34	0 88
" "	57	380,933							57	558,490	558,547	45,516 14
Lumber, Sawp, in Vessels	2	2,187		177,627					2	2,187	2,189	76 60
" Rafts												
Masts, Spars and Telegraph Poles, in Vessels		142								142	142	13 18
Masts, Spars and Telegraph Poles in Rafts	20	9,585							20	9,685	9,685	111 71
" "		289								289	289	34 46
Railway Ties, in Vessels		3,337								3,336	3,336	356 78
" Rafts		14,074								14,074	14,074	377 80
Saw Logs												
" "												
Staves and Headings, Barrel												
" "												
" " West India.												
Staves, Salt Barrel,	2	304		257					2	561	563	441 71
Shingles												
Split Posts and Fence Rails, in Vessels	4									4	4	0 16
" Rafts		236								236	236	10 80
Timber, Square, in Vessels		3,284								3,284	3,284	48 77
" Rafts		1,060								1,060	1,060	5 38
Traverses												
Woodenware and Wood, partly manufactured	14									12	12	2 00

Total Freight paying Tolls..	638	504,400	179,009			6.8	682,409	683,047	49,830 01
Coal, Free, per Order in Council...									
Grand Total, Freight.....	638	504,400	179,009			6.8	682,409	683,047	49,830 01

Total Tolls on Vessels	4 987 38
" Passengers	199 63
" Free Goods	
" Fines and Damages	14 20
" Other Receipts	
Total Revenue, exclusive of Hydraulic Rents.	55,141 22

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th March, 1888.

APPENDIX A—Continued.
 No. (A) 83.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees.....												
Floats.....	430								430		430	11 40
Fire Wood, in Vessels.....	165								165		165	5 90
" Rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, Sawn, in Vessels.....	6,644								6,644		6,644	5,233 10
" Rafts.....			85,136							85,136		
Masts, Spars and Telegraph Poles, in Vessels.....												
" Rafts.....												
Masts, Spars and Telegraph Poles, in Rafts.....												
" Rafts.....			6,493						6,493		6,493	489 12
Railway Ties, in Vessels.....												
" Rafts.....												
Saw Logs.....												
Staves and Headings, Barrel.....												
" Pipe.....												
" West India.....												
Staves, Salt Barrel.....												
Shingles.....												
Split Posts and Fence Rails, in Vessels.....												
" Rafts.....	17									17		
Split Posts and Fence Rails, in Rafts.....												
" Rafts.....												
Timber Square, in Vessels.....												
" Rafts.....	62									62		
Traverses.....												
Woodenware and Wood partly manufactured.....												

Total Freight paying Tolls	7,536	82,437	116,876	99,958	122,990	222,985	17,594 10
Coal Free, per Order in Council...	119	200		3 9		318	
Grand Total Freight.....	7,655	82,637	116,875	100,382	122,990	223,272	
Total Tolls on Vessels							
“ Passengers	2,819 51						
“ Free Goods	55 33						
“ Fines and Damages.	\$ 27 93						
“ Wharfage and Storage.....	48 10						
Total Revenue, exclusive of Hydraulic Rents	20,537 04						

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th March, 1888.

APPENDIX A - Continued.

No. (A) 31.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, and the Amount of Tolls collected during the Season of Navigation in 1887.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls \$ cis.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	7	28							7	28	28	7 20
Apples.....		1								1	1	0 47
Agricultural Products, not enumerated, Vegetable.....	25								25		25	0 67
Agricultural Products, not enumerated, Animal.....	273	790							273	790	1,063	53 95
Agricultural Implements.....	57	114							57	114	171	19 07
Barley.....	186								186		186	4 36
Bricks.....	114	42							114	42	156	3 71
Bones.....	1								1		1	0 03
Brimstone.....												
Cement and Water Lime.....	124	10							124	10	134	4 11
Clay, Lime and Sand.....	228	1							228	1	229	5 36
Coal.....		3,979								3,979	3,979	135 91
Corn.....	27								27		27	0 84
Cattle.....	6	1							6	1	7	0 19
Cotton, Raw.....	25	24							25	24	49	6 29
Crockery and Earthenware.....	3	2							3	2	5	0 44
Dye Wood and Dye Stuffs.....	195	3							195	3	198	5 14
Fish.....												
Flax and Hemp.....	22	612							22	612	634	17 63
Flour.....	14	37							14	37	51	5 00
Furniture.....	1								1		1	0 03
Gypsum.....	16	4							16	4	19	3 07
Glass, all kinds.....	87								87		87	2 08
Hay, Pressed.....												
Hog.....	10	9							10	9	19	0 67
Horses.....												
Hides and Skins, Horns and												

Item	2	4	6	0 25
Hoofs.....				
Ice.....				
Iron, Railway.....	30	80	80	0 70
" Pig.....	111	120	120	5 77
" all other.....	320	182	472	17 14
Iron Ore.....				
Kryolite Chemical Ore and other Ore, except Iron.....	325	741	1,069	53 45
Lard and Lard Oil.....	5	54	59	1 65
Meal, all kinds.....	2	60	62	1 71
Meat, other than Pork.....				
Marble.....	8	4	12	2 27
Manilla.....				
Molasses.....	54	5	57	5 16
Nails.....	297	6	302	81 24
Oats.....	197	7	204	6 31
Oil, in Barrels.....	85	133	218	20 74
Oil Cake.....				
Pease.....	9	5	5	0 14
Pork.....	196		9	0 22
Pork, Tones.....	76	193	215	5 49
Paint.....	5	109	179	6 16
Pitch and Tar.....	8		6	0 62
Rags.....				
Rye.....	53	14	8	0 71
Rosin.....	6		14	3 12
Salt.....	1,291	63	53	1 27
Stone intended for Cutting, wrought.....	6	312	6	0 53
" not suitable for Cut- ting, unwrought.....			1,603	47 91
Seeds, all kinds.....	41	802	808	87 54
Sheep.....	16			
Soda & Ash.....	10	6	46	1 16
Steel.....	1		16	0 37
Sugar.....	484		10	0 87
Spirits, Beer, &c.....	125	481	525	52 98
Tobacco, Raw.....	1	125	172	15 69
Tallow.....	1	2	1	0 03
Tin.....	21		5	0 11
Turpentine.....	1	21	21	1 97
Wheat.....	8		1	0 09
White Lead.....	8	114	122	2 88
Whiting.....	23		8	0 97
Wool.....	4		23	2 01
All other Goods and Mer- chandise not enumerated.....	493	899	892	0 10
				123 89

APPENDIX A—Continued.

No. (A) 84.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Bark.....	87								87		87	2 04
Barre's Empty.....	25								25		25	1 95
Boat Keels.....												
Floats.....	2,682	60							2,682	60	2,742	48 30
Firewood, in Vessels.....	19,803	1,119							19,803	1,119	20,922	381 60
" Rafts.....												
Hoops.....		6								6	6	0 19
Hop Poles.....	10								10		10	1 10
Lumber, Sawm, in Vessels.....	38,457	2,892							40,009	2,892	42,901	1,942 62
" " Rafts.....	17	25							17	25	42	1 59
Mast, Spars and Telegraph Poles in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....	2,896								2,896		2,896	400 61
" Rafts.....		1,241	456						1,241	456	1,697	1 7
Saw Logs.....	32	321							32	321	353	8 06
Staves and Headings, barrel " " pipe.....												
" " W India.....												
Staves, salt barrel.....												
Shingles.....												
Split Posts and Fence Rails, in Vessels.....	6	26							6	26	32	5 77
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels.....	13								13		13	3 48

Total Freight paying Tolls. Woodenware and Wood, partly manufactured.	1,008	1	1,008	1,008	6 47
Total Freight paying Tolls. Coal, free per Order in Coun- cil	70,722	14,458	1,981	87,161	3,532 55
Grand Total, Freight..	76,039	14,458	1,931	92,478	
<p>Total Tolls on Vessels 1,767 74</p> <p> " Passengers..... 116 92</p> <p> " Free COAL..... \$139 78</p> <p>Wharfage and storage 10 63</p> <p>Fines 56 43</p> <p>Other Receipts 195 60</p> <p>Total Revenue, exclusive of Hydraulic Rents. 5,679 87</p>					

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th March, 1888.

E. MIALI,
Commissioner.

APPENDIX A—Continued.

No. (A) 35.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal, and the amount of Revenue collected thereon, during the Season of Navigation in 1887.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Fish	644	956	.....	.....	.....	.....	.....	.....	644	956	1,600	\$ 16 00
Flour	1,284	1,266	.....	.....	.....	.....	.....	.....	1,284	1,266	2,550	25 00
Coal	12,988	10,987	.....	.....	.....	.....	.....	.....	12,988	10,987	23,975	239 75
Lumber	1,663	2,723	.....	.....	.....	.....	.....	.....	1,663	2,722	4,385	43 85
Other Agricultural Products.....	5,438	2,790	.....	.....	.....	.....	.....	.....	5,438	2,790	8,228	82 28
Other Merchandise.....	166	270	.....	.....	.....	.....	.....	.....	166	270	436	4 36
Total Freight paying Tolls.....	22,183	18,991	.....	.....	.....	.....	.....	.....	22,183	18,991	41,174	411 74
Total Tolls on Vessels												2,096 56
" Passengers.....												.....
Total Revenue, exclusive of Hydraulic Rents												\$4,508 30

E. MIALL, Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 27th March, 1888.

APPENDIX A—Continued.

No. (A) 36.—GENERAL STATEMENT showing the Quantity of each Article transported on the Newcastle District Canals, and the Amount of Revenue Collected, during the Season of Navigation in 1887.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	wn.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Firewood.....	10,535	15							10,535	15	10,550	163 87
Lumber, Sawn.....	1,436								1,435		1,435	12 57
Railway Ties.....	184								184		184	6 62
Saw Logs.....	2,180	150							2,180	150	2,330	47 00
Shingles.....	73								73		73	12 41
Timber, Square.....	335								335		335	7 63
Stone, unwrought.....	733								733		733	4 88
Total Freight paying Tolls ..	15,480	135							15,480	135	15,615	265 15
Tolls on Vessels											75 00	
Total Revenue, exclusive of Hydraulic Rents											330 16	

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th March, 1888.

E. MIALL,
Commissioner.

No. (A) 27.—STATEMENT of Traffic on the undermentioned Canals, and

ARTICLES.	Welland Canal.		St. Lawrence Canals.	
	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.
Canadian Vessels, steam.....	245,390	3,264 44	668,921	4,382 05
United States Vessels, steam.....	195,514	2,777 80	18,949	1 88 33
Canadian Vessels, sail.....	258,873	4,838 91	953,875	9,972 84
United States Vessels, sail.....	97,525	2,119 53	73,550	623 18
Total, Class No. 1.....	787,307	13,020 68	1,715,291	15,116 40
<i>Class No. 2.</i>	No.		No.	
Passengers.....	5,503	180 21	56,401	2,916 61
<i>Class No. 3.</i>	Tons.		Tons.	
Bricks.....	428	62 89	5,126	227 77
Brimstone.....	40	6 00	6	0 23
Cement and Water Lime.....	516	73 18	3,396	4 84 53
Clay, Lime and Sand.....	908	106 71	23,104	952 91
Fish.....	354	53 20	1,309	111 48
Gypsum.....	150	1 87	3,681	75 09
Iron, Railway.....	1,351	102 34	2,789	378 03
“ Pig.....	1,494	279 64	2,169	314 56
“ all other.....	4,142	619 85	12,019	911 01
Salt.....			8,321	1,060 08
Stone, for Cutting.....	4,163	800 71	3,639	204 65
Apples.....	792	38 20	3,295	459 50
Barley.....	9,574	1,521 45	3,644	207 91
Corn.....	114,931	22,987 60	9,677	194 03
Cotton, Raw.....				
Flax and Hemp.....			15	2 25
Flour.....	23,919	2,681 85	8,442	1,217 52
Hay, Pressed.....			601	26 21
Meals, all kinds.....	11,130	2,194 89	187	9 98
Oil Cake.....	17	3 40	26	1 01
Oats.....	12,050	2,410 00	7,714	370 86
Pease.....	542	81 40	33,532	680 64
Potatoes.....	69	1 64	178	21 49
Rye.....			2,722	54 44
Seeds, all kinds.....	97	16 95	5,619	237 82
Tobacco, Raw.....			12	1 48
Wheat.....	221,927	42,139 90	87,986	1,764 28
All other Agricultural Products, Vegetable.....	618	38 00	916	119 93
Bones.....			1,110	108 04
Cattle.....	2	0 30	543	39 59
Hogs.....			38	3 45
Hides and Skins, Horns and Hoofs.....	196	37 90	54	5 48
Horses.....	11	1 81	365	27 20
Lard and Lard Oil.....	20	4 00	61	4 73
Meats, other than Pork.....	62	12 40	24	2 67
Pork.....	612	122 40	378	23 20
Sheep.....			120	10 27
Tallow.....	630	94 50	15	1 35
Wool.....	96	18 55	51	7 65
All other Agricultural Products, Animal.....			437	43 93
Total, Class No. 3.....	410,877	76,513 71	233,509	10,402 15

APPENDIX A—Continued.

the Amount of Tolls collected during the Season of Navigation in 1887

Chambly Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
56,223	189 89	164,770	636 53	53,359	576 08	13,892	722 46	2,444	61 50
108	1 41			563	16 26				
61,158	964 62	203,881	2,916 47	94,425	1,093 24	68,705	1,374 10	2,031	13 50
120,897	1,663 89	61,764	1,414 38	7,810	82 16				
238,386	2,819 51	430,415	4,967 38	156,157	1,767 74	82,597	2,096 56	4,475	75 00
No.		No.		No.					
3,278	55 33	14,785	199 63	2,914	116 92				
Tons.		Tons.		Tons.					
3,477	337 14	50	1 60	156	3 71				
15	1 60	18	1 77	134	4 11				
4,696	496 11	5,650	169 58	229	5 36				
3	0 10	2	0 20	198	5 14	1,600	16 00		
25	0 81			1	0 03				
		1	0 10	30	0 70				
		15	1 55	120	5 77				
425	41 30	146	13 78	472	17 14				
306	21 31	25	0 78	1,603	47 91				
1,856	181 60	118	2 36	808	37 54				
491	43 78	33	1 56	8	0 47				
1,753	119 56	692	39 61	186	4 36				
		1	0 06	27	0 84				
225	7 50	53	3 79	634	17 53	2,550	25 50		
1,221	61 45	224	21 91	87	2 08				
		4	0 28	62	1 71				
				5	0 14				
1,326	49 31	3,255	194 12	204	6 31				
2,506	126 10	3,024	201 98	9	0 23				
		378	27 03	215	5 49				
		9	0 65	53	1 27				
		14	1 34	46	1 16				
				1	0 03				
3	0 10	271	26 36	122	2 88				
205	6 84	146	9 04	25	6 67	8,228	82 28		
309	30 90	11	0 74	1	0 03				
75	2 50	594	36 01	7	0 19				
		116	7 47						
3	0 10	30	2 88	6	0 25				
9	0 30	268	12 57	19	0 67				
3	0 10	10	0 72	59	1 65				
		53	4 91						
		128	10 25	179	5 16				
72	2 40	268	19 18	15	0 37				
		4	0 40	3	0 11				
					0 10				
12	0 40	1,642	141 68	1,063	53 95				
19,016	1,531 24	17,273	956 27	6,791	235 05	12,378	123 78		

APPENDIX

No. (A) 37.—STATEMENT of Traffic on the undermentioned Canals, and

ARTICLES.	Welland Canal.		St. Lawrence Canals.	
	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 4.</i>				
Ashes, Pot and Pearl.....	106	\$ 20 83	120	\$ 24 00
Agricultural Implements.....	13	2 42	114	14 19
Crockery and Earthenware.....	6	0 38	768	150 13
Dye Woods and Dye Stuffs.....			323	22 35
Furniture.....	73	12 52	797	124 66
Glass, all kinds.....	30	0 73	667	129 20
Marble.....	3,752	562 95	27	4 92
Manilla.....	804	120 40	23	2 80
Molasses.....	1,240	186 00	3,674	253 17
Nails.....	118	2 47	3,145	498 97
Oil, in Barrels.....	627	76 16	1,956	218 78
Paint.....	314	44 37	728	108 55
Pitch and Tar.....	5	0 75	1,348	92 13
Rags.....	36	5 40	638	83 15
Rosin.....	2	0 04	1,873	97 04
Soda Ash.....	120	18 00	1,963	363 60
Steel.....	4 689	699 31	882	160 84
Sugar.....	16,608	2,441 72	12,176	1,480 53
Stone, wrought.....	604	119 58	1,015	162 55
Tin.....	36	0 68	2,190	425 20
Turpentine.....			719	38 33
White Lead.....	6	0 29	229	45 68
Whiting.....	1	0 02	440	83 88
Whiskey, and all other Spirits.....	302	37 91	1,252	234 29
Merchandise, not enumerated.....	21,589	3,179 35	14,962	2,020 66
Total, Class No. 4.....	51,066	7,532 46	52,029	6,828 61
<i>Class No. 5.</i>				
Bark.....			4	20
Barrels, Empty.....	250	25 32	248	18 23
Boat Knees.....				
Floats.....			4 836	79 31
Firewood, in Vessels.....	17,754	789 94	16,715	480 26
" Rafts.....			162	3 28
Lumber, Sawn, in Vessels.....	61,109	10,065 39	56,920	725 44
" Rafts.....	25	4 50	231	10 39
Hoops.....			8	0 80
Railway Ties, in Vessels.....	2,160	233 05	1,434	32 16
" Rafts.....				
Masts, Spars and Telegraph Poles, in Vessels.....			98	1 23
" Rafts.....			21,388	534 70
Square Timber, in Vessels.....	35,741	5,300 49	1,520	25 03
" Rafts.....	56	5 15	9,547	386 75
Woodenware and Wood, partly manufactured.....	713	263 95	77	29 10
Shingles.....	21	1 87	114	31 39
Split Posts and Fence Rails, in Vessels.....			5	0 75
" Rafts.....				
Saw Logs.....	7,301	315 11	14,793	338 10
Staves and Headings, Barrel.....	27	4 22	90	1 80
" " Pipe.....	113	20 98	40	1 26
" " West India.....	969	181 63	440	27 75
" " Salt Barrel.....				
Traverses.....			10,288	26 73
Hop Poles.....				
Total, Class No. 5.....	126,239	17,276 51	139,019	4,754 81

APPENDIX

No. (A) 37.—STATEMENT of Traffic on the undermentioned

ARTICLES.	Welland Canal.		St. Lawrence Canals.	
	Tons.	Tolls.	Tons.	Tolls.
<i>Special Class.</i>		\$ cts		\$ cts.
Coal	145,192	27,817 55	145,513	19,761 89
Kryolite or Chemical Ore			2,998	149 90
Iron Ore	13,866	693 30		
Stone, unwrought, not suitable for cutting	15,819	1,527 33	9,365	264 75
Ice				
Total, Special Class.....	174,878	30,038 18	157,876	20,176 54
Total Freight and Tolls.....	763,060	141,561 75	592,432	60,195 12
Timber and other Wood, Free	783	38 06	21,839	2,147 02
Wheat, Corn, Flour, Iron, Salt, Coal, &c., &c., Free	14,075	2,111 25	232,710	10,095 03
Grand Totals, Passengers and Tonnage of Vessels not included	777,918	146,711 06	886,982	72,437 17

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th MARCH, 1887.

A - Continued.

Canals, and the Amount of Tolls collected, &c.—Continued.

Chambly Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts		\$ cts.		\$ cts		\$ cts.		\$ cts
94,016	9,085 28	99	1 65	3,979	135 94	23,795	239 75		
		1,426	71 30	1,069	53 45				
88	8 80	39	0 40					733	4 88
94,104	9,094 08	1,563	73 35	5,048	189 39	23,795	239 75	73	4 83
222,953	20,468 94	783,047	54,997 02	87,161	5,417 21		2,508 30	15,645	330 16
319	27 93			5,317	139 78				
223,272	20,496 87	783,047	54,997 02	92,478	5,556 99	41,174	2,503 30	15,645	330 16

E. MIALL,
Commissioner.

APPENDIX A--Continued.

No. (A) 39.—STATEMENT showing the Amount of Tolls accrued each month during the Season of Navigation ended 31st December, 1887.

Canals and Offices.	January.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
WELLAND CANAL.											
Chippawa.....	20 82	48 57	23 24	75 09	13 49	13 88	8 70	3 45	207 26
Corbore.....	13,403 02	16,252 91	19,994 19	15,223 35	13,647 77	11,455 77	11,156 66	211 64	101,345 34
Dalbousie.....	8,423 21	5,935 98	4,511 97	6,418 51	5,713 38	6,294 61	3,808 92	141 84	40,314 42
Dunnville.....	19 50	.....	187 01	36 56	0 25	54 59	172 90	7 25	619 68
Maitland.....	1 59	63 68	3 77	32 32	0 25	18 48	120 59	.....	120 59
Robinson.....	156 73	183 67	151 07	103 39	115 45	161 17	163 12	15 29	1,181 01
St. Catharines.....	129 93	111 04	88 20	111 24	168 23	86 86	51 54	0 25	793 47
Total, Welland Canal.....	22,230 91	21,751 81	24,962 47	22,000 47	19,659 07	18,027 13	15,378 32	379 72	144,661 75
ST. LAWRENCE CANALS.											
Beaubarnois.....	103 50	76 16	99 82	157 34	155 81	214 67	124 17	.....	931 47
Cardinal.....	93 27	29 95	127 14	147 29	92 90	42 01	62 86	6 67	603 10
Cornwall.....	2,025 45	2,599 63	2,969 65	3,953 31	2,169 58	1,959 27	1,450 37	.....	16,807 26
Kingston.....	1,317 39	1,332 98	1,878 36	2,470 59	2,209 59	1,899 65	551 44	0 50	11,950 50
Lachine.....	286 58	378 37	330 11	536 77	711 65	469 38	326 60	2 03	3,031 55
Montreal.....	3,212 64	4,319 71	5,197 47	4,904 87	3,460 22	3,118 21	2,620 07	.....	26,832 24
Total, St. Lawrence Canals.....	7,348 83	8,235 86	10,602 55	12,160 17	8,799 75	7,703 19	5,435 51	9 26	60,195 12
CHAMBLEY CANAL.											
Chambley.....	340 57	844 11	819 32	1,124 50	991 25	1,457 15	923 19	.....	6,419 09
St. Johns.....	2,069 44	1,514 40	2,386 97	2,450 54	2,746 97	1,878 20	414 91	.....	13,481 53
St. Ours.....	44 62	78 35	100 01	71 17	57 11	131 55	55 64	.....	638 53
Total, Chambley Canal.....	2,474 63	2,436 86	3,303 28	3,646 21	3,795 32	3,416 90	1,392 73	.....	20,483 94

APPENDIX A—Continued.

NO (A) 40.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through all the Canals during the Season of Navigation ended 31st December, 1887; and the amount of Tolls collected thereon.

Vessels.	Total Number	From Canadian to Canadian Ports		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
WELLAND CANAL.													
Canadian Vessels, steam.....	854	59,618	55,794	46,547	5,080	551	10,370	70,430	116,086	129,301	245,380	3,264 44	
“ “ sail.....	1,277	54,248	43,676	57,098	7,103	520	19,682	76,487	131,618	127,330	259,378	4,838 91	
Total Canadian	2,131	113,866	99,469	103,645	10,183	1,071	30,052	146,917	247,634	256,634	504,268	8,103 35	
United States Vessels, steam.....	288	131	78	534	730	89,477	93,104	697	90,905	91,609	185,514	2,777 80	
“ “ sail.....	366	448	440	1,777	1,138	44,772	38,176	8,454	49,317	48,208	97,515	2,139 53	
Total United States	654	579	518	2,311	1,868	131,249	131,280	9,151	140,222	142,817	283,039	4,917 33	
Grand Total, Welland Canal	2,785	113,445	99,987	105,956	12,051	135,320	131,315	155,068	387,856	399,451	787,307	13,020 68	
ST. LAWRENCE CANALS.													
Canadian Vessels, steam.....	3,201	350,705	303,001	15,622	87	.....	66	440	366,393	307,528	669,921	4,362 05
“ “ sail.....	5,702	623,973	357,229	3,353	1,477	.....	567	41,276	553,893	399,982	953,875	9,972 84
Total Canadian	8,903	873,678	659,230	45,975	1,564	.....	633	41,716	920,286	702,510	1,622,796	14,354 89
United States Vessels, steam.....	426	670	638	1,532	331	7,231	6,902	1,266	9,922	9,027	18,349	138 33	
“ “ sail.....	780	439	6,983	3,147	7,492	2,250	4,360	3,356	54,319	19,211	73,550	623 18	
Total United States	1,206	1,109	6,521	4,779	7,813	9,181	9,282	4,622	61,261	28,238	92,499	761 51	
Grand Total, St. Lawrence Canals	10,109	874,787	665,751	50,754	9,377	9,381	9,282	49,525	984,547	730,749	1,715,295	15,116 40	

CHAMBLY CANAL.																
Canadian Vessels, steam.....	373	26,888	28,291	.....	.....	.....	.....	.....	.....	.....	.....	1,044	26,888	29,335	56,223	1,095
" " sail.....	647	8,641	8,912	12,269	.....	.....	.....	.....	.....	.....	.....	31,328	20,970	40,248	61,155	961
Total Canadian.....	1,020	35,529	37,203	12,269	.....	.....	.....	.....	.....	.....	.....	37,380	47,795	69,583	117,381	1,154
United States Vessels, steam.....	4	.....	.....	85	.....	.....	.....	.....	.....	.....	.....	23	85	23	104	1
" " sail.....	1,246	296	3,069	31,386	.....	.....	.....	.....	.....	.....	.....	86,041	31,784	89,113	120,897	1,863
Total United States.....	1,250	296	3,069	31,471	.....	.....	.....	.....	.....	.....	.....	102	31,869	89,136	121,005	1,665
Grand Total, Chamblay Canal	2,270	35,825	40,272	43,740	.....	.....	.....	.....	.....	.....	.....	102	79,667	158,719	238,386	2,819
OTTAWA CANALS.																
Canadian Vessels, steam.....	972	53,542	110,223	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,542	111,328	164,770	636
" " sail.....	1,746	11,691	168,571	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,76	193,097	203,851	2,916
Total Canadian.....	2,718	65,233	278,796	.....	.....	.....	.....	.....	.....	.....	.....	.....	65,325	303,325	368,621	3,553
United States Vessels, steam.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
" " sail.....	628	11,116	2,905	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,832	49,932	61,764	1,414
Total United States.....	628	11,116	2,905	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,832	49,932	61,764	1,414
Grand Total, Ottawa Canals.	3,346	76,349	281,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	77,158	353,257	430,411	4,967
RIDEAU CANAL.																
Canadian Vessels, steam.....	1,099	27,775	25,509	75	.....	.....	.....	.....	.....	.....	.....	.....	27,830	25,402	53,359	575
" " sail.....	1,283	42,426	51,410	590	.....	.....	.....	.....	.....	.....	.....	.....	43,015	51,410	94,427	1,091
Total Canadian.....	2,382	70,200	76,919	665	.....	.....	.....	.....	.....	.....	.....	.....	70,865	76,919	147,781	1,669
United States Vessels, steam.....	61	279	234	.....	.....	.....	.....	.....	.....	.....	.....	.....	279	284	563	16
" " sail.....	81	2,896	4,618	296	.....	.....	.....	.....	.....	.....	.....	.....	3,182	4,618	7,810	82
Total United States.....	142	3,165	4,912	29	.....	.....	.....	.....	.....	.....	.....	.....	3,461	4,912	8,373	98
Grand Total, Rideau Canal.....	2,527	73,365	81,831	931	.....	.....	.....	.....	.....	.....	.....	.....	74,326	81,831	156,157	1,767

APPENDIX A—Continued.

No. (A) 40.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels, &c.—Concluded.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
ST. PETER'S CANAL.											
Canadian Vessels, steam.....	125	7,468	6,424	.....	.....	.....	.....	7,468	6,424	13,892	722 46
" " sail.....	1,566	33,611	35,094	.....	.....	.....	.....	33,611	35,094	68,706	1,374 10
Total Canadian.....	1,691	41,079	41,518	.....	.....	.....	.....	41,079	41,518	82,697	2,096 56
United States Vessels, steam.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
" " sail.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Total, St. Peter's Canal	1,691	41,079	41,518	.....	.....	.....	.....	41,079	41,518	82,697	2,096 53
NEWCASTLE DISTRICT CANALS.											
Canadian Vessels, steam.....	126	1,413	1,031	.....	.....	.....	.....	1,413	1,031	2,444	61 50
" " sail.....	20	1,631	500	.....	.....	.....	.....	1,631	500	2,031	13 50
Total Canadian	146	2,944	1,531	.....	.....	.....	.....	2,944	1,531	4,475	75 00
United States Vessels, steam.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
" " sail.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Total, Newcastle District Canals.	146	2,944	1,531	.....	.....	.....	.....	2,944	1,531	4,475	75 00

RECAPITULATION.

CANADIAN VESSELS.												
<i>Steam and Sail.</i>												
Welland.....	2,131	112,866	99,469	103,645	1,071	65	30,052	146,917	247,634	256,634	504,268	8,103 35
St. Lawrence.....	8,903	873,878	659,230	45,975	10,183	.....	633	41,716	920,286	702,510	1,622,796	14,354 89
Chambly.....	1,020	35,329	37,203	12,269	1,564	.....	.....	32,380	47,798	69,583	117,381	1,154 21
Ottawa.....	2,718	65,233	278,795	.....	24,530	.....	93	.....	65,325	303,325	308,651	3,553 00
Rideau.....	2,382	70,200	76,919	665	.....	.....	.....	.....	70,865	76,919	147,784	1,669 32
St. Peter's.....	1,691	41,079	41,518	.....	.....	.....	.....	.....	41,079	41,518	82,597	2,096 56
Newcastle District Canals.....	146	2,944	1,531	.....	.....	.....	.....	.....	2,944	1,531	4,475	75 00
Total Canadian.....	18,991	1,201,529	1,194,665	162,554	36,277	65	30,778	221,013	1,395,932	1,452,020	2,847,932	31,006 33
UNITED STATES VESSELS.												
<i>Steam and Sail.</i>												
Welland.....	654	579	518	2,311	1,868	131,280	3,083	9,151	140,222	142,817	283,039	4,917 33
St. Lawrence.....	1,206	1,109	6,521	4,779	7,813	9,282	48,892	4,622	64,261	28,238	92,499	761 51
Chambly.....	1,250	296	3,069	31,471	.....	.....	102	86,067	31,869	89,136	121,005	1,665 30
Ottawa.....	628	11,116	2,905	.....	47,027	.....	716	.....	11,832	49,832	61,764	1,414 38
Rideau.....	145	3,165	4,912	296	.....	.....	.....	.....	3,461	4,912	8,373	98 42
St. Peter's.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total United States.....	3,883	16,265	17,925	38,857	56,081	143,730	52,793	99,840	251,645	315,035	566,680	8,856 94
Grand Total, Canadian and United States.....	22,874	1,217,794	1,212,590	201,411	92,985	144,801	83,571	320,853	1,647,577	1,767,055	3,414,632	39,862 27

E. MIALLI,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th March, 1888

APPENDIX A—Continued.

No. (A) 40½—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation of 1886 and 1887, and the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1886.												
Welland Canal.....	30,034	77,296	31,276	9,863	239,562	224,916	26,176	341,012	327,048	653,087	980,135	186,416 54
St. Lawrence Canals.....	177,912	554,106	11,402	1,555	1,169	3,369	46,520	117,567	237,003	676,597	913,600	62,243 50
Chambly Canal.....	8,120	10,095	72,754	.....	.....	.....	.....	102,971	80,874	113,066	163,940	18,123 34
Rideau Canal.....	72,311	12,751	5,625	.....	.....	.....	303	.....	77,936	13,054	90,390	6,148 82
Ottawa Canals.....	2,580	186,529	166,226	.....	.....	.....	.....	.....	2,580	742,755	745,335	57,804 71
Burlington Bay Canal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1 08
St. Peter's Canal.....	13,139	12,748	.....	.....	.....	.....	.....	.....	13,139	12,748	25,887	1,405 31
Newcastle District Canals.....	18,491	725	.....	.....	.....	.....	.....	.....	18,491	725	19,216	384 54
1887.												
Welland Canal.....	23,849	76,130	32,518	18,557	151,074	189,427	34,490	251,873	241,931	535,987	777,918	144,561 75
St. Lawrence Canals.....	190,804	534,165	11,566	5,997	731	3,101	51,884	88,734	254,985	631,997	886,982	60,195 12
Chambly Canal.....	7,655	6,115	92,627	.....	.....	.....	.....	116,875	100,282	122,990	223,272	20,468 94
Rideau Canal.....	76,039	14,458	1,981	.....	.....	.....	.....	.....	76,020	14,458	92,478	5,417 21
Ottawa Canals.....	638	504,400	.....	178,009	.....	.....	.....	.....	638	682,409	683,047	54,997 02
Burlington Bay Canal.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St Peter's Canal.....	22,183	18,991	.....	.....	.....	.....	.....	.....	22,183	18,991	41,174	2,508 30
Newcastle District Canals.....	15,480	165	.....	.....	.....	.....	.....	.....	15,480	165	15,645	330 16

E. MIALI,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th March, 1888.

APPENDIX A—Continued.

No. 46.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1887.

WELLAND AND ST. LAWRENCE CANALS.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	18	146	26	208	15	120	1	8
10	13	130	10	100	1	10	2	20
15	9	135	4	60	3	45		
20	8	160	4	80	3	60		
25	14	350	6	150	5	125		
30	16	480	2	60	2	60	1	30
35	14	490	5	175	4	140		
40	13	520	38	1,520	2	80	1	40
45	4	180	4	180	2	90	1	45
50	9	450	18	650	1	50		
55	3	165	4	220			1	55
60	5	300	7	420	1	60	1	60
65	3	195	8	520				
70	4	280	7	490			1	70
75	2	150	9	675	1	75	1	75
80	2	160	16	1,280	1	80	4	320
85	2	170	12	1,020			5	425
90	4	360	15	1,350			25	2,250
95	2	190	19	1,805			51	4,845
100	4	400	19	1,900			54	5,400
105	6	630	25	2,625	1	105	37	3,885
110	4	440	17	1,870	1	110	16	1,760
115	3	345	16	1,840	1	115	8	920
120	3	360	10	1,200	1	120	5	610
125	2	250	9	1,125			3	375
130			9	1,170			6	780
135			6	810			1	135
140			15	2,100				
145	2	290	13	1,885				
150			21	3,150				
155	4	620	33	5,115				
160	1	160	16	2,500			3	480
165	2	330	12	1,980				
170			6	1,020				
175	1	175	5	875				
180			4	720				
185			9	1,665				
190	1	190	3	570	1	190		
195			5	975			1	195
200	2	400	5	1,000				
205	1	205	2	410			1	205
210	1	210	2	420				
215			3	645	2	430		
220	1	220	3	660			1	220
225	1	225	5	1,125			4	900
230			5	1,150			1	230
235			1	235			2	470
240	1	240	4	960	1	240	1	240
245	2	290	3	735			1	245
250	1	250	1	250			1	250
255			2	510	1	255	2	510
260			1	260			2	520
265			3	795			5	1,325
270	1	270	5	1,350	1	270	3	810
275	1	275	6	1,650			3	825
280	1	280	1	280			3	840

APPENDIX A—Continued.

No. 46.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—Continued.

WELLAND AND ST. LAWRENCE CANALS—Continued.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
285			9	2,565			5	1,425
290			1	290			2	580
295	2	590	5	1,475			2	590
300	2	600	5	1,500			6	1,800
305	2	610	7	2,135			4	1,220
310			5	1,550			3	930
315			5	1,575			5	1,575
320	1	320	9	2,880			2	640
325			4	1,300	1	325	5	1,625
330			7	2,310			2	660
335	2	670	5	1,675			3	1,005
340			8	2,720				
345	1	345	2	690				
350			2	700	1	350		
355			2	710			1	355
360			4	1,440	1	360		
365			4	1,460				
370	1	370	2	740				
375	1	375	3	1,125				
380			1	380				
385	1	385						
390			1	390			1	390
395	3	1,185						
400	1	400						
405							1	405
410	2	820	1	410				
415	2	830	1	415				
420			1	420			1	420
425			2	850			1	425
430			1	430	1	430		
435			1	435				
440	3	1,320	1	440	1	440		
445					1	445		
450	1	450	1	450				
455	1	455			1	455		
460								
465								
470							1	470
475			1	475				
480								
485	1	485					1	485
490			1	490				
495							1	495
500	1	500						
505								
510	2	1,020						
515			1	515				
520			1	520				
525					1	525		
530	1	530						
535								
540	3	1,620						
545								
550								
555								

APPENDIX A—Continued.

No. 46.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—Continued.

WELLAND AND ST. LAWRENCE CANALS—Concluded.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
560								
565								
570								
575								
580	4	2,320						
585	2	1,170						
590								
595	2	1,190						
600	1	600					1	600
605								
610								
615	1	615						
628			1	628				
640								
675	1	675						
690	1	690						
715	1	715						
769	1	769						
787			1	787				
879								
929	1	929						
990					1	990		
1,001			1	1,001				
1,024							1	1,024
1,035					1	1,035		
1,037					1	1,037		
1,195					1	1,195		
1,203					1	1,203		
1,425					1	1,425		
1,441					1	1,441		
Total....	240	35,619	621	95,969	66	14,486	308	47,492

RIDEAU, OTTAWA AND CHAMBLY CANALS.

8	51	408	85	680	15	120	4	32
10	9	90	25	250	3	30		
15	3	45	5	75	1	15		
20	7	140	5	100	4	80		
25	9	225	20	500				
30	5	150	5	150				
35	3	105	7	245				
40	4	160	9	360				
45	3	135	2	90				
50	4	200	5	250				
55	3	165	3	165			1	55
60	4	240	6	360			2	120
65	2	130	3	195			1	65
70	1	70	2	140				
75	2	150	9	675	1	75	3	225
80	1	80	6	480			5	400
85	1	85	9	765			12	1,020

APPENDIX A—Continued.

No. 46.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—Concluded.

RIDEAU, OTTAWA AND CHAMBLY CANALS—Concluded.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
90	2	180	13	1,170			34	3,060
95	5	475	27	2,565			82	7,790
100		500	36	3,600			93	9,300
105	7	105	29	3,045			59	6,195
110			12	1,320			34	3,740
115			9	1,035			13	1,495
120			8	960			5	600
125	1	125	11	1,375			1	125
130			8	1,040			1	130
135			5	675				
140			8	1,160				
145	1	145	10	1,450				
150	1	150	25	3,750			1	150
155			26	4,030				
160			15	2,400				
165			7	1,155			1	165
170			6	1,020				
175			3	525			1	175
180			1	180				
185			4	740				
190	1	190	1	190				
295			2	390				
210			1	210				
227			1	227				
240			1	240				
245	1	245	1	245				
380			1	280				
310			1	310				
332	1	332						
344	1	344						
371	1	371						
397	1	397						
Total.....	129	6,137	478	40,767	24	320	353	34,842

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A Continued—CANALS.

No. 47.—STATEMENT showing the Number and Classified Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1887.

WELLAND AND ST. LAWRENCE CANALS.											
CANADIAN.						UNITED STATES.					
Class	Steam Vessels.	No.	Tonnage.	Class.	Sailing Vessels.	No.	Tonnage.	Class.	Steam Vessels.	No.	Tonnage.
1	250 to 929 tons...	53	24,628	1	250 to 1001 tons...	126	42,571	1	250 to 1441 tons...	17	12,181
2	200 to 249 "...	9	1,790	2	200 to 249 "...	33	7,340	2	200 to 249 "...	3	670
3	150 to 199 "...	9	1,475	3	150 to 199 "...	114	18,570	3	150 to 199 "...	1	190
4	100 to 149 "...	24	2,715	4	100 to 149 "...	139	16,525	4	100 to 149 "...	4	450
5	50 to 99 "...	36	2,420	5	50 to 99 "...	110	8,430	5	50 to 99 "...	4	265
6	Under 50 "...	109	2,591	6	Under 50 "...	99	2,533	6	Under 50 "...	37	730
	Total.....	240	35,619		Total.....	621	95,969		Total.....	65	14,486
RIDEAU, OTTAWA AND CHAMBLY CANALS.											
1	250 to 397 tons...	4	1,444	1	250 to 310 tons...	2	590	1	250 to 300 tons...	1	250
2	200 to 249 "...	1	245	2	200 to 249 "...	4	922	2	200 to 249 "...	2	200
3	150 to 199 "...	1	340	3	150 to 199 "...	90	14,380	3	150 to 199 "...	3	150
4	100 to 149 "...	3	875	4	100 to 149 "...	136	15,660	4	100 to 149 "...	4	100
5	50 to 99 "...	25	4,775	5	50 to 99 "...	83	6,765	5	50 to 99 "...	1	75
6	Under 50 "...	94	1,458	6	Under 50 "...	163	2,450	6	Under 50 "...	23	245
	Total.....	129	6,137		Total.....	478	40,767		Total.....	24	320
INLAND REVENUE DEPARTMENT, OTTAWA, 8th September, 1888.											
											353
											34,842
											E. MIALL, Commissioner.

No. 48.—THE Canals of the Dominion of Canada, 1887.

RATES OF TOLLS.

The Rates of Tolls are divided into Five Classes, as under, and are per ton, unless otherwise specified.	Welland Canal, westward.	Welland Canal, eastward.	Lake Erie to Montreal.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock, each way.	Burlington Bay Canal, each way.	Rideau Canal, each way.	Ottawa Canals and St. Ann's Lock, each way.	Ottawa to St. John's, each way.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Class No. 1.</i>									
Vessels, Steam..... per ton.	0 01 $\frac{1}{4}$	0 01 $\frac{1}{4}$	0 02 $\frac{1}{2}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 01	0 01 $\frac{3}{4}$	0 00 $\frac{1}{2}$	0 01 $\frac{1}{2}$
do • Sail and other. do	0 02 $\frac{1}{4}$	0 02 $\frac{1}{4}$	0 03 $\frac{1}{4}$	0 01 $\frac{1}{2}$	0 01 $\frac{1}{4}$	0 01	0 02 $\frac{1}{4}$	0 01	0 02 $\frac{1}{2}$
<i>Class No. 2</i>									
Passengers, 21 years of age and upwards.....	0 10	0 10	0 20	0 10	0 05		0 08	0 02 $\frac{1}{2}$	0 09 $\frac{3}{4}$
Passengers, under 21 years each.....	0 05	0 05	0 10	0 05	0 02		0 04	0 01 $\frac{1}{2}$	0 09 $\frac{1}{2}$
<i>Class No. 3.</i>									
Bricks, Cement and Water Lime.....									
Clay, Lime and Sand.....									
Brimstone.....									
Corn.....									
Flour.....									
Iron, Railway.....									
do Pig.....									
do all other.....									
Plaster, Gypsum.....									
Salt.....	15	0 20	0 20	0 15	0 10		0 07	0 06	0 19 $\frac{3}{4}$
Salt Meats or Fish, in barrels or otherwise.....									
Agricultural Products, Vegetable, not enumerated.....									
Agricultural Products, Animal, not enumerated.....									
Stone, for cutting.....									
Wheat.....									
<i>Class No 4.</i>									
All other Articles, not enumerated..	0 15	0 20	0 20	0 20	0 10		0 26	0 14	0 29
<i>Class No. 5.</i>									
Bark.....	0 20	0 20	0 20	0 15	0 10		0 07	0 06	0 19 $\frac{1}{2}$
Barrels, Empty, each.....	0 02	0 02	0 02	0 02	0 02		0 02	0 01	0 03 $\frac{1}{2}$
Boat Knees, each.....	0 05	0 05	0 05	0 02	0 02		0 02	0 01	0 03 $\frac{1}{2}$
Floats, per 1,000 lineal feet.....	1 40	1 40	1 40	1 20	1 40		1 05	0 50	2 05
Firewood, per cord, in Vessels	0 20	0 20	0 20	0 20	0 10		0 15	0 08	0 23
do do Rafts.....	0 25	0 25	0 25	0 25	0 15		0 19	0 09	0 30 $\frac{1}{2}$
Hoops	0 25	0 25	0 25	0 20	0 15		0 15	0 10	0 30
Masts and Spars, Telegraph Poles, per ton of 40 cubic feet, in Vessels..	0 15	0 15	0 15	0 05	0 05		0 08	0 07	0 13 $\frac{1}{2}$
Masts and Spars, Telegraph Poles, per ton of 40 cubic feet, in Rafts...	0 20	0 20	0 20	0 10	0 10		0 15	0 10	0 22 $\frac{1}{2}$
Railway Ties, in Vessels, each.....	0 01	0 01	0 01	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$		0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 01 $\frac{1}{2}$
do Rafts, each	0 02	0 02	0 02	0 01	0 01		0 02	0 01	0 02 $\frac{1}{2}$
Sawed Stuff, Boards, Plank, Scantling and Sawed Timber, per M. feet, board measure, in Vessels.....	0 30	0 30	0 30	0 15	0 10		0 11 $\frac{1}{4}$	0 06 $\frac{3}{4}$	0 20
Sawed Stuff, Boards, Plank, Scantling and Sawed Timber, per M. feet, board measure, in Rafts.....	0 60	0 60	0 60	0 30	0 20		0 19	0 09	0 36 $\frac{1}{2}$
Square Timber, per M. cubic feet, in Vessels.....	3 00	3 00	3 00	1 00	1 00		0 56	0 44	1 69
Square Timber, per M. cubic feet, in Rafts.....	4 50	4 50	4 50	2 00	2 00		1 12	0 63	3 13

Free under O.C. of 1st April, 1870.

No. 48.—Continued.

RATES OF TOLLS—Continued.

The Rates of Tolls are divided into Five Classes, as under, and are per ton, unless otherwise specified.	Welland Canal, westward.	Welland Canal, eastward.	Lake Erie to Montreal.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock, each way.	Burlington Bay Canal, each way.	Rideau Canal, each way.	Ottawa Canals and St. Ann's Lock, each way.	Ottawa to St. John's, each way.
<i>Class No. 5—Continued.</i>	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Waggon Stuff, Woodenware and Wood, partly manufactured, per ton of 40 cubic feet.....	0 40	0 40	0 40	0 40	0 25	} Free under O.C. of 1st April, 1873.	0 30	0 20	0 55
Shingles, per M.....	0 96	0 06	0 06	0 06	0 04		0 04½	0 02½	0 08
Split Posts and Fence Rails, per M., in Vessels.....	0 40	0 40	0 40	0 40	0 20		0 23	0 12	0 42
Split Posts and Fence Rails, per M., in Rafts.....	0 80	0 80	0 80	0 80	0 40		0 38	0 17	0 77
Sawlog, each standard log.....	0 08	0 08	0 08	0 08	0 05		0 06	0 06	0 13
Staves and Headings, Barrel, per M.....	0 40	0 40	0 40	0 20	0 15		0 15	0 10	0 30
do do Pipe do ...	1 50	1 50	1 50	1 00	1 00		0 75	0 50	1 75
do do W. India do ...	0 75	0 75	0 75	0 60	0 25		0 45	0 25	0 65
do do Salt Barrel, sawn or cut, per M.....	0 08	0 08	0 08	0 04	0 03		0 03	0 02	0 06
Traverses, per 100 pieces.....	0 50	0 50	0 50	0 50	0 40		0 50	0 15	0 67½
Hop Poles, per 1,000 pieces.....	2 00	2 00	2 00	2 00	1 50		1 50	0 65	2 65
<i>Special Class.</i>									
Gypsum, crude (per O.C., 23th Oct., 1882).....	0 15	0 05		0 05	Westward.....				
Coal.....	0 20	0 20	0 20	0 15	0 10		0 08	0 05	
Stone, unwrought, corded, and not suitable for cutting, per cord.....	0 75	0 75	0 75	0 60	0 37½		0 28	0 24	
Kryolite, Iron Ore or Chemical Ore.....	0 05	0 05	0 05	0 05	0 05		0 05	0 05	
Ice.....	0 05	0 05	0 05						

NOTE.—Coal to pass up all Canals, except the Welland Canal, free of Toll, as per Order in Council, 7th June, 1869.

Logs, Lumber or other produce shall pass free of Toll down the Chippawa Creek, between the Aqueduct and Port Robinson, as per O.C., 18th May, 1863.

Iron Ore, Kryolite or Chemical Ore, through one section, or all the Canals, per ton, 5 cents.

All goods having paid full Toll through the whole line of the St. Lawrence Canals, or through the Lachine Canal, St. Ann's Lock, or Ottawa and Rideau Canals, shall be allowed to pass free through the Welland Canal; and if Tolls have been paid at the Chambly Canal, such Tolls shall be refunded at Montreal or Kingston Mills; and having paid full Tolls through the Welland Canal, they shall be allowed to pass free through the St. Lawrence Canals, or through the Ottawa and Rideau Canals, St. Ann's Lock, the Lachine Canal and the Chambly Canal; Provided always, that the articles to be entitled to the above exemptions shall go downwards through the whole length of the Canal to Montreal, or pass upward from Montreal through the whole length of the St. Lawrence Canals, or the Ottawa and Rideau Canals to Lake Ontario.

All articles, goods or merchandise not enumerated above, to be charged to Class No. 4.

No Let Passes to be issued to Steam Tugs or other small vessels for less than 25 cents, as a minimum charge; but such vessels, not carrying freight or passengers, can obtain, on payment of \$30, a season "Let Pass," which will pass them up and down the Canals as often as desired.

Goods shipped to any port west of the St. Lawrence Canals, Tolls upon which have already been paid for passage through such Canals, may be re-shipped from such ports and be passed through the Welland Canal free of Tolls, in the same way as if they had been shipped through direct in the first instance; and goods going eastward, having paid Welland Canal Tolls, may be transhipped at any port on Lake Ontario, and thereafter pass free through the St. Lawrence Canals, as if they had been shipped through direct in the first instance.

No. 48.—Continued.

O.C., 7th September, 1876.—On the recommendation of the Honorable the Minister of Public Works, and under the provisions of the Act passed in the session of the Parliament of Canada held in the 31st year of Her Majesty's reign, chaptered 12, and intitled "An Act respecting the Public Works of Canada," His Honor, by and with the advice of the Queen's Privy Council of Canada, has been pleased to order, and it is hereby ordered, that in addition to the Tolls authorized to be levied by Order in Council, dated the 10th September, 1874, for the use of the Locks at Hastings, Newcastle District, a charge of fifty (50) cents be and the same are hereby imposed and authorized to be collected on steamers (when towing freight) and on other boats passing through said Locks.

O.C., 22nd April, 1884.—The Committee, on the recommendation of the Minister of Inland Revenue, advise that the Order in Council, dated 18th September, 1873, authorizing that all vessels owned or chartered by persons having contracts for the enlargement or repair of any of the Canals and employed by them in removing earth or carrying materials necessary for the prosecution of such works, be entitled to pass through such Canals free of Tolls, be amended by adding thereto after the last word "Tolls" the words "upon such vessel and cargo," and that the said amendment be deemed to apply from the date of the aforesaid Order in Council.

CERTIFIED COPY of a Report of a Committee of the Honorable the Privy Council approved by His Excellency the Governor General in Council, on the 28th March, 1887.

On a memorandum, dated 26th March, 1887, from the Minister of Railways and Canals, recommending that for the coming season of navigation, and no longer, the rate of Toll to be paid for the passage through the Welland and St. Lawrence Canals only, of the undermentioned food products when shipped for Montreal or any other Canadian port east of Montreal, be fixed at two (2) cents per ton, namely, Wheat, Indian Corn, Peas, Barley and Rye.

The Committee submit the above recommendation for Your Excellency's approval.

JOHN J. MCGEE,
Clerk Privy Council.

O.C., 13th June, 1887.—On a memorandum, dated, 9th June, 1887, from the Minister of Railways and Canals, representing that by an Order in Council of the 28th March, 1887, a special reduced rate has been granted for the current season in the case of Wheat, Indian Corn, Peas, Barley and Rye, for passage through the Welland and St. Lawrence Canals, when shipped for Montreal or for any other Canadian port east of Montreal, this rate being two (2) cents per ton covering all those Canals.

The Minister further represents that under the ordinary rates, all goods on which full Tolls have been paid for passage through the Welland are entitled, provided they go downwards the whole distance to Montreal, to free passage through the St. Lawrence Canal System, such goods, however, if they enter the St. Lawrence System, and do not pass through to Montreal, are not exempt, but pay the full local Toll, 3¼ cents, for each section entered out of the four sections into which this System is divided.

The Minister recommends that in the case of the food products above enumerated, they shall be entitled to exemption even if they do not traverse the whole of the distance to Montreal, and that having paid full Tolls for passage through the Welland Canal, they shall be free from any further Toll on the St. Lawrence Canals.

The Committee submit the same for Your Excellency's approval.

49 VIC., CHAP. 32.

AN ACT RESPECTING THE BURLINGTON BAY CANAL.

[Assented to 2nd June, 1886.]

WHEREAS it is expedient in the interests of navigation, and for the convenience of the public, that Tolls for the use of the public work hereinafter mentioned should no longer be collected: Therefore Her Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. Notwithstanding anything contained in the Act thirty-first Victoria, chapter twelve, intitled: "An Act respecting the Public Works of Canada," no Tolls shall hereafter be payable or collected in respect of the use of the public work near the city of Hamilton, in the Province of Ontario, commonly called the Burlington Bay Canal.

O.C., 16th May, 1887.—On a recommendation, dated 13th May, 1887, from the Minister of Railways and Canals, recommending that the provisions of the Order in Council of the 28th June, 1883, whereby steamers specially chartered for conveyance of excursion parties going and returning on the same boat, the same day, were charged one-half the usual passenger Tolls for passage through the Lachine Canal and St. Ann's Lock throughout the season, be continued in force for the present season of 1887 only.

The Committee submit the same for Your Excellency's approval.

(Sgd.) JOHN J. MCGEE,
Clerk Privy Council.

No. 48—Continued.

ST. PETER'S CANAL.		Cents.
On each and every vessel passing through the said Canal, two cents per ton on the vessel, and one cent per ton on the freight, each way.		
BOBCAYGEON, PETERBORO' AND HASTINGS LOCKS.		
<i>Bobcaygeon Locks.</i>		
For every lockage of saw log or other cribs.....		50
For every lockage of saw logs on scows, per log.....		1/3
For every lockage of ties or cedar posts, per 100 pieces.....		25
For every lockage of sawn lumber, per M. feet.....		1
For cordwood, shingle bolts or other merchandise, per cord.....		5
For every lockage of ore, per ton.....		1
<i>Peterboro' Locks.</i>	<i>Hastings Locks.</i>	
Same as Bobcaygeon.	Same as Bobcaygeon.	
<p>O.C., 3rd Sept., 1887.—On the recommendation of the Minister of Railway and Canals, and under the authority of the 13th Section of Chap. 37, of the Revised Statutes of Canada, intituled, "An Act respecting the Department of Railways and Canals."</p> <p>His Excellency in Council has been pleased to order, and it is hereby ordered, that the existing rate of Toll on Cordwood and Logs passing through the Bobcaygeon, Peterboro' and Hastings Locks, on the Trent Valley Canal, be and the same is hereby amended, as follows:—</p> <p>On Cordwood, the rate to be levied shall be 3 cents per cord in lieu of 5 cents, and on Logs, 3/4 cent each in lieu of 1/2 cent.</p>		
The following Way Rates to be levied on Vessels and Property passing the several Sub-Divisions of the Canals.		
WELLAND CANAL.		Rates.
1. From Port Maitland, Dunnville and Port Colborne to Port Robinson or Allanburg, not passing the Lock, each way.....		1
2. From Chippawa Cut, or any part thereof, to Dunnville, Port Maitland or Port Colborne.....		1
3. From Dunnville to Port Colborne.....		1
4. From Thorold to St. Catharines or Port Dalhousie.....		1
5. From Maitland, Dunnville, Colborne or Port Robinson to Marshville and intermediate places.....		1
6. From Marshville or intermediate places to Port Maitland, Dunnville, Port Colborne and Port Robinson.....		1
7. From Port Robinson to Allanburg to Thorold.....		1
8. do St. Catharines or Port Dalhousie.....		1
9. From St. Catharines to Port Dalhousie.....		1
10. From Dunnville to Maitland.....		1
11. From Port Robinson through the Lock and Chippawa Cut.....		1
12. From Port Colborne to Port Maitland.....		1
13. From Chippawa Cut through Lock to Port Robinson.....		1
14. From Colborne, Dunnville, Maitland and Marshville to Thorold.....		1
15. do do do St. Catharines.....		1
16. Through the Chippawa Cut only.....		1
17. Through the Port Robinson Lock only.....		1
ST. LAWRENCE CANALS.		
<p>The Navigation to be divided into four sections, viz.: Cardinal, Cornwall, Beauharnois and Lachine. Tolls to be levied on all vessels and property in proportion to the number of sections passed through.</p>		

No. 48—Continued.

The following Way Rates to be levied on Vessels and Property passing the several Sub-Divisions of the Canals.

CHAMBLY CANAL.

	Rate.
Vessels and property passing from Sorel to Chambly, to pay.....	1/2
do Chambly to St. John's, to pay.....	3/4

OTTAWA CANALS.

The Navigation to be divided into three sections, viz.: Grenville, Carillon and St. Ann's. Tolls to be levied on all vessels and property in proportion to the number of sections passed through.

RIDEAU CANAL.

The Navigation of this Canal is divided into three sections: "Ottawa," "Smith's Falls" and "Kingston Mills." Vessels and freight passing one section to be charged one-third; two sections, two-thirds.

GENERAL.

Any fraction of a ton freight to be charged one ton, and portions of sections to be charged as a whole section on all the above Canals.

The passing of Saw-Logs or other Lumber through any of the Canals, or sections thereof, is to be at all times governed by the Regulations for their management.

HARBOR DUES.

Vessels receiving or discharging Freight at the premises of the Welland Railway, at Ports Colborne or Dalhousie, are to be free from Harbor Dues; but all other Vessels discharging or receiving cargo at Port Dalhousie, Port Colborne or Port Maitland, shall pay on every ton of Freight so received or discharged—Two cents.

No. 48—Continued.

STANDARD FOR ESTIMATING WEIGHTS.

	Tons.		Tons.
2,000 lbs avoirdupois.....	1	Stone, 12 cubic feet.....	1
Per M. is per thousand feet.....		do 1 cord.....	7½
Per Mille is per thousand pieces.....		Whiskey, 4 barrels or 215 gallons.....	1
Green Fruit, 9 barrels are.....	1	Empty Barrels, 10.....	1
Ashes, 3 barrels are.....	1	Barrel Hoops, 10 Mille.....	1
Bark, 4 cords.....	1	Board and other Sawn Lumber, 600	
Beef, 7 barrels.....	1	feet, board measure.....	1
Biscuit and Crackers, 9 barrels.....	1	Boat Knees, 4.....	1
Bricks, common, 1,000.....	2	Firewood, 1 cord.....	3
Butter, 22 kegs or 7 barrels.....	1	Hop Poles, 60. or 40 cubic feet.....	1
Cattle, 3.....	1	Shingles, 12 M. or bundles.....	1
Cement and Water Lime, 7 barrels.....	1	Split Posts and Fence Rails, 1 Mille.....	1
Fire Bricks, 1,000.....	3	Staves and Headings, Pipe, 1 Mille.....	8
Fish, 7 barrels.....	1	do do W. India, 1 Mille...	4
Flour, 9 barrels.....	1	do do Barrel, 1 Mille.....	2½
Gypsum and Manganese, 6 barrels.....	1	do do Salt Barrel, 1 Mille.....	1
Horses 2.....	1	Saw Logs, Standard, 1.....	1
Lard and Tallow, 7 barrels or 22 kegs..	1	Square Timber, 50 cubic feet.....	1
Liquors and Spirits, 215 gallons.....	1	Telegraph Poles, 10, or 40 cubic feet....	1
do all others, 215 gallons.....	1	Masts and Spars, 40 cubic feet.....	1
Nuts, 9 barrels.....	1	Railroad Ties, 16, or 50 cubic feet.....	1
Oysters, 6 barrels.....	1	All other Woodenware, or partly manu-	
Pork, 7 barrels.....	1	factured Wood, 40 cubic feet, as per	
Salt, 7 barrels.....	1	Tariff.....	1
Seeds, 9 barrels.....	1	Traverses, 40 cubic feet or 5 pieces.....	1
Sheep, 20.....	1	Floats, 50 lineal feet.....	1

NOTE.—By the Weights and Measures Act of 1873, the following articles are to be estimated by the cental of 100 lbs., viz.:—Barley, Beans, Charcoal, Corn, Oats, Peas, Potatoes, Rye, Salt, Seeds and Wheat.

No. 48—Continued.

RATES OF TOLL ON PROPERTY STORED AT THE SHEDS AT LACHINE CANAL BASIN.

A PROCLAMATION.

WHEREAS it is expedient to provide for the levying of Tolls on the several Public Works constructed at the expense of the Province hereinafter mentioned: Know Ye, therefore, that from and after the date of these presents, and until such further time as Her Majesty's pleasure shall be made known in this behalf, there shall be paid for the use of Her Majesty, Her Heirs and Successors, to such person or persons as shall be duly authorized to receive the same, for passage and in the name of Tolls, the several sums agreeable to the scales which accompany these presents Of all which Her Majesty's loving subjects, and all others whom these presents may concern are hereby required to take notice and to govern themselves accordingly.

(Given under my hand and seal, at Montreal, this twenty-first day of August, in the year of Our Lord one thousand eight hundred and forty-six, and in the tenth year of Her Majesty's Reign.

By command,
(Signed) D. DALY, (Signed) CATHCART.
Secretary.

Table of the Tolls to be levied upon Property Stored at the Sheds at the Lachine Canal Basin.

	s.	d.
Wheat and other grain, per week, per bushel.....		$\frac{1}{2}$
Flour and meal do per barrel.....	2	
Pork, beef, butter and lard do do.....	3	
Muscovado sugar do per hhd, 6d. per barrel.....	3	
Liquors { do per pipe. 9d. per puncheon.....	7	$\frac{1}{2}$
{ do per hhd., 6d. per quarter cask.....	4	
Iron (bars) do per ton.....	1	0
Iron (pig) do do.....		6
Salt do per 100 minots.....	1	8
Bales, crates, cases, &c. do per ton weight or measurement.....	1	0
Coals do per chaldron.....		6

1. No charge made for property stored in the Sheds at the Lachine Canal Basin, for the first forty-eight hours, after which period the foregoing rate of storage for the use of the sheds, are to be raised, levied and collected.

2. Articles unenumerated are to be charged according to the above rates.

3. All property stored in the sheds remaining after the first forty-eight hours, will be liable to one week's storage, although it only should have been stored for a portion of the same, and so on for each succeeding week.

4. The labor of receiving property into the sheds and delivering the same, to be at the expense of, and to be furnished by the owners of the property or their agents.

5. All property stored in these sheds to be at the risk of the proprietor, from damage by fire or otherwise.

6. All dues for storage to be paid before the removal of the property.

Notice is hereby given that His Excellency the Governor General in Council has been pleased to authorise the Tolls levied upon property stored at the sheds at the Lachine Canal Basin, under Proclamation dated 21st August last, to be continued until further orders.

By command,
(Signed) J. W. DUNSCOMB,
Commissioner of Customs.

INSPECTOR GENERAL'S OFFICE,
CUSTOMS DEPARTMENT, 23th October, 1846.

INSPECTOR GENERAL'S OFFICE,
CUSTOMS DEPARTMENT,
TORONTO, 31st May, 1858.

Notice is hereby given that His Excellency the Governor General has been pleased by an Order in Council bearing this day's date, to order and direct that the storage of flour in the sheds at the Lachine Canal Basins at Montreal be, until otherwise ordered, governed by the following regulations, viz. :—

1. Flour shall be allowed to remain in the sheds for two whole days free of charge;
2. If kept there beyond two days or 48 hours, such flour to be liable to a charge of one cent per day per barrel, for the first four days after the expiration of the 48 hours of exemption;
3. Should the flour be kept in the sheds beyond four days at one cent per day per barrel, it shall be liable to pay two cents per day per barrel for every day subsequent to the expiration of such four days;
4. Any part of a day to be considered as one day.

By command,
(Signed) R. S. M. BOUCHETTE,
Commissioner of Customs.

No. 48.—Continued.

PRIVY COUNCIL OFFICE,
OTTAWA, 12th June, 1860.

On the recommendation of the Honorable the Minister of Railways and Canals, the Committee advise that the rates chargeable for the storage of salt at the St. Gabriel's Sheds, Montreal, under the authority of an Order in Council, dated 1st July, 1846, whereby such rates were fixed at one cent per bag per week, after the expiry of the first 48 hours, be now amended, and the rate be reduced to one-half a cent per bag per week after the first 48 hours.

The Committee submit the above recommendation for Your Excellency's approval.

(Signed) J. O. COTÉ,
Clerk Privy Council.

TOLLS ON VESSELS TRADING TO LOWER PORTS AND ENTERING THE LACHINE CANAL AT MONTREAL HARBOR.

GOVERNMENT HOUSE,
QUEBEC, 8th June, 1860.

His Excellency the Governor in Council is pleased to order, and it is hereby ordered, that from and after the date hereof, the following Rates of Toll shall be levied upon Vessels trading to Lower Ports, and entering the Lachine Canal from the harbor of Montreal, and on certain goods herein mentioned; said Vessels to be allowed 48 hours for discharge of cargo before the following be incurred; and said discharge to be made below the St. Gabriel Lock.

Class of Vessel	Rate of Toll.
Steamboats measuring 50 tons and upwards, per Ton Register, per day of 24 hours.....	8 mills.
All other vessels measuring 50 tons and upwards, per Ton Register, per day of 24 hours.	4 do
Steamboats measuring under 50 Tons Register, each day of 24 hours.....	40 cents.
All other vessels measuring from 25 to 50 Tons Register, per day of 24 hours.....	20 do
All vessels measuring less than 25 Tons Register, per day of 24 hours.....	10 do
Coal, per chaldron.....	10 do
Salt, per 100 Minots.....	15 do
Iron of all kinds, per ton weight.....	15 do
Merchandise as in Class No. 6 of the Tariff of Tolls on Provincial Canals.....	10 do

Provided always that the above Tolls be levied only on goods for consumption in Montreal, and on vessels trading with that Port.

(Signed) W. H. LEE,
Clerk Privy Council.

CHARGES FOR WHARFAGE OF FIREWOOD ON WHARVES AND BANKS OF LACHINE CANAL.

O. C. 7TH AUGUST, 1860.

1. On the recommendation of the Honorable Commissioner of Public Works, His Excellency the Governor General in Council is pleased to order, and it is hereby ordered, that the Rates of Toll authorized by an Order of His Excellency in Council of the 8th June last, to be collected on Firewood on Wharves at Lachine and Lachine Canal, and lying between Wellington Bridge and Lock No. 5, and on Wharves in Lachine Canal Basin, be, and they are hereby altered and changed, and His Excellency is pleased to order that in lieu thereof the following Rates of Tolls shall be collected as herein mentioned, that is to say:—

2. Firewood landed on Wharves or Banks of the Canal, or in Boats, Barges or other Craft, occupying any of the Basins between Wellington Street Bridge and Lock No. 3, 4 cents per cord, and for every day the wood is allowed to remain in either the Canal or Basin, or on the Wharves or Banks after the first five days, an additional charge of 4 cents per cord will be made.

	For receiving Timber, &c., to include use of Basin or Wharf for one month.	For each succeeding month during Season of Navigation.	For Wintering in Basin or on Wharf.
Firewood on bank of Canal between Lock No. 3 and Lock No. 5, and on Wharves in Canal Basin at Lachine.....	3 cents.	3 cents.	3 cents.

No. 48—Continued.

GOVERNMENT HOUSE,
QUEBEC, 27th January, 1862.

Present:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

On the recommendation of the Hon. the Commissioner of Public Works, His Excellency in Council has been pleased to order, and it is hereby ordered, that the provisions of the Order in Council of the 8th day of June, 1860, as amended by the Order in Council of the 7th of August following, respecting the Rates of Toll to be collected on Firewood on Wharves at Lachine, and the Lachine Canal and Basin, be, and they are hereby extended and made applicable to the Banks and Grounds at Côte St Paul and at Lachine.

(Signed) W. H. LEE,
C. F. C.

GOVERNMENT HOUSE,
OTTAWA, 4th February, 1880.

Present:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

Whereas by Order in Council dated the 8th June, 1860, authority was given for the collection of the following Rates of Toll on "Firewood on Bank of Canal between Lock No. 3 and Lock No. 5, and also on Wharves in Canal Basin at Lachine":

	Per Cord.
For receiving timber, &c., to include use of Basin or Wharf for one month.....	3 cents.
For each succeeding month during the Season of Navigation.....	do
For wintering in Basin or on Wharf.....	do

And whereas it has been shown that at present great difficulty exists in the collection of monthly dues on firewood, and the abolition of these charges will facilitate business and add to the revenue; His Excellency the Governor General in Council, on the recommendation of the Honorable the Minister of Railways and Canals, has been pleased to order, and it is hereby ordered, that the clause of the Order in Council of the 8th June, 1860, under which said charges have been payable, be, and it is hereby cancelled, such cancellation to take effect on and after the 1st July, 1880.

(Signed) J. O. COTÉ,
Clerk Privy Council.

THE CANAL BASINS WITHIN THE CITY LIMITS OF MONTREAL TO BE CONSIDERED AS PART OF THE MONTREAL HARBOR FOR CERTAIN PURPOSES.

GOVERNMENT HOUSE,
OTTAWA, 8th August, 1878.

Present:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

1. WHEREAS the Honorable the Minister of Public Works has represented: That under existing Regulations for the collection of Canal Tolls, eastern bound Vessels having paid the charges one way in full through the Welland Canal are chargeable one Section Canal Toll if re-entering the Lachine Canal;

2. That Vessels loaded with grain destined for the Montreal Harbor frequently unload only part of their cargoes on board sea-going Vessels in that Harbor, and re-enter the Lachine Canal for the purpose of unloading the balance of their cargoes either in Elevators or Mills located along the Canal Basin;

3. That in his opinion, those Vessels having paid the charges one way in full through the Welland Canal, should be allowed to re-enter the Lachine Canal free of Tolls, for the purpose before mentioned.

4. Whereupon His Excellency in Council, on the recommendation of the Honorable the Minister of Public Works, has been pleased to order, and it is hereby ordered, that the Canal Basins within the City Limits be considered as part of the Montreal Harbor, in so far only as regards the collection of Tolls on the class of Vessels above referred to, which re-enter that portion of the Canal for the purpose of unloading the balance of their cargoes, but that the same shall not apply any further, as in the event of Vessels returning to the Harbor to take cargo, in which case the usual Toll shall be charged against them on passing out of the Canal a second time into the Harbor.

(Signed) W. A. HIMSWORTH,
Clerk Privy Council.

No. 48—Continued

GOVERNMENT HOUSE, OTTAWA, 12th July, 1881.

Present:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

5. Whereas representations have been made by parties interested, showing that vessels laden with grain for delivery in Montreal Harbor, frequently also carry deck loads of phosphates, and that being compelled to proceed at once to the Harbor for the discharge of the grain, they pay tolls through to that point, subsequently re-entering the Lachine Canal for the storage of the phosphates and in accordance with the existing regulations, paying canal dues a second time for such re-entry.

6. And whereas a similar difficulty having been experienced with regard to the storage of surplus grain not required for shipment, an Order in Council was passed on the 8th of August, 1878, allowing re entry free of Tolls for the purpose indicated; His Excellency in Council, on the recommendation of the Hon. the Acting Minister of Railways and Canals, has been pleased to order, and it is hereby ordered, that the Lachine Canal Basin within the Montreal City limits, be henceforward considered as part of the Montreal Harbor, for the purposes of the unloading of phosphates carried by vessels in addition to their grain cargoes as above described; it being however provided that in the event of their returning to the Harbor to take cargo, the usual Tolls shall be charged against such vessels on their passing out of the Canal a second time.

(Signed), J. O. COTÉ, Clerk Privy Council.

RATES OF CHARGES ON VESSELS WINTERING IN LACHINE CANAL.

GOVERNMENT HOUSE, OTTAWA, 22nd August, 1879.

Present;

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

1. Whereas, the Honorable the Acting Minister of Railways and Canals has represented that by the Act 36 Vic., Chap. 128, a system of Measurement and Registration of Shipping was for the sake of uniformity adopted, which, by including portions of a Vessel exempted from Measurement by the "Merchants Shipping Act," previously in force, has very largely added to the nominal tonnage of Vessels, and that it has, accordingly, become necessary that the rates per ton formerly charged for wintering Vessels in the Lachine Canal should be altered to meet the new conditions of Measurement.

2. His Excellency, on the recommendation of the Acting Minister of Railways and Canals, and by and with the advice of the Queen's Privy Council of Canada, has been pleased to order, and it is hereby ordered: that the following wintering charges be, and the same are hereby substituted in place of the rates at present charged, viz:

3. For each Boat, Barge, Scow or other Vessel of ten (10) tons measurement and under, seventy (70) cents per vessel for the entire winter; and every ten (10) tons above the first ten, an additional rate of eight (8) cents.

(Signed), W. A. HIMSWORTH, Clerk Privy Council.

CHARGES FOR WINTERING VESSELS IN RIDEAU CANAL.

CERTIFIED COPY of a report of a Committee of the Honorable the Privy Council, approved by His Excellency the Governor General in Council, on the 19th March, 1887.

On a memorandum dated 18th March, 1887, from the Minister of Railways and Canals, recommending that the winterage dues for vessels wintering in the Canal Basin, at Ottawa, or other points along the line of the Rideau Canal, be fixed as under:

In Canal Basin, Ottawa, Steamers, per season	\$ 8 00
" " Barges "	4 00
Inside Locks " Steamers "	50 00
" " other stations " "	15 00

and further, that if he deems it advisable that authority be granted to take security from parties wintering their vessels in Locks against damage to Government property by fire.

The Committee submit the same, for Your Excellency's approval.

(Signed), JOHN J. MCGEE, Clerk Privy Council.

No. 48—Continued.

RATES AND DUES LEVIED ON VESSELS LOADING AND UNLOADING IN THE NEW BASIN, LACHINE CANAL.
O. C., 26TH JANUARY, 1883.

1. On a Report dated 19th January, 1883, from the Minister of Railways and Canals, submitting an application dated 17th August, 1882, from the Montreal Harbor Commissioners for the extension to the new Lower Basin of the Lachine Canal of certain powers of levying tolls conferred upon the Corporation by the Act 18 Vic., ch. 143, in respect of the Lower Basin in the old Canal.

2. The Minister further submits that the Commissioners urge that the new Basin is used by sea-going vessels which have traversed the improved deep-water channel between Quebec and Montreal, upon which large sums of money have been expended by the Trust, and that by this action the Harbor revenues are likely to be seriously affected.

3. The Minister represents that the matter having been referred for report to the Chief Engineer of Canals, who states to the effect, under date 12th January inst., that at the time of the passage of the Act cited (1855) the municipality was responsible for the expenditure incurred in deepening the channel of the river, and that the Government about ten years later assumed the debt in respect of Lake St. Peter, amounting to \$1,164,235; further, that the Harbor Commissioners have not in any way aided in the construction of the new Canal entrance and Basins, and that he is unable to see grounds for giving them control over the revenue which may arise therefrom.

4. The Chief Engineer suggests that the Commissioners should be allowed to retain the right of levying dues in respect of the old Lower Basin, but that the Government should retain full control of the new works and Basins, and of the revenue that may be derived from their use, and he advises that the rates should be levied by the Government on vessels loading or unloading in the new Basins equal and similar to those levied by the Commissioners in respect of the old Basin.

5. The Minister concurs in the view taken by the Chief Engineer, and recommends that authority be given in accordance therewith.

6. The Committee submit the above recommendation for Your Excellency's approval.

(Signed), JOHN J. MCGEE,
Clerk Privy Council.

RATES AND DUES TO BE LEVIED IN THE HARBOR OF MONTREAL UNDER AND BY VIRTUE OF THE ACTS 40 VIC., CHAP. 53, AND 42 VIC., CHAP. 28.

On and after the 1st day of April, 1881:—

TONNAGE DUES

To be levied on all Vessels in the Harbor.

On steamboats, for each day of twenty-four hours, or part of a day they remain in the harbor, reckoned from the hour of their arrival to that of their departure.....	1c. per ton register.
On all other vessels, per day, as aforesaid.....	½c. do

WHARFAGE DUES

To be levied on all Merchandise, Animals and things whatsoever landed or shipped in the Harbor.

All Goods, Wares and Merchandise, not elsewhere specified.....	25c. per ton.
Hay, Stray, Pig and Scrap Iron, Pot and Pearl Ashes.....	20c. do
Apples, Crates and their contents, Flour and Meal, Fish, Meats, Pitch, Potatoes, Tar, Horses, Neat Cattle, Sheep, Swine.....	15c. do
Ballast, Clay, Fire-Bricks, Gypsum, Lime, Marble, Phosphates, Sand, Salt.....	10c. do
Coal and Coke, Grain and Seeds of all kinds.....	7½c. do
Special—Bricks, 10c. per 1,000; Cordwood, 5c. per cord; Lumber, 10c. per 1,000 feet board measure.	

Bullion, Specie..... Free.
On all Goods, Wares and Merchandise whatsoever, the quantity of which by weight, measurement or other mode of estimate provided for in the Tariff, cannot be conveniently ascertained, it shall be lawful for the Harbor Commissioners to levy a rate of ¼ of 1 per cent. on the value thereof.

Each entry shall pay not less than 5 cents.

All property landed on the wharves for re-shipment shall only pay one wharfage.

The Ton mentioned in the Tariff of Wharfage Dues shall be 2,000 lbs. weight, or 40 cubic feet measurement, according to the Bill of Lading.

STANDARD FOR ESTIMATING WEIGHTS.

Ashes, Pot or Pearl.....	3 brls. to 1 ton.	Horses.....	2 to 1 ton.
Apples, Flour, Meal, Potatoes.....	9 do do	Neat Cattle.....	3 do
Fish, Meats, Pitch, Tar.....	7 do do	Sheep.....	15 do
		Swine.....	10 do

Certified,

(Signed), H. D. WHITNEY,
Secretary.

HARBOR COMMISSIONER'S OFFICE.

No. 48—Continued.

PRIVY COUNCIL OFFICE,
OTTAWA, 1st April, 1881.

I hereby certify that the foregoing Tariff has been approved by His Excellency the Governor General in Council, on this first day of April, 1881.

(Signed) J. O. COTÉ,
Clerk Privy Council.

At a meeting of the Harbor Commissioners of Montreal, held on the second of June, 1884, the following By-law was adopted under the authority of the Act 42 Vic., chap. 28. Present:—Andrew Robertson, Esq., Chairman; J. B. Rolland, Edward Murphy Henry Bulmer, Victor Hudon, Hugh McLennan, Chas. M. Gould, Hon. J. L. Beaudry (Mayor) and Andrew Allan Esq.

"Whereas it is expedient in the general interest of the Port of Montreal, that the charges on grain be reduced until the first of September next.

"Therefore it is hereby resolved, that the said rate on grain be reduced as aforesaid from seven and one-half (7½c.) per ton to one cent (1c.) per ton."

PRIVY COUNCIL, 7th June, 1884.

I hereby certify that the foregoing By-law of the Harbor Commissioners of Montreal, adopted under the authority of the Act 42 Vic., chap. 28, has been this day approved by His Excellency the Governor General in Council.

(Signed) JOHN J. MCGEE
Clerk Privy Council.

RATES OF TOLLS ON FLOATED TIMBER, &c, ENTERING THE BASIN AT LACHINE AND LACHINE CANAL.

O. C., 8TH JUNE, 1860.

1. His Excellency the Governor General in Council is pleased to order, and it is hereby ordered, that from and after the date hereof the following Rates of Tolls shall be collected on Floated Timber, Lumber and Firewood entering the Basin at Lachine and Lachine Canal:—

Kinds of Timber.	For receiving Timber, &c., to include use of Basin or Wharf for one month.	For each succeeding month during the season of Navigation.	For wintering in Basin or on Wharf.
	Cents.	Cents.	Cents.
Timber, Square or Round, of all kinds, above 12x12, per M. Cubic Feet.....	25	20	35
Timber, Round or Flatted, of all kinds, under 12x12, per M. Lineal Feet.....	20	15	30
Planks and Boards to include all kinds of sawed lumber in Rafts, per M. feet, board measure..	3	2	3
Saw Logs 12 feet long, if longer in same proportion, per log.....	1	½	2
Floats, per 100.....	10	5	10
Traverses, per 100.....	10	5	10
Fence Posts and Rails, per M.....	10	5	10
Staves, Barrel, per M.....	8	4	8
do Pipe, per M.....	8	4	8
do West India, per M.....	8	4	8
Firewood on Bank of Canal, between Lock No. 3 and Lock No. 5. and also on Wharves in Canal Basin at Lachine.....	3	3	3

2. No allowance is to be made for fractional parts of a month or winter season.
3. The Firewood to be corded across the bank while being delivered from the Boat in such manner and at such points as the Superintendent may direct.
4. The Rates on Timber to take effect upon the completion of the Boom in Lachine Basin.

No. 48—Continued.

CHARGES FOR REPAIRING VESSELS ON THE BANK OF LACHINE, BEAUHARNOIS
AND CHAMBLY CANALS.

PRIVY COUNCIL OFFICE,
OTTAWA, 5th March, 1880.

1. I hereby certify that by order of His Excellency the Governor General in Council, passed on the seventh day of February last, authority was given for the enforcement of a rule by which persons using the banks of the Lachine Canal as a site for the repair of their vessels, shall be subject to a charge of four dollars (\$4) payable in advance, for each vessel; the period during which such site may be occupied, under any one payment being limited to six months, and permission for repairing being first obtained from the proper officer, in conformity with the existing canal regulations.

2. It is further declared by the said Order in Council that in the event of failure to remove vessels so occupying the banks at the expiration of the period named, no fresh permits having been obtained, such vessels may be sold under the 16th clause of the Regulations of the Canal.

(Signed) J. O. COTÉ,
Clerk Privy Council.

GOVERNMENT HOUSE,
OTTAWA, 6th August, 1881.

Present:

THE HONORABLE THE DEPUTY OF HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

The Deputy Governor, on the recommendation of the Honorable the Acting Minister of Railways and Canals, has been pleased to adopt the following rules with respect to the repairing of vessels on the Banks of the Lachine Canal, the Beauharnois and the Chambly:—

1st. Repairs shall only be executed at such points as may be indicated and approved by the Superintendent.

2nd. For each vessel hauled up or beached for repairs, a charge of one dollar, over and above all other charges, shall be made, carrying the privilege of remaining for one month, a further sum of one dollar being charged for each additional month or fraction of a month the vessel may remain.

In cases, however, where a vessel hauled up for repairs upon the Canal bank remains there throughout the winter, a charge of \$4 only shall be made (in addition to the ordinary winterage dues) the period covered being from the 1st of November to the 1st June, inclusive.

3rd. Any vessel remaining on the Canal bank after having wintered thereon shall be charged at the rate of one dollar a month or fraction of a month of her subsequent stay.

4th. Any vessel remaining more than one year on the bank of the Canal shall for such time as she may remain in excess of that period pay at the rate of two dollars a month, or fraction of a month throughout the whole year.

5th. All charges shall be payable at the Collector's office in advance on the first day of each month.

6th. These rules shall be understood as applying to all cases where the Canal bank is used in any manner for the repairs of vessels, whether such vessels are actually hauled up or not.

(Signed) J. O. COTÉ,
Clerk Privy Council.

RIDEAU CANAL—REGULATIONS RELATIVE TO FIREWOOD LANDED AT
BASIN, OTTAWA,

Notice is hereby given, that in accordance with the 28th Chap. Con. Stat. of Canada, His Excellency the Governor General in Council has been pleased to approve of the following additional Regulations to ensure the proper using, management and protection of the Canals of the Dominion of Canada.

By command,

(Signed) WM. H. LEE,
Clerk Privy Council.

PRIVY COUNCIL OFFICE,
OTTAWA, 14th October, 1867.

No. 48—*Concluded.*

REGULATIONS in pursuance of the 28th Chap. Con. Stat. of Canada, for landing Firewood on the line of the Rideau Canal, in the City of Ottawa, and in addition to the Regulations for the management and protection of the Provincial Canals which were authorized by the Governor in Council, 20th May, 1857, Sections 14 and following, and were made applicable to the Rideau Canal, under the order of His Excellency in Council on the 2nd June, 1860.

1st. No Firewood to be landed on the easterly side of the Basin from Sappers' Bridge to the line of Little Sussex Street.

2nd. Firewood may be landed between the line of Little Sussex Street and the By-wash or waste weir, but must be removed within twenty-four hours after having been placed there; a fine of three cents per cord will be charged for every day the wood remains on the wharf after such notice has been given.

3rd. Firewood may be landed and piled around the Basin on Government Land within forty feet of the water, leaving a roadway of at least fifteen feet between every four piles of Firewood, which roadway must be as near as practicable at right angles to the margin of the Canal; this wood must also be removed within twenty-four hours after the owner or person in charge has been notified to that effect, and in default, a fine of three cents per cord will be levied upon it for every day it remains thereafter.

4th. Two cents per cord will be charged as wharfage or ground rent upon Firewood placed on any part of the Government Canal Reserve.

5th. No Firewood may be landed without a permit having been first obtained from the Lock Master or Collector, and the Let-Pass must be given up to this Officer before the wood is unloaded, under a penalty of forty dollars.

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th March, 1888,

E. MIALL,
Commissioner.

APPENDIX A—*Continued*—SLIDES AND BOOMS.

No. 49.—STATEMENT showing the Revenue accrued on the undermentioned works for Slides and Booms, during the Year ended 30th June, 1888.

Name of River.	Amount of Slide and Boom Dues accrued on Timber and Saw Logs.		Total.
	On River to Junction with the Ottawa.	Further through Ottawa Works.	
	\$ cts.	\$ cts.	\$ cts.
Madawaska.....	13,686 62	1,084 46	
Petewawe.....	15,379 72	3,403 36	
Coulonge.....	4,641 60	1,141 21	
Black River.....	3,988 54	1,389 36	
Dumoine.....	352 17	213 61	
Gatineau.....	5,504 65	.....
Main Ottawa and tributaries without Government improvements.....	.....	10,803 49	
	43,553 30	18,035 49	61,588 79

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued—SLIDES AND BOOMS.

No. 50.—STATEMENT of the Number of Pieces of Timber and Saw Logs that passed through the Government Slides and Works on the River Ottawa and its tributaries, during the undermentioned Years.

Year.	Square and Flatted Timber.	Saw Logs.	Revenue Accrued.
	Pieces.	Pieces.	\$ cts.
January to December, 1868.....	186,377	972,109	56,731 00
July, 1877, to June, 1878.....	268,243	1,023,958	69,960 48
July, 1887, to June, 1888.....	91,350	3,102,798	61,588 79

Analysis of Square and Flatted Timber, 1887-88.

	No. of Pieces.		No. of Pieces.
		Brought forward.....	88,347
White Pine.....	20,489	Oak	13
Red Pine.....	12,927	Ash	21
Boom and Dimension.....	35,144	Elm	5
Cedars	14,493	Basswood.....	6
Round	3,372	Sawn Traverses.....	18
Tamarac	1,271	23,517 Railway Ties, equal to 2,940 pieces Flat Timber.....	2,940
Spruce.....	651		
Carried forward	88,347	Total	91,350

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued.
No. 51.—STATEMENT of Lumber, &c, Measured, Culled and Counted, at the Port of Quebec, during the Year ended 30th June, 1888.

Pieces.	Description of Timber.	Measured, Culled or Counted.	Tons, Standard.	RATE.		Office Fees.	Cullers' Fees.	Total Amount Accrued.
				Office Fees.	Cullers' Fees.			
			Tons. Pts.	Cts.	Cts.	\$	\$	\$
33,847	Waney White Pine.....	Stringed.....	47,475 13					
3,889	do Ash	do	3,153 35					
18	do Oak	do	26 19					
10	do Basswood.....	do	13 15					
35	do Butternut.....	do	26 39					
1	do Tamarac	do	1 22					
3,72	do Walnut	do	1,773 27					
16	do Hickory	do	27 30					
124	do Birch	do	15 18					
182	do Maple	do	46 03					
9	do Whitewood	do	264 29					
80	do Chestnut	do	7 05					
	do Cherry.....	do	34 31					
			52,867 06	3½¢	4	1,850 35	2,114 68	3,965 03
23,311	White Pine.....	Measured...	29,787 02	1	4	297 87	1,191 48	1,489 35
12,166	Red Pine.....	do	11,210 08					
12,554	Oak	do	20,559 32					
3,974	Elm	do	4,629 10					
151	Ash	do	110 27					
200	Tamarac.....	do	163 36					
7,908	Birch.....	do	3,102 26					
102	Hickory.....	do	98 10					
442	Spruce	do	236 02					
13	Cedar.....	do	7 35					
			40,118 26	2½¢	4	1,043 08	1,604 74	2,647 82

112	Birch.....	Culled.....	34 01	12 7/8	2 7/8	1 36	4 15
8,093	Pine Deals	do	8,651 13	60	8 65	43 25	51 90
300,905	Spruce Deals	do	293,676 11	60	293 67	1,468 38	1,762 05
360	Pine Planks	do .....	.....	50	0 54	1 26	1 80
19,546	Spruce Planks.....	do .....	.....	50	27 82	64 91	92 73
3,261	Ash Boards.....	do	40,443 sup. ft.	40	2 02	14 15	16 17
			342,770 24				
899,412	Pine Deals	Counted.	915,688	11 7/8	1,071 35	.....	1,071 35
513,685	Spruce Deals	do	495,225	11 7/8	579 41	.....	579 41
120,937	Pine Planks.....	do .....	.....	5	60 46	.....	60 46
8,531	Spruce Planks.....	do .....	.....	5	4 26	.....	4 26
2,203	Ash Boards.....	do	20,810 3 sup. ft.	5	.....	1 04	1 04
21,901	Standard Staves.....	do	21 0 2 28	350	14 75	59 00	73 75
255,408	West India Staves	Culled.....	212 8 1 18	162	68 11	276 69	344 80
19,093	Barrel Staves.....	do	15 9 0 13	113 7/8	3 70	14 24	17 94
	Deduct for fractions.....	.....	.....	.....	5,328 83	6,855 18	12,184 01
					0 35	0 35	0 35
	Add to Office and deduct from Cullers.....	.....	.....	.....	5,328 83	6,854 83	12,183 66
					0 47	0 47	.....
					5,329 30	6,854 36	12,183 66

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Continued.

No. 52.—STATEMENT of Lumber Measured, Culled and Counted at the Ports of Montreal, Lachine and Sorel, for the Year ended 30th June, 1888.

Pieces.	Description of Timber.	Measured, Culled or Counted.	Tons, Standard.	Rate.	Office Fees.	Cattle's Fees.	Total Amount Acc'd.
			Tons. P'cts.	Cts.	\$ cts	\$ ct.	\$ cts.
6,141	Square Pine.....	Measured.....	5,810 15				
5,278	Flat do	do	3,956 24				
942	Round do	do	503 16				
			10,309 15	5	.....	515 40	515 40
6,472	Square Hemlock.....	do	5,578 23				
773	Flat do	do	613 09				
1,975	Round do	do	1,638 08				
			7,830 00	3	.....	274 05	274 05
727	Flat Pine.....	do	491 29				
3,510	Cedars.....	do	2,768 23				
1,865	Flat mixed.....	do	1,314 35				
178	Round Pine.....	do	111 01				
16	do Spruce	do	13 00				
2,520	Flat Tamarac.....	do	2,828 31				
615	Round Hemlock.....	do	582 35				
334	Flat do	do	268 36				
			8,389 30	80	.....	268 47	268 47
161	Flat Ash.....	do	89 21				
1,138	do Tamarac.....	do	624 15				
16	Square Oak.....	do	5 12				
776	Hardwood.....	do	547 26				

748	Square Red Pine.....	do	623 20				124 76	124 76
			1,890 14					
579	Waney Pine.....	Stringed.....	582 38					
43	do Red Oak	do	37 39					
			620 27				46 55	46 55
289	Flat Spruce (linial).....	do	254 02		56		5 69	5 69
1,166,585	Sawed Lumber for Exportation.....	do			5 per 100 pieces.		583 29	583 29
							1,818 30	1,818 30

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX A—Concluded.

No. 53.—STATEMENT of Lumber Measured, Culled or Counted through the Office of the Supervisor of Cullers at the Port of Three Rivers, during the Year ending 30th June, 1888.

Pieces.	Description of Timber.	Measured, Culled or Counted.	Tons. Pts.	Rate.	Office Fees.	Cullers' Fees.	Total Amount Accrued.
				Cts.	\$ cts.	\$ cts.	\$ cts.
6,476	Spruce Deals	Culled.....	6,469	60	6 47	32 34	38 81
4,525	Pine do	do	4,538 33	60	4 54	22 69	27 23
30,000	do do	do	30,000	60	30 00	150 00	180 00
14,239	Spruce do	do	13,894	60	13 30	69 47	83 37
800	Pine do	do	800	60	0 80	4 00	4 80
2,760	Spruce Planks	do	1,506 35	50	4 14	9 66	13 80
1,568	do Deals	do	46,731	60	1 51	7 53	9 04
46,731	Pine do	do	137,967	11 ¹ / ₆	48 73	233 06	280 39
137,967	do do	Counted off.....	57,747	11 ¹ / ₆	68 93	92 44	161 42
57,747	Spruce do	do	70,698	11 ¹ / ₆	28 88	38 68	67 56
70,698	Pine do	do	2,445	11 ¹ / ₆	33 35	47 37	82 72
2,445	Red Pine Deals	do	15,891	11 ¹ / ₆	1 22	1 64	2 86
15,891	Spruce do	do	15,891	11 ¹ / ₆	7 95	10 64	18 59
417,781	Spruce and Pine Lumber	do	2,462,940 ft.	5 p. 1000 ft	.....	123 15	123 15
					250 47	843 27	1,093 74

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX B.

DETAILS OF EXPENDITURE.

APPENDIX B.

No. 1.—DETAILS of Excise Expenditure, for the Year ended 30th June, 1888.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
<i>Port Arthur.</i>				
Ironside, G. A.....	Salary as Collector for the year.....	16 04	783 96	865 48
	Contingencies.....		81 52	
<i>Belleville.</i>				
McAllister, A.....	Salary as Collector for the year.....	28 04	1,371 96	6,224 46
Pole, C. W.....	do Dep. Collector do	19 96	980 04	
Craig, Jos.....	do Exciseman do	24 00	1,176 00	
Howie, A.....	do do to 31st July.....	1 25	61 25	
McCoy, W.....	do do for the year.....	14 28	703 20	
McCuaig, A. F.....	do do do	4 97	395 03	
Bish, P.....	do do 1st Aug. to 30th June...	14 38	706 38	
	Salaries.....	106 88	5,393 86	
	Contingencies.....		830 60	
<i>Brantford.</i>				
Spence, J.....	Salary as Collector for the year.....	28 04	1,371 96	7,771 51
Hawkins, W. L.....	do Accountant do	24 00	1,176 00	
Hart, P. D.....	do Exciseman do	16 98	833 04	
Henwood, Geo.....	do do do	15 44	754 56	
Fraser, G. J.....	do do do	15 66	769 26	
Webster, T.....	do do do	14 40	705 60	
Sinon, E. H.....	do do do	12 28	625 87	
Adams, J. S.....	do do 1st Aug. to 30th Nov.....	5 00	245 00	
Lyons, E.....	do do 1st Sept. to 30th June...	7 12	442 84	
	Salaries.....	138 90	6,924 13	
	Contingencies		847 38	
<i>Cobourg.</i>				
Murphy, F.....	Salary as Exciseman, 1st to 31st July	1 41	69 42	136 45
	Contingencies		67 03	
<i>Cornwall.</i>				
Mulhern, M. M.....	Salary as Collector for the year.....	13 96	686 04	778 79
	Contingencies.....		92 75	
<i>Guelph.</i>				
Powell, J. B.....	Salary as Collector for the year.....	28 04	1,371 96	1,176 00
Till, T. M.....	do Dep. Collector do	22 04	1,077 96	
Earle, R. H.....	do Exciseman do	24 00	1,176 00	
Woodward, G. W...	do do do	24 00	1,176 00	
Campbell, J. McD...	do do do	24 00	1,176 00	
Sperman, J. J.....	do do do	24 00	1,176 00	
Broadfoot, S.....	do do do	17 56	862 44	
Kennedy, J. D.....	do do do	16 96	833 04	

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
<i>Quezph—Concluded.</i>				
Bish, P.....	Salary as Exciseman, 1st to 31st July.....	1 28	62 88	
Brougham, M. E....	do do for the year.....	15 00	735 00	
Erb, A. A.....	do do do	15 00	735 00	
Robson, Jas.....	do do do	15 00	735 00	
Flynn, J. P.....	do do do	12 96	637 02	
Howie, A.....	do do from 1st Aug. to 30th June	13 75	673 75	
	Salaries.....	253 59	12,428 05	
	Contingencies		1,455 14	13,883 19
<i>Hamilton.</i>				
Fortier, C. G.....	Salary as Collector from 1st July to 31st Oct.	11 32	555 32	
Miller, W. F.....	do Act. Coll., 1st Oct. to 30th June...	26 00	1,274 00	
Ross, S. F.....	do Dep. Collector for the year.....	25 96	1,274 04	
Blair, J. B.....	do Exciseman do	24 00	1,176 00	
Conway, B. J.....	do do 1st July to 30th Sept...	2 00	98 00	
Greay, S.....	do do for the year.....	24 00	1,176 00	
Baby, W. A. D.....	do do do	20 46	1,004 52	
Crawford, W. P.....	do do do	16 96	833 04	
Egener, A.....	do do do	16 96	833 04	
Browne, G. W.....	do do 1st July to 30th Sept...	4 23	208 26	
Donaghy, Wm.....	do do 1st Nov. to 30th June...	16 00	784 00	
Hobbs, G. N.....	do do for the year.....	15 72	771 72	
Mackay, G. W.....	do do do	15 00	735 00	
Logan, John.....	do do do	16 42	804 39	
O'Brien, J. F.....	do do do	14 94	735 00	
Amor, W.....	do do do	14 28	703 20	
Dumbrille, R. W.....	do do do	13 80	676 20	
Courtney, J. J.....	do do 1st Oct. to 30th June...	11 52	565 92	
Irwin, R.....	do do 1st Jan. do	3 39	260 86	
	Salaries.....	292 96	14,468 51	
	Contingencies		1,739 98	16,208 49
<i>Kingston.</i>				
Rowland, F.....	Salary as Collector for the year.....	31 96	1,568 04	
Grimason, T.....	do Dep. Collector do	16 04	783 96	
Dickson, C. T.....	do Accountant do	24 00	1,176 00	
Hanley, A.....	do Book-keeper do	16 04	783 96	
Miller, J. E.....	do Exciseman, 1st July to 31st Oct...	5 32	261 32	
Keogh, P. M.....	do do do	15 00	735 00	
Fahay, E.....	do do do	7 04	342 96	
O'Donnell, J.....	do do do	12 60	617 40	
Hamilton, T. C.....	do do 1st Nov. to 30th June...	9 64	474 52	
	Salaries.....	137 64	6,743 16	
	Contingencies.....		783 05	7,526 21
<i>London.</i>				
Alexander, Thos.....	Salary as Collector for the year.....	31 68	1,555 74	
Davis, T. G.....	do Deputy Collector for the year.....	25 96	1,274 04	
Power, T. A.....	do do do	19 96	980 04	

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
<i>London—Concluded.</i>				
Smith, H. A.	Salary as Accountant for the year	19 96	980 04	
Elwood, G. V.	do Deputy Collector do	19 96	980 04	
McSween, J.	do Exciseman do	19 96	980 04	
Moore, Wm.	do do do	19 64	960 36	
Coles, F. H.	do Assistant Accountant for the year	18 00	882 00	
Barrett, T. J.	do Exciseman for the year	17 94	882 00	
Taylor, J. T.	do do do	16 96	833 04	
Rowland, E.	do do do	16 96	833 04	
Yates, J. M.	do do do	16 96	833 04	
Stewart, Jas.	do do do	16 38	803 58	
Lee, E.	do do do	15 66	769 26	
Adams, J. S.	do do 1st to 31st July and 1st Dec. to 30th June.....	10 00	490 00	
Wilson, D.	do do 1st Jan. to 30th June...	6 32	309 80	
	Salaries.....	292 30	14,346 06	
	Contingencies.....		1,258 74	
				15,604 80
<i>Ottawa.</i>				
Battle, M.	Salary as Collector for the year.....	30 00	1,470 00	
Henry, J. M. B.	do Dep. Coll. do	22 04	1,077 96	
Bédard, W. G.	do Exciseman do	15 00	735 00	
Heney, J. J.	do do do	13 80	676 20	
Letz, F. P. A.	do do do	13 80	676 20	
	Salaries.....	94 64	4,635 36	
	Contingencies.....		319 24	
				4,954 60
<i>Owen Sound.</i>				
Graham, W. J.	Salary as Collector for the year.....	19 96	980 04	
Lang, V.	do Exciseman do	15 00	735 00	
	Salaries.....	34 96	1,715 04	
	Contingencies.....		541 66	
				2,256 70
<i>Perth.</i>				
Kellock, D.	Salary as Collector for the year.....	27 00	1,323 00	
Mason, F.	do Exciseman, 1st July to 29th Feb...	16 00	784 00	
Conway, B. J.	do do 1st March to 30th June.	8 00	392 00	
Devine, J. J.	do Dep. Coll. for the year.....	4 96	395 04	
McKimm, W. H.	do do do	4 96	395 04	
	Salaries.....	60 92	3,289 08	
	Contingencies.....		437 96	
				3,727 04

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
<i>Peterborough.</i>				
Hall, J. J.....	Salary as Collector for the year.....	19 96	980 04	
Bickle, J. W.....	do Dep. Coll., 1st Nov. to 30th June.....	8 00	392 00	
Murphy, F.....	do Exciseman, 1st Aug. to 30th June.....	15 51	763 62	
Cahill, T.....	do do for the year.....	13 32	653 32	
Knowlson, J. B.....	do do do	12 00	588 00	
Miller, J. E.....	do do 1st Nov. to 30th June.....	11 06	542 26	
	Salaries	79 85	3,919 24	
	Contingencies		530 35	4,449 59
<i>Frescott.</i>				
Dumbrille, J.....	Salary as Collector for the year.....	31 04	1,518 96	
Keilty, Thos.....	do Dep. Coll. do	24 00	1,176 00	
Cameron, D. M.....	do Exciseman do	24 00	1,176 00	
Gerald, W. H.....	do do do	19 98	979 98	
Jamieson, R. C.....	do Dep. Coll., 1st Aug. to 30th June.....	16 04	783 96	
Slattery, R.....	do Exciseman, for the year.....	15 66	769 26	
Ferguson, J.....	do do do	15 00	735 00	
Marshall, F.....	do do do	15 00	735 00	
Hamilton, T. C.....	do do 1st July to 30th Oct... ..	4 64	228 68	
Johnson, G. E.....	do do for the year.....	13 80	676 20	
Macdonald, A. B.....	do do 1st Oct. to 30th June.....	8 08	490 22	
Keeler, G. S.....	do do 1st Dec. to 30th June.....	3 93	287 64	
	Salaries	191 17	9,556 90	
	Contingencies		634 94	10,191 84
<i>Stratford.</i>				
Caven, A.....	Salary as Collector, for the year.....	31 96	1,568 04	
Rennie, Geo.....	do Dep. Coll. do	22 04	1,077 96	
Dingman, N. J.....	do Exciseman do	24 00	1,176 00	
Brown, J. J.....	do do do	19 96	980 04	
Clark, A. F.....	do do do	18 00	882 00	
Nichols, J. T.....	do do do	15 00	735 00	
Caven, J. McD.....	do do do	8 80	527 44	
	Salaries	139 76	6,946 48	
	Contingencies		1,368 56	8,315 04
<i>St. Catharines.</i>				
Seymour, J.....	Salary as Collector, 1st July to 31st Jan.....	16 31	800 31	
Hesson, C. A.....	do Dep. Coll., do	11 62	571 69	
do	do Collector, 1st Feb. to 30th June ...	8 30	408 35	
Schram, B.....	do Dep. Coll. do	10 00	490 00	
Spence, F. H.....	do Exciseman, for the year.....	17 56	862 44	
Milliken, E.....	do do do	16 96	833 04	
Dixon, R. B.....	do do 1st Jan. to 18th Apr... ..	7 20	352 80	
	Salaries	87 95	4,318 63	
	Contingencies		751 10	5,069 73

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
<i>Toronto.</i>				
Stratton, W. C.....	Salary as Collector, for the year.....	40 96	2,009 04	
Bennett, Jas.....	do Dep. Coll. do	30 00	1,470 00	
Rogerson, J. M.....	do Exciseman do	24 00	1,176 00	
McPherson, A. F.....	do Accountant do	24 00	1,176 00	
Millar, W. F.....	do Exciseman, for 1st to 31st July.....	2 00	98 00	
Conway, B. J.....	do do 1st Aug. to 27th Feb..	14 00	686 00	
Dudley, W. H.....	do do for the year.....	24 00	1,176 00	
Macdonell, A. D.....	do Asst. Coll. do	22 04	1,077 96	
Boomer, J. B.....	do Exciseman do	19 96	980 04	
Coleman, C.....	do Dep. Coll. do	19 96	980 04	
Henderson, W.....	do Exciseman do	17 94	882 00	
Evans, G. T.....	do do do	17 56	862 44	
Barber, J. S.....	do do do	16 96	833 04	
Murray, A. E.....	do do do	16 96	833 04	
Weyms, C.....	do do do	16 96	833 04	
Dick J. W.....	do do do	16 38	803 58	
Shanacy, M.....	do Dep. Coll. do	15 04	783 96	
Helliwell, H. N.....	do Exciseman do	15 66	769 26	
McDonald, J. A.....	do do do	15 66	769 26	
Dawson, W.....	do do do	15 66	769 26	
Mulligan, J.....	do do do	15 00	735 00	
Wilson, R.....	do do do	15 00	735 00	
Coyle, Jas.....	do do do	14 10	690 90	
Flynn, D.....	do do do	13 96	686 04	
Hamilton, C. M.....	do do 1st July to 29th Feb..	9 20	450 80	
Bodds, E. W.....	do do for the year.....	13 80	676 20	
Carver, G. W.....	do do do	13 80	676 20	
Neelands, H.....	do do do	13 80	676 20	
O'Leary, T. J.....	do do do	13 56	666 42	
Goodman, A. W.....	do do do	12 96	637 02	
Hughes, T.....	do do 1st July to 31st Aug..	2 00	98 00	
Westman, T.....	do Messenger for the year.....	11 52	613 44	
Walsh, D.....	do do do	9 12	540 84	
Williamson, J.....	do do do	4 96	395 04	
Cox, J. E.....	do do 1st March to 30th June.	8 00	392 00	
Sullivan, L. D.....	do do 1st Feb. to do ..	2 43	192 94	
	Salaries	559 91	27,830 00	
	Contingencies		1,542 95	
				29,372 95
<i>Windsor.</i>				
Kenning, J. H.....	Salary as Collector for the year	40 04	1,959 96	
Ramon, P.....	do Deputy Collector for the year	30 00	1,470 00	
Gerald, C.....	do Exciseman for the year	24 00	1,176 00	
Donaghy, W.....	do do 1st July to 31st Oct. ...	8 00	392 00	
Crowe, W.....	do do for the year	24 00	1,176 00	
Mason, F.....	do do 1st March to 30th June..	8 00	392 00	
Dunlop, C.....	do Dep. Coll. do	22 04	1,077 96	
Beasley, R.....	do Accountant do	21 00	1,029 00	
Standish, G. J.....	do Exciseman do	17 94	882 00	
McHugh, F. J. J. ...	do do 1st July to 30th April	14 88	731 74	
Girard, Irénée.....	do do for the year	16 96	833 04	
Lynes, K.....	do do 1st July to 31st May ...	16 41	806 87	
Falconer, J.....	do do for the year	15 00	735 00	
Jubenville, J. P.....	do do do	12 97	637 01	
Brennan, John.....	do do do	12 89	636 02	
Crotty, John.....	do do do	12 00	588 00	
Reddan, C. J.....	do do 1st Dec. to 30th June..	4 92	330 03	

APPENDIX B—No. 1.—Details of Excise Expenditure, 1887-88—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
<i>Windsor—Concluded.</i>				
Cahill, John	Salary as Exciseman, 1st Dec. to 30th June..	4 92	330 03	
Allen, G. A.	do do 1st April do ..	1 56	123 42	
	Salaries	307 53	15,306 08	
	Contingencies		1,258 11	16,564 19
<i>Beauharnois.</i>				
McEachern, A.	Salary as Collector for the year	6 32	493 68	
	Contingencies		42 00	535 68
<i>Iberville.</i>				
Regnier, P.	Salary as Collector for the year	13 04	636 96	
Harwood, R. U.	do Exciseman do	17 56	862 44	
Perkins, L. A.	do Deputy Collector for the year	5 48	434 52	
	Salaries	36 08	1,933 92	
	Contingencies		267 72	2,201 64
<i>Joliette.</i>				
Leprouhon, R. M.	Salary as Collector for the year	19 96	980 04	
Lafontaine, A.	do Exciseman do	6 25	493 75	
	Salaries	26 21	1,473 79	
	Contingencies		1,069 84	2,543 63
<i>Montreal.</i>				
Vincent, J. L.	Salary as Collector for the year	40 96	2,009 04	
Dodd, J.	do Deputy Collector for the year	30 00	1,470 00	
Lawlor, H.	do do do	30 00	1,470 00	
Macdonald, D.	do Accountant for the year	24 00	1,176 00	
Baby, J. C.	do Exciseman do	24 00	1,176 00	
Caven, W.	do do do	21 96	1,078 02	
Hudon, A.	do do do	19 96	980 04	
St. Louis, A.	do Cashier do	19 96	980 04	
Beauchamp, J. P.	do Exciseman do	19 96	980 04	
Fox, T.	do do do	19 96	980 04	
Lecours, H. T.	do Assistant Accountant for the year	19 96	980 04	
Dustan, W. M.	do Exciseman for the year	19 96	980 04	
Richard, R.	do do do	19 04	930 96	
Hastie, W.	do do do	18 00	882 00	
Quinn, J. D.	do do do	17 56	862 44	
Barker, C.	do do do	16 96	833 04	
Bulmer, Wm.	do do do	16 96	833 04	
Goron, D.	do do do	16 96	833 04	
Malo, T.	do do do	16 96	833 04	
Tansy, J. P. F.	do do do	16 96	833 04	
St. Marie, L. C. A.	do Bookkeeper do	16 96	833 04	
Villeneuve, J.	do Exciseman do	16 04	783 96	
Fox, J. D.	do do do	16 04	783 96	
Cox, J. E.	do do 1st July to 29th Feb.	11 98	587 98	
Scullion, J. W.	do do for the year	15 72	771 72	
Dumouchel, L.	do do do	15 44	754 56	

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
<i>Montreal—Concluded.</i>				
Manning, J.	Salary as Exciseman 1st to 31st July and 1st Dec. to 30th June.....	10 00	490 00	
Ste. Marie, J. B. E.	do do for the year.....	15 00	735 00	
Millier, E.	do do do	15 00	735 00	
Perry, G. L.	do do do	15 00	735 00	
Toupin, F. X. J. A.	do do do	14 94	735 00	
Baby, Jos.	do do do	14 70	720 30	
Panneton, G. E.	do do do	13 80	676 20	
Pinsonnault, A.	do do do	13 80	676 20	
Watkins, J. A.	do do do	13 80	676 20	
Laporte, G.	do do do	13 80	676 20	
Forest, E.	do do do	13 26	651 72	
McClanaghan, M.	do do do	12 96	637 02	
Coleman, J. J.	do do do	12 00	588 00	
Costigan, J. J.	do do do	12 00	588 00	
Dixon, H. G. S.	do do 1st Aug. to 30th June.	7 75	474 37	
Allen, G. A.	do do 1st to 31st March.....	0 16	13 28	
Lynes, K.	do do 1st to 30th June.....	1 53	75 13	
Cullen, P.	do Messenger for the year.....	6 32	493 68	
	Salaries	728 08	35,991 42	
	Contingencies		2,874 62	
				38,866 04
<i>Quebec.</i>				
LaRue, Geo.	Salary as Collector for the year.....	31 96	1,568 04	
Cahill, J. H.	do Deputy Collector for the year.....	24 00	1,176 00	
Iler, B.	do Exciseman do	24 00	1,176 00	
Browne, G. W.	do do 1st Oct. to 30th June.....	12 69	624 78	
Bourassa, G.	do do for the year.....	16 04	783 96	
Courtney, J. J.	do do from 1st July to 30th Sept	3 84	188 64	
Rouleau, J.	do do for the year	15 00	735 00	
McNamara, M.	do do do	15 00	735 00	
Lemoine, J.	do do do	13 80	676 20	
Bourget, O.	do do do	13 80	676 20	
Lépine, L.	do do do	13 80	676 20	
Langlois, F. X.	do do do	13 80	676 20	
Fahy, Owen	do do do	12 60	617 40	
Hamond, E.	do do Preventive Officer, 1st July to 31st Oct	0 60	49 40	
	Salaries	210 93	10,359 02	
	Contingencies		1,881 02	
				12,240 04
<i>Sherbrooke.</i>				
Simpson, A. F.	Salary as Collector for the year.....	21 00	1,029 00	
Pennoyer, H. J.	do Exciseman do	13 50	661 50	
	Salaries	34 50	1,690 50	
	Contingencies		159 27	
				1,849 77

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88—Continued,

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
<i>Sorel.</i>				
Fortier, J. J. O.....	Salary as Collector for the year.....	13 04	636 96	
Duguay, Jos.....	do Exciseman		499 92	
	Salaries	13 04	1,136 88	
	Contingencies		44 70	1,181 58
<i>St. Hyacinthe.</i>				
Boivin, C. A.....	Salary as Collector for the year.....	16 96	833 04	
	Contingencies		291 30	1,124 34
<i>Terrebonne.</i>				
Desroches, D.....	Salary as Collector for the year	13 96	686 04	
	Contingencies		79 28	765 32
<i>Three Rivers.</i>				
Hébert, C. D.....	Salary as Collector for the year.....	19 96	980 04	
Duplessis, C. Z.....	do Exciseman do	13 80	676 20	
	Salaries	33 76	1,656 24	
	Contingencies		113 20	1,769 44
<i>Magdalen Islands.</i>				
Painchaud, J. B. F.	Salary as Preventive Officer, 1st July to 31st October	2 00	98 00	98 00
<i>Cape Breton.</i>				
McDonald, M. A.....	Salary as Collector for the year.....	15 00	735 00	
	Contingencies		97 00	832 00
<i>Halifax.</i>				
Grant, H. H.....	Salary as Collector for the year.....	31 96	1,568 04	
King, R. M.....	do Deputy Collector, 1st Sept. to 30th June.....	20 00	980 00	
Bouteiller, G. A.....	do Exciseman for the year.....	24 00	1,176 00	
James, T. C.....	do Accountant do	18 00	882 00	
Carroll, D.....	do Exciseman do	17 52	862 44	
Wainwright, F. G.....	do do do	15 30	752 16	
Tompkins, P.....	do do do	15 00	735 00	
Hagerty, P.....	do do do	15 00	735 00	
Munro, H. D.....	do do do	14 24	695 76	
Blethen, C. W.....	do do do	12 00	588 00	
Manning, J.....	do do 1st Aug. to 30th Nov.	5 00	245 00	
	Salaries	188 02	9,219 40	
	Contingencies		347 41	9,566 81

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88 —Continued.

To whom Paid.	Service.	Deducted for Superannation.	Amounts Paid.	Total for each Division.	
<i>Pictou.</i>					
Mackay, J. H.....	Salary as Collector for the year.....	15 00	735 00		
Campbell, G. J.....	do Exciseman do	13 20	646 80		
	Salaries	28 20	1,381 80	1,465 87	
	Contingencies.....		84 07		
<i>Chatham.</i>					
Lawlor, R. A.....	Salary as Collector for the year.....	20 62	1,012 70	1,092 75	
	Contingencies.....		80 05		
<i>St. John.</i>					
Travis, Geo.....	Salary as Collector for the year.....	28 04	1,371 96	6,951 09	
Burke, T.....	do Deputy Collector for the year.....	22 04	1,077 96		
Atherton, R.....	do Accountant do	18 00	882 00		
Mason, Jas.....	do Exciseman do	14 40	705 60		
Belyea, T. H.....	do do do	13 44	644 88		
Smyth, B. B.....	do do do	12 00	588 00		
McCloskey, J. R.....	do do do	8 80	524 22		
Hill, A. M.....	do Deputy Collector do	10 04	489 96		
Dibblee, Wm.....	do do do	3 72	296 28		
	Salaries	130 48	6,580 86		
	Contingencies		370 23		
<i>Charlottetown.</i>					
Nash, S. C.....	Salary as Collector for the year.....	19 96	980 04		2,243 19
Moore, T.....	do Exciseman do	16 96	833 04		
	Salaries	36 92	1,813 08		
	Contingencies		430 11		
<i>Winnipeg.</i>					
Costigan, H. A.....	Salary as Collector for the year.....	30 00	1,470 00	9,972 22	
Christie, W. J.....	do Exciseman do	24 00	1,176 00		
Camyré, J. N.....	do do do	16 96	833 04		
Gosnell, T. S.....	do do 1st Sept. to 30th June...	16 60	816 70		
Girdlestone, R. J. M.	do do for the year.....	15 00	735 00		
Hicks, W. H.....	do Deputy Collector for the year.....	13 82	677 84		
Code, A.....	do Exciseman do	12 00	588 00		
	Salaries.....	128 38	6,296 58		
	Contingencies		3,675 64		
<i>Victoria, B.C.</i>					
Jones, R.....	Salary as Collector for the year.....	16 04	783 96	1,927 34	
Williams, George...	do Deputy Collector for the year.....	19 96	980 04		
Goswell, T. S.....	do Exciseman, from 1st July to 31st Aug.	3 02	163 34		
	Salaries.....	39 32	1,927 34	3,853 78	
	Contingencies.....		1,926 44		

APPENDIX B.—No. 1—Details of Excise Expenditure, 1887-88.—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total for each Division.
		\$ cts.	\$ cts.	\$ cts.
DISTRICT INSPECTORS.				
<i>Ontario.</i>				
Morrow, John.....	Salary for the year.....	49 96	2,450 04	2,991 35
	Contingencies.....		541 31	
Gow, James.....	Salary for the year.....	42 00	2,058 00	2,884 55
	Contingencies.....		826 55	
Hamilton, W. L.....	Salary for the year.....	43 96	2,156 04	3,063 40
	Contingencies.....		907 36	
<i>Quebec.</i>				
Bellemare, R.....	Salary for the year.....	49 96	2,450 04	2,800 02
	Contingencies.....		349 98	
LeMoine, J. M.....	Salary for the year.....		2,199 96	2,426 78
	Contingencies.....		226 82	
<i>Nova Scotia and Prince Edward Island.</i>				
Borradaille, R.....	Salary for the year.....	48 00	2,352 00	3,241 94
	Contingencies.....		889 94	
<i>New Brunswick.</i>				
Moore, J. N.....	Salary for the year.....	34 04	1,665 96	2,156 13
	Contingencies.....		490 17	
<i>Manitoba.</i>				
Barrett, J. K.....	Salary for the year.....	40 04	1,959 96	3,161 06
	Contingencies.....		1,201 10	
<i>British Columbia.</i>				
Gill, William.....	Salary for the year.....	40 04	1,959 96	3,649 66
	Contingencies.....		1,689 70	
INSPECTOR OF TOBACCO FACTORIES.				
Gerald, W. J.....	Contingencies.....			477 92
INSPECTOR OF BONDED FACTORIES.				
Morrow, John.....	Contingencies.....			405 27
INSPECTOR OF DISTILLERIES.				
Davis, John.....	Salary for the year.....	49 96	2,450 04	3,955 19
	Contingencies.....		1,505 15	
CHIEF INSPECTOR.				
Godson, Henry.....	Salary for the year.....	55 96	2,744 04	2,971 74
	Contingencies.....		227 70	

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88—*Continued.*

To whom Paid.	Service.	Amounts Paid.	Total.
	<i>General Contingencies.</i>	\$ cts.	\$ cts.
Wright, Alex., & Co.....	Bill of Exchange, £15 13s. stg., for 100 copies Sykes' hydrometers	76 16	
Potter, Chas.....	Repairing hydrometers	12 50	
Miller Lock Co	1,244 Label locks, \$1,907.90; also, 25½ dozens Champion seal locks, \$401.83	2,309 73	
Birkett, Thos.....	Hardware, &c.	48 15	
Goodman, A. W.....	Personal, travelling and other expenses incurred while assisting Mr. Inspector Davis in measuring bonding tanks in distilleries.....	1,065 71	
Canada Atlantic Ry.....	Freight on hydrometer tables; on 2,000 brls. wood alcohol; on scientific instruments from England, and on stamps from Montreal.....	39 51	
Foran, J. K.....	13 days' services as Temporary Clerk, from 14th to 26th July, inclusive, at \$400 per annum; and from 27th July to 2nd August, inclusive, at \$400 per annum.....	21 92	
Corry, J. A	Services as Caretaker for the year, 366 days at \$2 per day	732 00	
	Sundry expenses in connection with the Wood Naphtha warehouse during the year ended 30th June, 1888.....	2,269 41	
Canadian Express Co...	Charges on Excise locks.....	18 45	
Belleau, Mrs.....	10 days as extra writer at \$400 per annum.....	10 96	
Canadian Pacific Ry.....	Freight on one steam pump and also a copper tank, both for the Wood Naphtha warehouse.....	30 16	
B. A. Bank Note Co.....	Engraving Excise, Law, Gas and Weights and Measure stamps.....	21,660 57	
McCrink, Miss Maggie...	10 days' services as writer at \$400, from 7th to 16th September	10 96	
Fréchette, Achille.....	Translation, &c., of examination papers	124 18	
Gow, Jas.....	Expenses in connection with attendance at Excise examinations	138 15	
Powell, Grant.....	To pay fees on commissions given to Mr. James Gow, J. N. Moore and Inspector Gill to administer oath of allegiance.....	15 00	
Morrow, J.....	Attendance at valuation of Excise examination of papers	44 85	
Godson, H.....	Attendance at valuation of Excise examination of papers.....	94 90	
	Rent of room for holding Excise examinations ...	15 00	
Keeler & Mason.....	To pay for two tin pumps for liquor; also, two thieves and one bung-starter for Wood Naphtha warehouse.....	2 50	
Booth & Son	One 500 gallons copper reservoir with agitator; also a copper condenser, &c., for Wood Naphtha warehouse	332 20	
Keeler, W. H.....	To pay for 71 cancelling wheels.....	71 25	
Keith & Fitzsimons.....	Hose and plumbing in connection with measurement of distilling tanks.....	31 75	
Grand Trunk Railway..	Freight	7 92	
Gooderham & Wortz.....	26 barrels for fusil oil, at \$2.25 per barrel, &c.....	60 50	
Cameron, D. M.....	Expenses incurred in visiting Toronto and Windsor distilleries to become familiar with bottling spirits, in view of Mr. Whitney, Prescott, where he is stationed, being about to go into the bottling business	45 60	
McGill, A.....	Travelling and other expenses to Binghampton, Buffalo, Deseronto, &c., from 4th to 15th November, inclusive	93 70	
Bourke, M.	Services in Accountant's Branch from 31st Oct. to 9th Nov., 1887, inclusive, at \$100 per ann.	10 96	

APPENDIX B—No. 1.—Details of Excise Expenditure, 1887-88—*Continued.*

To whom Paid.	Service.	Amounts Paid.	Total.
<i>General Contingencies—Continued.</i>		\$ cts.	\$ cts.
St. Denis, M. L.....	Services from 17th to 26th Oct., 1887; also from 20th to 30th June, 1888, inclusive, at \$400 per annum.....	21 92	
Bourke, D.....	Nine days' services as copyist, "special work," from 5th to 13th Nov.; also services from 14th Dec. to 13th Jan., 1888, and from 14th to 22nd Jan., 1888, at \$2 per day.....	98 00	
Mortimer & Co.....	300 bonded removal permit stamps.....	300 00	
Wiser, J. P., & Son.....	28 galls. proof, at \$1.90; tanks, at 75c., for departmental use.....	53 95	
Alexander, Thos.....	To pay D. Wilson for temporary employment on special service.....	107 10	
Fuller, W. H.....	One metal case for typewriter.....	2 50	
Registrar Exchequer Court of Canada.....	To pay court fees for "writ of assistance" issued to H. A. Costigan and J. B. Powell.....	5 80	
Graves Bros.....	Hardware, &c.....	10 30	
Fowler, Geo.....	Freight on letter cabinet for Wood Naphtha warehouse.....	1 02	
Perkins, E. L.....	Brass casting for discharging liquid from tanks; machinery for transmitting power to agitator.....	68 00	
do.....	Six months' rent of Wood Naphtha warehouse.....	250 00	
Bell Telephone Co.....	Telephone at Wood Naphtha warehouse, to 1st June, 1888.....	20 00	
Scanlan, Mrs. Mary.....	Services from 4th to 18th January, at \$400 per annum.....	16 44	
Harris & Campbell.....	Three doz. hooks, one set of curtains, &c.; and to pay for 500 ft. dressed oak and mahogany.....	67 75	
Blyth & Kerr.....	Plumbing, &c., at Wood Naphtha warehouse.....	113 33	
Dring & Page.....	Bill of Exchange of £161 2s., for stills, hydro-meters, &c.....	784 03	
Stanton, M., & Co.....	Papering Inspectors Godson and Morrow's rooms, Toronto.....	18 80	
Rowland, F.....	To pay J. E. Miller's expenses attending special Excise examinations.....	11 70	
Queen's Printer.....	Subscription to 25 copies of "Canada Gazette".....	100 00	
Price, Mrs. N. M.....	8 days' services as extra writer, from 20th to 27th March 1888, inclusive, at \$400 per annum.....	8 77	
Gray, Mrs. M. D.....	Extra services, from 1st March to 31st May, 92 days, at \$1.50 per diem.....	138 00	
Burrows, Stewart & Milne	13 tobacco scales.....	117 00	
Chaudière E. L. & P. Co.	Rent of 10 incandescent lamps, for wood naphtha warehouse, from 26th Nov. to 26th June.....	99 31	
Ottawa Gas Co.....	Coal for wood naphtha warehouse, and laying gas service into wood naphtha warehouse.....	144 00	
Sedgewick, R.....	To pay for writ of assistance to W. G. Stratton.....	2 90	
Guilfoyle, Mrs. B.....	8 days of extra writing, from 17th to 24th May, at \$400 per annum.....	8 76	
Richards, A.....	Carpenter and other work at wood naphtha warehouse.....	159 00	
Shepherd, John.....	Painting, &c., at wood naphtha warehouse.....	96 60	
Davis, J.....	Allowance for extra services to A. W. Goodman, Excise officer, assisting Inspector Davis in measuring tanks, from 1st Jan., 1887, to 30th June, 1888, at \$200 per annum.....	300 00	
Esmonde, J. R.....	One 10 gall. galvanized iron can, and repairing copper oven.....	4 25	
Flynn, D.....	Expenses from Ottawa to Toronto and return.....	19 85	
May, Geo., & Sons.....	100 feet of belting, &c., for wood naphtha warehouse.....	41 20	

APPENDIX B—No. 1.—Details of Excise Expenditure, 1887-88—*Continued.*

To whom Paid.	Service.	Amounts Paid.	Total.
<i>General Contingencies—Concluded.</i>		\$ cts.	\$ cts.
Battle, J. P	21 days' work at wood naphtha warehouse, in June, at \$2 per day.....	42 00	
Flynn, Jas. P.....	Expenses from Waterloo to Ottawa, in connection with special work at wood naphtha warehouse, and board while here, 13 days, to 30th June	33 25	
Gerald, W. J	Expenses to Toronto <i>re</i> bottling spirits.....	10 00	
Dumbrille, J.....	do attending special class examinations...	13 30	
Foran, Miss M	Temporary services.....	24 10	
Total.....		32,707 58	
DEDUCT—Received from sale of hydrometers, petroleometers, Excise locks, &c.		332 50	
Total General Contingencies.....			32,375 28
<i>Law Costs.</i>			
Stratey, H. H.....	Professional services <i>in re</i> Gilchrist, Montgomery & Martin, seizures Nos. 185, 187, 189, Toronto.....	34 00	
do	Professional services <i>in re</i> Regina <i>vs.</i> Gilchrist, No. 189.....	13 78	
		72 45	47 78
Graham, W.....	Professional services <i>in re</i> Regina <i>vs.</i> Shatford..	72 45	
do	Professional services <i>in re</i> Regina <i>vs</i> Regan, seizure No. 83.....	94 57	
do	Professional services <i>in re</i> Regina <i>vs.</i> Fraser, Pictou, seizure No. 46 <i>re</i> seizure by special officers, <i>re</i> Bryden, appeal, Cape Breton. seizure No. 14.....	27 06	
do	Professional services <i>in re</i> Regina <i>vs</i> Pitts, &c.....	7 50	
			201 58
Abbott, H., jun.....	Professional services <i>in re</i> Regina <i>vs.</i> Paquin, seizure No. 339.....		3 00
Hall, J. S., jun.....	Professional services in connection with seizure No. 29, St. Hyacinthe.....	37 66	
do	Professional services <i>in re</i> Regina <i>vs.</i> —		
	Tissot, F	18 00	
	Leblanc, Jos.....	18 00	
	Piché, A.....	14 50	
	Sabourin, F. H.....	8 00	
	Forest, J. Z.....	8 00	
	Pinsonnault, D.....	8 00	
	Michaels, M.....	8 00	
	Larchevêque, S.....	8 00	
	Brazeau, A.....	12 00	
	Beullac, R.....	12 00	
			152 16
Casgrain, Angers & Hamel.....	Professional services <i>re</i> prosecution of Victor Potvin for illicit distillation.....	12 00	
do	Professional services <i>in re</i> Regina <i>vs.</i> Robitaille, seizure No. 178.....	16 33	
do	Professional services <i>in re</i> Regina <i>vs.</i> J. B. Min-eault for illicit distillation.....	44 23	
do	Professional services <i>in re</i> Regina <i>vs.</i> Potvin, seizure No. 180.....	3 40	
do	Law costs <i>in re</i> Regina <i>vs.</i> Boissette, seizure No. 173.....	62 15	

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88—Continued.

To whom Paid.	Service.	Amounts Paid.	Total.
<i>Law Costs—Concluded.</i>		\$ cts.	\$ cts.
Casgrain, Angers & Hamel.....	Professional services and disbursements <i>in re</i> Morin and others.....	187 95	
do	Professional services in prosecution of Jos. Côté for having illicit still in his possession, seizure No 208.....	53 95	
do	On account of prosecution, viz.:— <i>Regina vs.</i> Isaac Chouinard; <i>Regina vs.</i> D. Nadeau; <i>Regina vs.</i> F. Rodrigue; <i>Regina vs.</i> E. Chouinard; <i>Regina vs.</i> Boucher.....	100 00	
do	Professional services <i>in re</i> <i>Regina vs.</i> C. Rousseau; <i>Regina vs.</i> P. Pouliot; <i>Regina vs.</i> T. Potvin; <i>Regina vs.</i> R. Angers.....	173 20	
Mosely, E. S.....	Professional services <i>in re</i> <i>Regina vs.</i> Bryden, seizure No. 14.....	63 50	
do	Professional services <i>in re</i> <i>Regina vs.</i> Bryden, appeal on 2 counts— Possession of still..... \$121.65 Illicit distilling..... 121.40	243 05	
Masson, W.	Professional services <i>in re</i> <i>Regina vs.</i> Owens, seizure No. 18.....	25 00	
do	Professional services <i>in re</i> seizures Nos. 19 & 20.....	60 00	
Chisholm, Jos. A.	Professional services <i>in re</i> <i>Regina vs.</i> McDonald, Antigonish.....	48 00	
do	Professional services <i>re</i> prosecution of Jordan for illicit distillation.....	30 00	
do	Services <i>in re</i> Queen <i>vs.</i> Curless.....	53 00	
McDonnell, S.....	Professional services <i>in re</i> <i>Regina vs.</i> McIsaac for illicit distillation.....		131 00
Johnson, J. W.....	Expenses in connection with prosecution of Geo. Barker.....		30 00
Cameron, D.....	Services in prosecution of Bryden, Cape Breton, seizure No. 14.....		2 50
Ferguson, Jno. & Mosely	Professional services <i>in re</i> <i>Regina vs.</i> Bryden, Cape Breton, seizure No. 14.....		5 00
McConville, J. N. A.....	Professional services <i>in re</i> <i>Regina vs.</i> L. LePage, seizure No. 74.....		25 00
McInnes & McDonald....	To pay magistrates' fees in prosecution of McDonald and Jordan, seizure No. 44, Pictou.....		25 00
McInnes & McIsaac	To pay expenses in connection with trial of Kennedy, Pictou, seizure No. 48.....		5 00
Peterson, H. W.....	Expenses <i>in re</i> <i>Regina vs.</i> Robertson, Guelph, seizure No. 85.....		10 00
Dewar, John.....	Legal expenses <i>in re</i> <i>Regina vs.</i> Robertson, Guelph, seizure No. 85.....		5 00
Stewart & Panner.....	Professional services <i>in re</i> <i>Regina vs.</i> D. Fraser, seizure No. 46.....		15 00
Atkins, Culver & Hamilton.....	Professional services <i>re</i> prosecution of H. & S. Reipstein for violation of Tobacco and Cigar Regulations, Winnipeg, seizures Nos. 15 and 16.....		28 80
Desroches, D.....	To pay W. B. Martel, St. Jérôme, for professional services <i>in re</i> <i>Regina vs.</i> Filion; <i>Regina vs.</i> Piché; and <i>Regina vs.</i> Alarie.....		80 00
	Total Law Costs.....		68 80
			\$1,880 35

APPENDIX B—No. 1.—Details of Excise Expenditure, 1887-88—Continued.

To whom Paid.	Place of Residence.	Service.	Amounts Paid.	Total.
		<i>Commission to Customs Officers.</i>	\$ cts.	\$ cts.
Hamilton, A. G.....	North Sydney, N.S....	From 1st July, 1887, to 30th June, 1888.....		126 27
Clute, J. S.....	New Westminster....	From 1st July, 1887, to 30th June, 1888.....		200 00
Blair, H. C.....	Truro, N.S.....	From 1st July, 1887, to 30th June, 1888.....		91 67
		Total Commission to Customs Officers.		417 94
		<i>Commission on Tobacco Stamps.</i>		
Leblanc, Ed.....	L'Epiphanie.....	Allowance of 5 per cent. on sale of stamps.....	104 66	
Ferland, Ed.....	St. Alexis.....	do do.....	18 97	
Cloutier, Z.....	St. Jacques.....	do do.....	1 00	
Desrochers, U. B.....	St. Liguori.....	do do.....	2 12	
Gauthier, B.....	St. Eustache.....	do do.....	3 00	
		Total Commission on sale of Canada Twist Stamps.....		129 75
		<i>Duty-Pay.</i>		
Blair, J. B.....		From 1st January to 31st December, 1887.....	200 00	
Baby, J. C.....	do	31st October, 1887.....	166 66	
Iler, B.....	do	31st December, 1887.....	200 00	
Dudley, W. H.....		1st July, 1886, to 31st December, 1887.....	250 00	
Carver G. W.....	do	31st September, 1887.....	125 00	
McDonald, John A.	do	31st December, 1887.....	150 00	
O'Leary, T. J.....	do	do.....	150 00	
Dawson, W.....	do	do.....	150 00	
Crowe, W.....	do	do.....	225 00	
Falconer, J. E.....	do	do.....	150 00	
Till, T. M.....	do	14th July, 1887.....	103 83	
McHugh, F. J. J.....	do	31st December, 1887.....	108 33	
Brennan, J.....	do	do.....	100 00	
Jubenville, J. B.....	do	do.....	100 00	
Bish, P.....	do	do.....	225 00	
Flynn, J. P.....	do	do.....	150 00	
Johnstone, J. E.....	do	do.....	150 00	
Gerald, W. H.....	do	do.....	225 00	
Howie, A.....	do	do.....	225 00	
Tompkins, P.....	do	do.....	175 00	
Miller, W. F.....	do	30th June 1887.....	100 00	
Gerald, C.....	do	31st December, 1887.....	200 00	
Cameron, D. M.....	do	do.....	200 00	
Spereman, J.....	do	do.....	200 00	
Craig, J.....	do	do.....	200 00	
Mason, F.....	do	do.....	200 00	
Bouteiller, G. A.....	do	do.....	200 00	
Hesson, C. A.....	do	23rd August, 1886.....	16 66	

APPENDIX B.—No. 1.—Details of Excise Expenditure, 1887-88—*Concluded.*

To whom Paid.	Service.	Amounts Paid.		Total.
		\$	cts.	\$ cts.
<i>Duty-Pay.—Continued.</i>				
Caven, W	1st November to 31st December, 1887	33	34	
Conway, B. J.	1st July to 30th November, 1887	62	50	
Flynn, D.	do do 30th September, 1887	25	00	
Crotty, John	do do 31st October, 1887	33	33	
Lynes, K.	5th August to 31st December	40	72	
Reddan, C.	10th November, do	14	08	
Cahill, J. H.	do do	14	08	
Donaghy, W.	1st July to 30th September, 1887	50	00	
Baby, W. A. D.	do do	37	50	
Total Duty-Pay				4,956 03
Total				326,998 64
Add—Printing		4,701	04	
Stationery		1,825	49	
Lithographing, engraving, &c.		290	50	
		Superannuation Fees.	Salaries.	
		\$ c.	\$ c.	
	Preventive service	70	05	3,858 94
	do do contingencies		13,701	23
				17,560 17
Authorized disbursements (less Superannuation)				24,377 20
Add—Balances due to Collectors, &c., 1st July, 1887		49	08	
do by do 30th June, 1888		913	98	
Refunds		400	00	
				1,363 06
352,738 90				
Less—Balances due by Collectors, &c., 1st July, 1887		768	98	
do to do 30th June, 1888		49	08	
				818 06
Actual disbursements agreeing with Statement 4, page 10				351,920 84

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX B.

No. 2.—DETAILS of Canal Expenditure, for the year ended 30th June, 1888-

Canals.	Name of Employés.	Deducted for Superannuation.	Amounts Paid.	Total.	Grand Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Welland Canal.</i>					
Port Colborne.....	McFarland, D. E., salary as Collector for the year.....	28 04	1,371 96		
do	Leggett, J. E., salary as Clerk for the year.....	16 04	783 96		
do	Schofield, J. S., salary as Clerk for the year.....	10 04	489 96		
do	Hain, J. R., salary as Clerk for the year.....	16 02	533 98		
	Salaries.....	70 14	3,179 86		
	Contingencies.....		537 61		
				3,717 47	
Port Dalhousie.....	Clark, W. B., salary as Collector for the year.....	19 96	980 04		
do	Pirritte, J., salary as Clerk for the year.....	16 04	783 96		
	Salaries.....	36 00	1,764 00		
	Contingencies.....		279 43		
				2,043 43	
Dunnville	Tipton, T. L. M., salary as Collector for the year.....	15 00	735 00		
	Contingencies.....		34 00		
				769 00	
Port Maitland.....	Galbraith, T. J., salary as Collector for the year.....	10 04	489 96		
	Contingencies.....		112 50		
				602 46	
Port Robinson.....	Coulter, R., salary as Collector for the year.....	14 40	705 60		
	Contingencies.....		38 43		
				744 03	
St. Catharines.....	Collier, H. H., salary as Collector for the year.....	4 04	195 96		
	Contingencies.....		6 75		
				202 71	
Chippawa.	Contingencies.....			80 50	
	Total, Welland Canal.....				8,159 60
<i>St. Lawrence Canals.</i>					
Beauharnois.....	Danis, A. D., salary as Collector for the year.....	16 96	833 04		
do	Lefebvre, H., salary as Clerk for the year.....		366 00		
	Salaries.....	16 96	1,199 04		
	Contingencies.....		118 55		
				1,317 59	
Cardinal	Reed, J., salary as Collector for the year.....	15 00	735 00		
do	McMillan, R. P., salary as Clerk for the year.....	4 96	395 04		
	Salaries.....	19 96	1,130 04		
	Contingencies.....		79 45		
				1,209 49	

APPENDIX B.—No. 2.—Details of Canal Expenditure, 1887-88--Continued.

Canals.	Names of Employés.	Deducted for Superannuation.	Amounts Paid.	Total.	Grand Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>St. Lawrence Canal</i> —Concluded.					
Cornwall.....	Phelan, J. A., salary as Collector for the year.....	19 96	980 04	1,349 98	
do	Mulhern, M. M., salary as Clerk for the year.....	1 96	98 04		
	Salaries.....	21 92	1,078 08		
	Contingencies.....		271 90		
Kingston.....	Burrows, Wm., salary as Collector for the year.....	12 00	588 00	1,173 14	
do	Fahy, E., salary as Clerk for the year.....	10 04	489 96		
	Salaries.....	22 04	1,077 96		
	Contingencies.....		95 18		
Lachine	Paré, L., salary as Collector for the year.....	19 96	980 04	2,230 27	
do	Deschamp, J. B., salary as Clerk for the year.....	13 96	686 04		
	Salaries.....	33 92	1,666 08		
	Contingencies.....		564 19		
Montreal	O'Neill, J., salary as Collector for the year.....	40 04	1,959 96	8,130 22	
do	McNally, T., salary as Clerk for the year.....	24 00	1,176 00		
do	Bussière, F., salary as Clerk for the year.....	18 00	882 00		
do	St. Louis, J., salary as Clerk for the year.....	16 04	783 96		
do	Arahill, J., salary as Clerk for the year.....	16 04	783 96		
do	Giroux, A. P., salary as Clerk for the year.....	13 96	686 04		
do	Pelletier, P., salary as Clerk for the year.....	12 00	588 00		
	Salaries.....	140 08	6,859 92		
	Contingencies.....		1,270 30		
	Total, St. Lawrence Canals.....			8,130 22	15,410 69
<i>Chambly Canal.</i>					
Chambly.....	Jodoin, A. P., salary as Collector from 1st July to 29th February.....	13 28	653 36	1,560 15	
	Martel, M. D. S., salary as Collector from 1st March to 30th June.....	6 43	316 13		
	Durocher, C., salary as Clerk for the year.....	6 32	493 68		
	Salaries.....	26 03	1,463 17		
	Contingencies.....		96 98		

APPENDIX B—No. 2.—Details of Canal Expenditure, 1887-88—Continued

Canals.	Names of Employés.	Deducted for Superannuation.	Amounts Paid.	Total.	Grand Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Chambly Canal.</i>					
St. John's.....	Quesnel, J., salary as Collector for the year.....	16 04	783 96		
	Fournier, J. A., salary as Clerk for the year.....	6 32	493 68		
	Salaries.....	22 36	1,277 64		
	Contingencies.....		166 31		
St. Ours Lock	Lebœuf, J., salary as Collector for the year.....		600 00	1,443 95	
	Contingencies.....		22 55	622 55	
<i>Ottawa Canals.</i>	Total, Chambly Canal.....				3,626 65
Carillon	Murphy, D., salary as Collector for the year.....	12 00	588 00		
	Contingencies.....		158 72	746 72	
Grenville.....	Pridham, A., salary as Collector for the year.....	16 04	783 96		
	Contingencies.....		121 34	905 30	
St. Anne's Lock	Barrett, J., salary as Collector for the year.....		900 00		
do	Crevier, W., salary as Assistant for the year.....	6 32	493 68		
	Salaries.....	6 32	1,393 68		
	Contingencies.....		50 47	1,444 15	
	Total, Ottawa Canals.....				3,096 17
<i>Rideau Canal.</i>					
Kingston Mills.....	Deane, J., salary as Collector for the year.....	4 96	395 04		
	Contingencies.....		61 55	456 59	
Ottawa.....	Farley, J. F., salary as Collector for the year.....	24 00	1,176 00		
do	Battle, T., salary as Assistant for the year.....	16 04	783 96		
	Salaries.....	40 04	1,959 96	2,220 51	
	Contingencies.....		260 55		
Smith's Falls	Richey, W. M., salary as Collector for the year.....	3 72	296 28		
	Contingencies.....		30 75	327 03	
	Total, Rideau Canal.....				3,004 13
St. Peter's Canal ...	Kavanagh, W. M., salary as Collector for the year.....	4 04	195 96		195 96
Inspector of Canals.	Witton, H. B., salary for the year....	36 00	1,764 00		
	Contingencies.....		378 65		
	Totals				2,142 65
					35,635 85

APPENDIX B.—No. 2.—Details of Canal Expenditure, 1887-88—*Concluded.*

To whom Paid.	Service.	Amount.	Grand Total.
<i>General Contingencies.</i>		\$ cts.	\$ cts.
O, Connor, D.....	Commission on \$8,161.50, amount of hydraulic rents collected through him.....	816 15	
do	Professional services <i>in re</i> lease of J. W. McRae.....	33 80	
do	On account of costs in collecting hydraulic rents from Thos McKay and others.....	500 00	
Harkins, Miss E.....	Extra services in Canal Branch, from 6th to 19th July, inclusive.....	15 34	1,349 95
do	Extra services from 29th Sept. to 8th Oct., inclusive, at \$400 per annum.....	10 96	
Guilfoyle, Mrs. B.....	Temporary services for 9 days, from 22nd to 30th Aug., inclusive, at \$400 per annum.....	9 87	26 30
do	Temporary services from 23rd Jan. to 6th Feb., 1888, inclusive, at \$400 per annum.....	16 44	
Bray, Alice.....	Extra services for 7 days, at \$400 per annum.....		26 31
Fr�chet�te, A.....	Translation of Canal Regulations.....		7 67
McCarthy, Miss.....	Extra services from 19th to 31st Oct., inclusive.....	14 25	4 50
do	do 1st to 18th Nov. do	19 72	
do	do 18th Jan. to 17th Feb., inclusive, at \$400 per annum.....	33 97	
Foran, J. K.....	Temporary Clerk, from 23rd Nov. to 22nd Feb., inclusive, 92 days, at \$2 per diem		67 94
O'Reilly, Lillie.....	Extra services from 6th to 15th Dec, 1887, inclusive, at \$400 per annum.....	10 96	184 00
do	Extra services from 20th to 30th Dec., 1887, inclusive, at \$400 per annum.....	10 96	
Eccles, J. C.....	Fees paid for collection of hydraulic rents.....		21 92
Hall, J. C., jun	Professional services <i>in re</i> Poulin, rent of canal lots.....		14 05
Barsalo, E.....	Expenses in connection with measuring lots of timber which passed through canals under rated.....		10 00
Wilkinson, Mrs. D...	Services from 9th May to 30th June, inclusive, at \$400 per annum		37 00
Henry, Miss E.....	Services from 1st to 7th of June, inclusive, at \$400 per annum, in Correspondence Branch	7 67	58 14
do	Services from 9th to 15th of June, inclusive, at \$400 per annum, in Correspondence Branch.....	7 67	
Phelan, J. A.....	For loss sustained by him by destruction of household effects during the flood.....		15 34
			125 00
			1,948 12
	Grand Total.....		37,583 97
	ADD—Printing.....	508 30	
	Stationery.....	149 04	
	Lithographing, engraving, &c.....	40 00	
			697 34
	Authorized disbursements (less superannuation).....		38,281 31
	ADD—Balances due to collectors, 1st July, 1887.....		1 00
			38,282 31
	Less—Balances due to Collectors, 30th June, 1888...		1 00
	Actual disbursements agreeing with Statement G, page 16		38,281 31

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX B.—Continued.

No. 3.—SLIDES AND BOOMS' SERVICE—Details of Expenditure for the Fiscal Year ended 30th June, 1888.

Office.	Names.	Nature of Service.	Deduction for Super-annuation.		Amount Paid		Total.		Grand Total.		
			\$	cts.	\$	cts.	\$	cts.	\$	cts.	
OTTAWA	Poupore, J.	Salary as Collector for the year	52	04	2,547	96					
	Macnutt, C. T.	do Assistant	40	04	1,959	96					
	Ritchie, Jas.	do Accountant	31	96	1,568	04					
	Russell, A. J.	do Draftsman	24	00	1,176	00					
	Smith, E. T.	do Clerk	24	00	1,176	00					
	Darby, H. J.	do do	16	96	833	04					
	Larose, S. C.	do do	16	96	833	04					
	Slater, Jas.	do do	16	96	833	04					
	Redmond, J.	do Boatman	13	96	686	04					
	Steen, Jas.	do do	13	96	686	04					
	Jackson, J.	do Messenger	12	00	588	00					
			Total Salaries.	262	84			12,887	16		
			<i>Contingencies.</i>								
		Russell, A. J.	Rent of office			450	00				
		Post Office	Postal accounts			174	82				
	Telegraph Co.	Telegrams			148	31					
	Telephone Co.	Rent of telephone			41	40					
	Corporation of Ottawa	City taxes			82	29					
	do	Water rates			26	05					
	Butterworth, J. G.	Coal			60	00					
	Christin, C. A.	Ice			4	50					
	Donaldson, S.	Charwoman			48	00					
	Militia and Defence Dept.	Flag			10	50					
	Hutton & Living	Hardware			6	51					
	Enright, J. C.	Stove and pipes			3	95					
	Dewis & Chandler	Plumbers' work			3	15					
	Esmonde, J. R.	Repairing water pipes			4	60					
	Pritchard & Andrews	Exclograph compound			8	00					

Queen's Printer.....	Canada Gazette.....	4 00		
Langlois, C. F.....	Quebec do.....	5 00		
Warwick & Sons.....	Ontario do.....	8 00		
Pinard, Wm. W.....	Almonte Times.....	2 00		
Woodburn, A. S.....	Ottawa Directory.....	2 00		
Witzen P. & P. Co.....	do Citizen.....	6 00		
Foote, John J.....	Quebec Chronicle.....	6 00		
Cluff, W. H.....	Horse hire.....	3 00		
Macnutt, C. S.....	Travelling expenses.....	4 05		
Darby, John.....	Expenses as guardian of seized timber at Aylmer.....	5 00		
Back, James.....	Cupboard for stationery.....	25 00		
Board of Health.....	Cleaning privy.....	5 50		
Poupoire, John.....	Petty expenses.....	42 43		
Coughlan, M. A.....	Services as Extr. Clerk.....	66 66		
City Corporation.....	Local improvement taxes.....	17 82		
	Total Contingencies.....		1,274 54	
	Total Ottawa Office.....			14,161 70
<i>Salaries.</i>				
Chaloner, H. J.....	Salary as Collector for the year.....	48 00		
Miller, H. J.....	do Assistant.....	28 04		
Miller, P.....	do Clerk.....			
Harnicy, T.....	do Messenger.....	1 80		
	Total Salaries.....	77 84		5,072 16
<i>Contingencies.</i>				
Hearn, John.....	Office rent.....	250 00		
G. N. W. Tel. Co.....	Telegrams.....	3 07		
Queen's Printer.....	Quebec Gazette.....	5 00		
Cherrier, A. B.....	do Directory.....	5 00		
Postmaster.....	Rent of drawer.....	6 00		
Miller, H. J.....	Cove inspection.....	24 05		
Foote, John J.....	Subscription to <i>Chronicle</i>	6 00		
Miller, M., & Son.....	Ink account.....	9 50		
Miller, P.....	Ready reckoners.....	20 00		
Foley, Mary.....	Cleaning office.....	32 00		
Miller, M.....	Stamps.....	24 75		
Sundry persons.....	Petty contingencies.....	11 55		
	Total Quebec Office.....		396 92	5,469 08

QUEBEC

APPENDIX B.—No. 3.—SLIDES AND BOOMS' SERVICE—Details of Expenditure for the Fiscal Year ended 30th June, 1888—Concluded

Office.	Names.	Service.	Deduction for Super-annuation.	Amount Paid.	Total.	Grand Total.	
			\$ cts.	\$ cts.	\$ cts.	\$ cts.	
THREE RIVERS	Dumoulin, S.	Salaries.	2 40	197 52	543 12	1,090 17	
	Normand, J. B.		4 40	345 60			
		Total Salaries.....	6 80				
		Contingencies.					
		Lymburner, Narcisse.....		241 25			
		Desilets, Ephrem.....		146 25			
		Lymburner, Cyrille.....		125 45			
		Ayotte, P. V.....		2 60			
		Travelling expenses.....		12 50			
		Expenses en re official visit to Ottawa.....		19 00			
		Total St. Maurice Office.....			847 05		
		Grand Total.....			20,720 95		
		App—Printing.....			9 97		
		Stationery.....			133 22		
		Actual disbursements (less Superannuation) agreeing with Statement 8, page 19.....			143 19		
					20,864 14		

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX B.—Continued.
No. 4.—DETAILS of Fees paid to Cullers, for the Fiscal Year ended 30th June, 1888.

Offices.	Department.	Names of Cullers.	Amount.	Total.	Grand Total.		
			\$ cts.	\$ cts.	\$ cts.		
QUEBEC	Square Timber.....	Duggan, Edward.....	700 00	10,350 00			
		Noel, Elie.....	700 00				
		Gilchen, Thomas.....	700 00				
		Dorval, George.....	700 00				
		Kelly, Edward.....	700 00				
		Frederick, Ant.....	700 00				
		McKendry, Daniel.....	700 00				
		O'Brien, Martin.....	700 00				
		Miller, Alfred.....	700 00				
		Mcmenly, Thomas.....	700 00				
		Bergeron, Joseph.....	700 00				
		Kelly, Michael.....	700 00				
		Larose, Joseph.....	550 00				
		McPeak, William.....	700 00				
		Lockquell, A. H.....	700 00				
		Deal, Planks, &c.....				Ladhamme, Joseph.....	700 00
						Morency, Louis.....	700 00
						Malone, Jeffery.....	300 00
						Malone, Thomas, sen.....	700 00
						Patry, Thomas.....	700 00
						Cauchy, Charles.....	700 00
						Lynch, John.....	700 00
						Gilchrist, John.....	700 00
						Vachon, J. B.....	700 00
						Murphy, Thomas.....	700 00
Staves.....		Demers, F. X.....	700 00				
		Malone, Thomas, jun.....	700 00				
		Frederick, Joseph.....	700 00				
		Ferland, Pierre.....	700 00				
		Munro, Wm.....	700 00				
		Total, Quebec.....		2,100 00			
					20,450 00		

APPENDIX B.—Continued.
 No. 4.—DETAILS of Fees paid to Cullers, for the Fiscal Year ended 30th June, 1888—Concluded.

Office.	Department.	Names of Cullers.	Amount.	Total.	Grand Total.
MONTREAL, LACHINE AND SOREL	General Cullers	Cusson, François	\$ 909 15	\$ cts.	\$ cts.
		Barsalo, Edouard	909 15	.....	.....
		Total, Montreal, Lachine and Sorel.....	.....	.....	1,818 30
		Total fees paid to Cullers .....	.....	.....	22,268 30

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
 OTTAWA, 8th September, 1888.

APPENDIX B—Continued.
No. 5.—DETAILS of Cutlers' Expenditure, for the Fiscal Year ended 30th June, 1888.

Office.	Names.	Nature of Service.	Deducted for Super-annuation.	Amount Paid.	Total.	Grand Total.	
			\$ cts.	\$ cts.	\$ cts.	\$ cts.	
QUEBEC.....	Patton, James	<i>Salaries.</i> Supervisor of Cutlers for the year.....	48 00	2,352 00			
	Lane, John	do	31 96	1,598 04			
	Walsh, T. J.	do	30 00	1,470 09			
	Gowen, E.	do	22 04	1,077 96			
	Lecompte, S.	do	13 96	686 04			
	Power, R.	do	13 96	686 04			
	Whelan, W. F.	do	20 00	980 00			
	DeMartigny, C. P. L.	do	14 00	686 00			
	Belland, J. E.	do	14 00	686 00			
	LeVasseur, Z.	do	12 96	637 04			
	Poliquin, F.	do	12 00	588 00			
	Gallagher, F.	do	12 00	588 00			
	Grogan, S. E.	do	6 88	543 12			
	Belle-Rive, Chas.	do	6 88	543 12			
	Harney, Thos.	do	4 40	345 60			
		Messenger for the year.....		4 40			
		Total Quebec Salaries.....		263 04		13,436 96	
		<i>Contingencies.</i>					
		Hearn, John.....	Rent of office for the year.....		1,040 00		
		Quebec Corporation.....	Taxes, &c		375 93		
	Pruneau, A. R., & Co.	Coal		220 40			
	Trudel, Aug.	10 cords firewood		74 00			
	Foley, Mary	Cleaning office		104 00			
	LaRoche & Co.	6 filters, at \$15 each; sundries, \$11.....		101 00			
	Kane, J. R.	Putting up stoves, and supplying pipes, &c., since 1885		57 50			
	Rancour, N.	Ice.....		15 00			
	O'Neil, John.....	30 days' labor, whitewashing, putting in coal and wood, &c		50 00			
	Corbin, Jos.	Carpenters' work, and supplying material.....		40 53			
	Holmes, Margaret.....	Cleaning double windows and sashes		60 00			
	Bell Telephone Co.	Use of telephone		40 00			
	Duggan & Rogers.....	Watchmen		37 50			

APPENDIX B.—No. 5.—DETAILS of Cullers' Expenditure for the Fiscal Year ended 30th June, 1883—Continued.

Office.	Names.	Nature of Service.	Deducted for Super-annuation.	Amount Paid.	Total.	Grand Total.
			\$ cts.	\$ cts.	\$ cts.	\$ cts.
QUEBEC.	Arnold, Thos.	Removing snow.		25 00		
	Miller, Pierre.	Ready Reckoners		40 00		
	Quebec Post Office.	Rent of drawer.		30 00		
	Dobbin, J. J.	Clocks		10 00		
	Cherrier, A. B.	Quebec Directory		6 50		
	Lemieux, Z.	Locksmith		6 35		
	Behan Bros.	29 yards tick, flannel and cotton		13 30		
	Walsh, J. E.	Stationery		10 14		
	Hawkins, T.	Soap, matches, scrubbing brushes, &c		3 00		
	Lafrance, G. A.	Binding		2 10		
	O'Neill & Judd.	Tape		4 15		
	Dawson & Co.	Stationery		62 25		
	Brousseau, J. B.	Advertising in "Courier"		32 40		
	Foote, J. J.	do "Chronicle"		25 68		
	Mercier & Co.	do "Quotidien"		35 90		
	Carey, G. J.	do "Mercury"		25 75		
	Demers et frère.	do "Le Canadien"		59 00		
	do	do "L'Événement"		42 25		
	do	do "Télégraph"		13 00		
	Carrel, Jas.	do "Budget"		16 40		
	do	do "Shareholder"		4 00		
	Foote, S. B.	do "Irish Canadian"		6 00		
	Boyle, Pat.	Subscription to "Gazette"		6 00		
	"Gazette", Printing Co.	do "Chronicle"		6 00		
	Foote, J. J.	do "Journal"		6 00		
	Côté, A.	do		101 86		
	Walsh, T. J.	Expenses in connection with Board of Examiners		74 31		
	do	Petty expenses, \$8.11; cart'g, \$14.68; tel., \$1.52			2,895 18	
		Total, Quebec Contingencies.....				
		<i>Cullers' Expenses.</i>				
	Cullers' expenses			341 49		
McKendry, D.	do			223 08		
O'Brien, M.	do			217 28		
Gilchen, Thos.	do			172 89		
Bergeron, Jos.	do			148 68		
LaRose, Jos.	do			140 92		
Frederick, A.	do					

McInerly, Thom.....	do	138 69
Dorval, Geo.....	do	118 84
Kelly, M.....	do	110 45
McPeak, Wm.....	do	104 99
Kelly, Ed.....	do	82 66
Duggan, Ed.....	do	65 62
Miller, A.....	do	57 57
Noel, E.....	do	42 60
Yachon, J. B.....	do	62 00
Lynch, John.....	do	60 15
Lafamme, Jos.....	do	38 69
Murphy, Thos.....	do	26 08
Demers, F. X.....	do	25 82
Cauchy, Chas.....	do	58 60
Patry, Thos.....	do	75 00
Gilchrist, John.....	do	18 70
Lockquell, A. H.....	do	1 69
Frederick, Jos.....	do	25 78
Munro, Wm.....	do	6 59
Ferland, Pierre.....	do	4 70
Total, Cullers' Expenses.....		2,368 47
Total, Quebec Expenditure.....		18,700 61
<i>Paid to Retired Cullers.</i>		
Superannuation.....		
Jobin, Pierre.....	do	200 00
Jeuneat, P.....	do	200 00
Morrisette, Jos.....	do	200 00
Lockquell, A. H.....	do	200 00
Demers, F. X.....	do	200 00
Verrault, Ed.....	do	200 00
Murphy, M.....	do	200 00
Feore, J. F.....	do	200 00
Dorval, P.....	do	200 00
Walsh, Wm.....	do	200 00
Myrand, Louis.....	do	200 00
Hamel, A. F.....	do	200 00
Gibbons, M.....	do	200 00
Hamel, M.....	do	200 00
Villeneuve, Jas.....	do	200 00
Couture, Chas.....	do	200 00
Bédard, J.....	do	200 00
Thompson, F. X.....	do	200 00
Peverly, late John.....	do	16 68
Rafferty, John.....	do	200 00
McNaughton, J.....	do	200 00

APPENDIX B.—No. 5.—DETAILS of Cutlers' Expenditure for the Fiscal Year ended 30th June, 1888---Continued.

Office.	Names.	Nature of Service.	Deduction for Superannuation.	Amount Paid.	Total.	Grand Total.
			\$ cts.	\$ cts.	\$	\$ cts.
QUEBEC	Beaupré, Noel	Superannuation.....		200 00		
	Frenette, Jos	do		200 00		
	Malone, J. C	do		200 00		
	Brousseau, J. B.	do		200 00		
	McCormick, John	do		200 00		
	Duggan, Wm.	do		200 00		
	Clark, Thos	do		200 00		
	Miller, late G	do		16 68		
		Total paid to Retired Cutlers.....				5,433 36
	MONTREAL, LACHINE AND SOREL		<i>Salaries.</i>			
Daveluy, Geo.		Deputy Supervisor of Cutlers for the year.....	18 00	882 00		
Deserres, G.		Book-keeper for the year.....	4 96	395 04		
Desaulniers, E.		do	2 48	197 52		
		Total Salaries.....	25 44		1,474 56	
		<i>Contingencies.</i>				
Seath, David		Rent of office for the year.....		99 96		
Lussier, Dme.		Charwoman.....		36 00		
Post Office.....		Postal accounts.....		4 00		
Miller, P.....		"Ready Reckoner"		16 00		
	Total Contingencies.....			155 96		
	Total, Montreal, Lachine and Sorel.....				1,630 52	
THREE RIVERS	Malone, T	Deputy Supervisor of Cutlers for the year.....	3 72		296 28	

<i>Contingencies.</i>			
Malone, T., jun.....	9 mos. house rent.....	108 00	
do.....	Travelling expenses.....	104 25	
do.....	Petty expenses.....	20 80	
Malone, T., sen.....	do.....	75 00	
Gilchrist, John.....	9 mos. house rent.....	90 00	
do.....	Travelling expenses.....	31 25	
do.....	Sundries.....	395 77	
Gouin, W. G.....	Services as extra clerk.....	16 00	
Miller, Pierre.....	"Ready Reckoner," 4 copies.....	12 00	
Ogden, C. K.....	Postage stamps.....	6 00	
Footte, J. J.....	Subscription to "Chronicle".....	3 65	
Louthood, A. T.....	Stationery.....	0 75	
Connor, P. M.....	Repairing office clock.....		
	Total Contingencies.....	873 72	
	Total, Three Rivers.....		1,170 00
<i>General Contingencies.</i>			
Angus Casgrain and Hamel.....	Professional services <i>in re</i> Reg. vs. J. K. Ward.....		13 40
	Total.....		49,216 28
	Add—Printing.....	96 64	
	Stationery.....	105 24	
	Total.....		201 88
	Authorized disbursements (less superannuation).....		49,418 16
	Add—Balances due by Supervisors, 30th June, '88.....		75 00
	Less—Balances due by Supervisors, 1st July, '87.....		49,493 16
	Actual disbursements agreeing with Statement 12, page 24.....		249 88
			49,243 28

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX B.—*Continued.*

No. 6.—DISTRIBUTION of Seizures, for the Year ended 30th June, 1888.

Division.	To whom Paid.	Service.	Amount Paid.	Totals.
<i>Ontario.</i>				
			\$ cts.	\$ cts.
Brantford	Officer E. H. Simon.....	Penalty imposed in a case where no seizure was made.....		200 00
Cornwall	do J. A. Gravelle	For his proportion of Seizure No. 1...	7 50	
		do do 2...	10 48	
		do do 3...	7 86	25 82
Kingston... ..	do J. E. Miller.....	do do 48...	4 50	61 50
	do P. M. Keogh.....	do do 49...	3 00	
		do do 50...		7 50
	do A. Hanley	do do 51...		3 00
London.....	do J. McSween.....	do do 46...		1 00
Ottawa.....	do J. A. Gravelle....	do do 58...	3 50	
		do do 59...	8 50	
Prescott	do T. C. Hamilton...	do do 10...		12 00
Peterboro'.....	do J. E. Miller.....	Penalty from T. A. McGowan.....		14 00
Stratford.....	do A. Caven.....	do do Boyd.....		6 00
Toronto.....	do W. C. Stratton...	To pay informer fine on Seizure No. 188.....	200 00	100 00
		To pay informer penalty <i>in re</i> D. Gilchrist.....	100 00	
		To pay informer penalty <i>in re</i> Seizure No. 189.....	100 00	
		To pay informer penalty <i>in re</i> Seizure No. 191.....	100 00	
		To pay informer penalty <i>in re</i> Seizure No. 192.....	100 00	
				600 00
Windsor.....	do G. T. Evans.....	Penalty from T. A. McGowan.....		6 00
	do J. G. Standish.....	For his proportion of Seizure No. 59..	7 80	
		Penalty from M. Papineau.....	10 00	17 80
<i>Quebec.</i>				
Iberville.....	do J. A. Watkins.....	For his proportion of Seizure No. 6...		4 10
Joliette.....	do A. Lafontaine.....	do do 57...	19 50	
		do do 69...	6 35	
		do do 70...	7 50	
		do do 72...	1 50	
		do do 74...	49 90	84 75
Montreal.....	do J. A. Watkins.....	do do 540...	8 17	
		do do 542...	0 43	
		do do 553...	12 12	
		do do 574...	10 75	
		do do 582...	3 80	
		do do 589...	69 79	
		do do 590...	0 90	
				105 96
	do F. X. J. A. Toupin	do do 542...	0 44	
		do do 552...	6 84	
				7 28
	do J. J. Costigan.....	do do 540...		8 16
	do J. P. Beauchamp..	do do 540...		8 17
	do D. Cameron.....	do do 522...		35 00

APPENDIX B.—Continued.

No. 6—DISTRIBUTION of Seizures—Continued.

Division.	To whom Paid.	Service.	Amounts Paid.	Totals.
<i>Quebec.—Continued.</i>			\$ cts.	\$ cts.
Montreal	Officer H. G. S. Dixon.....	For his proportion of Seizure No. 590.....		0 90
	do J. J. Coleman	do do 592.....		653 29
	do J. E. Cox.....	do do 553.....		12 13
	do E. J. Wilkes	For his proportion of Seizures Nos. 547 and 548.....		599 65
	do J. Brousseau	For his proportion of Seizures Nos. 547 and 548.....		599 65
	do J. P. F. Tansey.....	To pay informer fine collected on Seizure No. 545	25 00	
		For his proportion of Seizure No. 545	24 50	
	do E. Forest.....	do do 593		49 50
	do J. A. Gravelle	do do 558	49 25	4 40
		do do 559	23 88	
		do do 560	49 50	
		do do 567	49 50	
		do do 568	49 50	
		do do 569	47 50	
		do do 574	10 75	
	do A. Lafontaine.....	do do 490	1 38	279 88
		do do 492	4 93	
		do do 588	0 23	
				6 54
Quebec.....	do O. Bourget	do do 160		7 10
	do McNamara	do do 160	7 10	
		do do 179	4 20	
		do do 203	0 75	
		do do 209	8 65	
				20 70
	do J. Rouleau	do do 177		396 88
	do L. Lépine.....	do do 177	396 88	
		do do 209	8 65	
				405 53
	do E. Trudel.....	do do 177		396 89
	do B. Her.....	do do 178		448 81
	do J. Courtney.....	do do 179		4 20
	do J. Sexton.....	do do 190		0 11
	do J. A. Gravelle.....	do do 186	3 50	
		do do 190	0 11	
		do do 192	3 94	
		do do 195	7 68	
		do do 196	0 68	
		do do 198	0 34	
				16 25
Sorel	do A. Lafontaine.....	do do 31	0 49	
		do do 35	2 50	
				2 99
	do J. A. Watkins.....	do do 29	12 20	
		do do 30	0 80	
		do do 32	6 03	
				19 03
Terrebonne...	do F. X. J. A. Toupin	do do 32		6 02
	do J. A. Watkins.....	do do 11	4 81	
		do do 12	4 81	
		do do 13	4 81	
		do do 14	4 81	
				19 24

APPENDIX B.—Continued.

No. 6.—DISTRIBUTION of Seizures—Concluded.

Division.	To whom Paid.	Service.	Amount Paid.	Totals.
<i>Quebec—Concluded.</i>			\$ cts.	\$ cts.
Terrebonne...	Officer J. A. Watkins....	To pay informer share on Seizure No. 11.....	6 25	
		To pay informer share on Seizure No. 12.....	6 25	
		To pay informer share on Seizure No. 13.....	6 25	
		To pay informer share on Seizure No. 14.....	6 25	
Three Rivers..	do C. Z. Duplessis....	For his proportion of Seizure No. 60.....		25 00 25 63
<i>New Brunswick.</i>				
St. John.....	Officer J. C. Ferguson....	For his proportion of Seizure No. 24	0 75	
		do do	28 12 40	
		do do	29 12 40	
	do J. Bogue	do do	25	25 55
	do J. R. McCloskey...	do do	28	12 40
do J. R. Belyea.....	do do	29	12 40	
<i>Nova Scotia.</i>				
Cape Breton..	Officer C. Curless.....	For his proportion of Seizure No. 8	43 70	
		do do	10 10 00	
Halifax.....		do do	65 2 70	
		do do	66 3 80	
		do do	67 5 70	
		do do	68 1 35	
		do do	70 26 40	
		do do	78 20 03	
		do P. Hagarty.....	do do	64 40 21	59 98
		do do	74 23 25	
		do do	75 1 50	
		do do	82 10 05	
		To pay informer share on Seizure No. 82.....		75 01
				10 06
	do P. Tompkins.....	For his proportion of Seizure No. 64	40 22	
		do do	75 1 50	
				41 72
	do H. H. Grant.....	To pay informer fine collected on Seizure No. 76.....		100 00
Pictou.....	do J. H. McKay.....	To pay informer fine collected from W. McDonald.....		100 00
	do C. Curless.....	To pay informer penalty imposed on Seizure No. 36.....	15 41	
		To pay informer fine collected on Seizure No. 46.....	100 00	
				115 41

APPENDIX B.—Continued.

No. 6.—DISTRIBUTION of Seizures—Continued.

Division.	To whom Paid.	Service.	Amount Paid.	Totals.
			\$ cts.	\$ cts.
<i>Prince Edward Island.</i>				
Charlottetown	Officer C. Curless	For his proportion of Seizure No. 2	47 50	
		do do	4 0 70	
		do do	5 0 55	
		do do	6 25 80	
		do do	7 21 60	
		do do	8 21 30	
				117 45
<i>Manitoba.</i>				
Winnipeg.....	Officer Gosnell	For his proportion of Seizure No. 14	8 00	
		do do	15 32 95	
		do do	16 2 25	
	do P. Thomas.....	do do	17	43 20
				249 80
		Grand Total.....		6,350 04

RECAPITULATION.

Ontario.....	\$1,054 62
Quebec.....	4,253 74
New Brunswick.....	75 35
Nova Scotia.....	555 88
Prince Edward Island.....	117 45
Manitoba.....	293 00
Total.....	\$6,350 01

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX B.—Continued.

No. 7.—DETAILS of Sundry Minor Expenditures, for the Fiscal Year ended 30th June, 1888.

To whom Paid.	Service.	Amounts Paid.	Total.
<i>Minor Public Works.</i>		\$ cts.	\$ cts.
B. A. Bank Note Co.....	Supreme Court Law Stamps		0 95
La Vallée d Ottawa.....	Advertising for tenders for Rockland Ferry.....		13 00
Citizen P. & P. Co.....	do do		13 00
Pembroke Standard.....	Advertising extension of time for tenders for Pembroke Ferry		1 56
Moniteur Acadien.....	Advertising for tenders for Restigouche Ferry.....		7 20
Woodstock Press.....	do do Clair's Landing Ferry.....		4 62
Investigator	do do Rockland Ferry.....	7 50	
do	do do Pembroke Ferry	4 20	
			11 70
Moncton Times	Advertising lease of Campbellton Ferry		7 80
Lawlor, R. A	Expenses incurred in getting Bond for Ferry to Campbellton.....		9 18
	Total		69 01
<i>Inspection of Staples.</i>			
Wills, E. A.	Expenses incurred <i>in re</i> establishment of Standards of Grain for the Dominion, for Year 1887-88.....		1,262 98
Harris, J.	Expenses in Port Hope <i>in re</i> grain inspection.....		25 00
Hadrill, G	Expenses in connection with the selection of Standards of flour and meal	623 62	
do	Expenses of Messrs. D. G. McBean and H. Labelle to Ottawa, <i>re</i> proposed amendments to grain clauses of Inspection Act.....	14 00	
do	Hotel expenses in connection with delegation of Boards of Trade	8 00	
			645 62
Bellemare, R.....	Express charges for distribution of Flour Standards		39 50
LaRue, Geo	Storage of flour samples.....		0 25
Smith, J. W.....	Fare to Ottawa and return	146 15	
do	Hotel expenses in connection with delegation of Boards of Trade.....	10 50	
			156 65
Campbell, K.....	Fare to Ottawa and return.....	117 00	
do	Hotel expenses in connection with delegation of Boards of Trade.....	20 00	
			137 00
McBean, D. G	Fare to Ottawa and return.....	76 00	
do	Hotel expenses in connection with delegation of Boards of Trade.....	15 00	
			91 00
Gibbs, F. E	Fare to Ottawa and return	91 00	
do	Hotel expenses in connection with delegation of Boards of Trade	11 00	
			102 00
Morgan, B. R.....	Expenses to Ottawa <i>re</i> proposed amendments to grain clauses of Inspection Act	23 00	
do	Hotel expenses in connection with delegation of Boards of Trade.....	17 00	
			40 00
			2,500 00
	Loss—Sale of old flour samples		28 63
	Total		2,471 37

APPENDIX B.—No. 7.—Details of Sundry Minor Expenditures—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total.
		\$ cts.	\$ cts.	\$ cts.
<i>Adulteration of Food.</i>				
Macfarlane, Thos.	Salary as Chief Analyst for the year.	39 96	1,959 96	
Lefebvre, F. X.	do Assistant Analyst for the year.	19 92	980 04	
McGill, A.	do do from 1st Nov., 1887, to 30th June, 1888.	14 28	653 36	
Casey, Thos.	Services as Clerk in laboratory.	15 96	783 96	
Costigan, J. J.	Food Inspector, from 4th April to 30th June	1 92	94 74	
Webster, T.	do from 11th May to 30th June	0 77	38 36	
		92 81		
Watson, Jas.	Food Inspector, from 21st January to 30th June.			4,510 42
Towle, C. E.	Food Inspector, from 1st February to 31st March.			257 00
				90 00
<i>Contingencies.</i>				
Macfarlane, Thos.	Travelling expenses.			249 20
Costigan, J. J.	do.			149 99
Webster, T.	do.			35 80
Watson, Jas.	do.			634 26
Towle, C. E.	do.			218 98
Fiset, M.	Allowance under the Act for retaining fee.		200 00	
do	do rent.		100 00	
do	do cost of material for analysing.		100 00	
do	Expenses in <i>re</i> Queen <i>vs.</i> Bourgeau & Herron's Baking Powder case at Quebec.		28 75	
do	Fees for analysis.		1,238 00	
				1,666 75
Bowman, M.	Allowance under the Act for retaining fee.		200 00	
do	do rent.		100 00	
do	do cost of material for analysing.		100 00	
do	Fees for analysis.		1,468 10	
				1,868 10
Edwards, J. B.	Allowance under the Act for retaining fee.		200 00	
do	do rent.		100 00	
do	do cost of material for analysing.		100 00	
do	Fees for analysis.		1,642 00	
				2,042 00
Valade, F. X.	Allowance under the Act for retaining fee.		200 00	
do	do rent.		100 00	
do	do cost of material for analysing.		93 60	
do	Fees for analysis.		1,090 00	
				1,483 60
Ellis, W. H.	Allowance under the Act for retaining fee.		200 00	
do	do rent.		100 00	
do	do cost of material for analysing.		100 00	
do	Fees for analysis.		1,623 50	
				2,023 50
Wright, John E., jun.	Allowance under the Act for retaining fee.		200 00	
do	do rent.		100 00	
do	do cost of material for analysing.		100 00	
do	Fees for analysis.		532 00	
				832 00

APPENDIX B.—No. 7.—Details of Sundry Minor Expenditures—*Continued.*

To whom Paid.	Service.	Amounts Paid.	Total.
<i>Adulteration of Food—Continued.</i>		\$ cts	\$ cts.
Best, W. F.	Allowance under the Act for retaining fee.....	200 00	
do	do rent.....	100 00	
do	do cost of material for analysing.....	100 00	
do	Fees for analysis.....	\$1,033 00	
	Less—Amount retained for sundries... 51 96		
		971 04	1,371 04
Marsan, C. F.	Expenses in connection with Board of Examiners..	277 00	
	Analysing samples and expenses incurred therein..	524 00	
			801 00
Girdwood, Dr.	Expenses attending meeting of Board of Examiners.....		208 60
Ruttan, Dr. R. F.	Digestion experiments on three samples Baking Powder and expenses on same.....		35 00
McGill, A	Analysing samples.....	734 00	
do	Expenses to Montreal and return	16 10	
do	To pay for one analytical balance for Department.	80 00	
			830 10
Battle, M.	Purchase of samples for analysis		48 24
LaRue, Geo.	do		62 95
Costigan, H. A.	do		146 38
McAllister, A.	do		7 91
Travis, Geo.	do		62 02
Stratton, W. C.	do		95 08
Rowland, F.	do		9 71
Grant, H. H.	do		77 49
Vincent, J. L.	do		178 34
Hall, J. J.	do		6 77
Kellock, D.	do		1 50
Dumbrille, J.	do		9 88
Graham, W. J.	do		7 05
Henderson, Wm.	do		9 10
Simpson, A. F.	do		20 72
Caven, A.	do		6 14
Spence, J.	do		3 60
McKay, J. H.	do		23 72
Miller, W. F.	do		12 13
Kenning, J. H.	do		3 04
Seymour, J.	do		8 25
McDonald, M. A.	do		8 50
Mulhern, M.	do		3 75
Ironside, G. A.	do		9 85
Powell, J. B.	do		3 50
Bell, C. C., & Co.	do		3 06
Quebec Daily Mercury... La Vallee d Ottawa.....	Advertising Act respecting Fertilizers.....		71 50
Aylmer Times	do		17 40
Canadian Agriculturist..	do		20 90
Canadian Sportsman.....	do		61 00
Volksblatt	do		36 00
Canadian Mining Review	do		25 30
Investigator	do		139 12
Empire Printing Co.	do		11 70
Graham, W.	Professional services		50 00
O'Connor, D.	do		37 00
Casgrain, Angers & Hamel.....	do		32 65
			27 58

APPENDIX B.—No. 7.—Details of Sundry Minor Expenditures—Continued.

To whom Paid.	Service.	Amounts Paid.	Total.
	<i>Adulteration of Food.</i>	\$ cts.	\$ cts.
Becker Bros.....	One improved short beam analytical balance, with adjustable shelf.....		117 60
Fréchette, A.....	Translation of Adulteration of Food Report.....		9 83
Lyman, Sons & Co.....	Chemicals and apparatus for laboratory.....		705 99
Grenier, I.....	do do.....		60 31
Graham, K. D.....	do and 2 gallons of spirits for laboratory.....		17 50
Fenwick & Sclater.....	Fibre and asbestos supplied to chief analyst.....		33 85
Educational Supply Co.....	Chemicals, &c., for laboratory.....		20 66
Gerhardt, C.....	Chemicals and chemical apparatus for laboratory.....		380 82
Eimer & Amend.....	do do.....		522 29
Grenier & Friedrichs.....	Chemical apparatus for laboratory.....		66 44
McCormack, R. A.....	Chemicals, &c., for chief analyst.....		11 35
Roche, H. G.....	Plumbing, stoves, &c., for Sparks street laboratory.....		293 93
Stewart, J.....	Fee for evidence in <i>re Queen vs Bourgeau & Herron's Baking Powder case</i>		10 00
Joubert, P.....	Cab hire for Mr. McGill.....		8 00
Lafortune, F.....	Removing Mr. McGill's furniture from Victoria Chambers.....		3 50
Usborne, John.....	Two months' rent of rooms 12 and 13, Victoria Chambers.....		40 00
Hackett, Chas. A.....	Temporary clerk from 3rd of April to 30th June, '88.....		97 54
Macfarlane, A. C.....	Services in laboratory for 311 days, at 50c. per day.....		155 50
Whitehead, Mrs. J.....	Cleaning instruments, sample bottles, &c., for 327 days, at 50c. per day.....		163 50
Birkett, Thos.....	Hardware, &c.....		38 96
Lewis, W. H.....	One stove for laboratory clerk's room.....		17 00
Esmonde, J. R.....	Hardware, stove and fixtures, &c.....		347 03
Blyth & Kerr.....	Asbestos covering, &c., for chief analyst.....		117 25
Workman & Co.....	One nail drawer and hammer.....		2 25
Giasson, F.....	Carpenter's work at wood naphtha warehouse.....		30 60
Dunne, Mrs. J.....	Cleaning office and warehouse on Sparks street.....		37 50
Dunne, Mrs. S.....	Cleaning, &c. at laboratory on Sparks street.....		98 52
Harris & Campbell.....	Repairing furniture, and also to pay for lumber.....		48 60
Currier, T. W., & Co.....	Lumber.....		37 50
Eddy, E. B., Manufacturing Co.....	1,200 feet dressed pine for use in making cupboards, &c.....		48 00
Ross, C., & Co.....	35 yards lining for Sparks street laboratory.....		4 25
Butterworth & Co.....	Coal for Sparks street warehouse, and putting up pipes &c.....		27 47
Shaw & Co.....	Jars for chief analyst and one glass shade and stand.....		18 50
Canada Atlantic Ry.....	Freight on chemicals.....		23 25
Canadian Pacific Ry.....	Freight on chemical apparatus.....		13 62
Dominion Express Co.....	Freight.....		33 25
Baillargé, F. A.....	Advertising in "L'Etudiant" <i>re adulteration of food and fertilizers</i>		14 60
Bell Telephone Co.....	Rent of telephone at Sparks street warehouse.....		20 00
Fowler, Geo.....	Petty expenses in connection with laboratory.....		78 67
Courtman, J.....	do do.....		43 68
Leprohon, J. C.....	Witness in <i>re Queen vs. Bourgeau & Herron's Baking Powder case</i>		5 00
Valade, F. X., & Co.....	Syringes for chief analyst.....		4 50
			24,594 78
	LESS—Sale of instruments, chemicals, &c.....		13 75
	Total.....		24,581 03
	Grand Total.....		27,121 41

APPENDIX B.—No. 7.—Details of Sundry Minor Expenditures—*Continued.*

To whom Paid.	Service.	Amounts Paid.	Total.
	<i>Adulteration of Food—Concluded.</i>	\$ cts.	\$ cts.
	Add—Printing	89 77	
	Stationery	99 41	189 18
	Authorized disbursements, less Superannuation		27,310 59
	Add—Balances due by officers, 30th June, 1888		0 20
	Actual disbursements, agreeing with Statement No. 16, page 27		27,310 79

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX B. — *Continued.*

No 8.—DETAILS of Departmental Expenditure for the Year ended 30th June, 1888.

Name.	Rank.	Period.	Deducted for Superannuation	Amounts Paid.	Total.
			\$ cts.	\$ cts.	\$ cts.
Costigan, Hon. J. A.	Minister.....	For the year.....		7,000 00	
Miall, E.	Commissioner.....	do	64 00	3,136 00	
Gerald, W. J.	Assistant Commissioner and In- spector of Tobacco Factories...	do	50 00	2,450 00	
Robins, P. M.	Chief Accountant.....	do	46 50	2,278 50	
Hinsworth, W.	Secretary.....	do	39 00	1,911 00	
Measam, F.	Statistical Clerk (Excise).....	From 1st July, to 31st Oct. 1887.....	12 00	588 00	
Heron, W. L.	do do	For the year.....	36 00	1,764 00	
Campeau, F. R. E.	Assistant Accountant.....	do	35 50	1,739 50	
Valin, J. E.	Accountant's Branch Clerk.....	do	32 00	1,568 00	
Hall, C. R.	do do	do	31 00	1,519 00	
LaMothe, H. G.	Stamps Branch Clerk	do	28 00	1,372 00	
Carter, Wm.	Shorthand Writer and Corres- pondence Branch Clerk.....	do	28 00	1,372 00	
do	Difference between his salary and that of Secretary, from 11th Nov. to 9th Feb. 1888.....	do		137 52	
Nettle, R.	Statistical Clerk (Culler's).....	do	28 00	1,372 00	
Blatch, F. K.	Clerk of Printing.....	do	28 00	1,372 00	
Teakles, B. H.	Statistical Clerk (Canals).....	do	28 00	1,372 00	
Walsh, M. F.	Clerk.....	do	27 00	1,323 00	
do	Private Secretary	do		600 00	
Lusignan, A.	Translator and Correspondence Branch Clerk.....	do	26 00	1,274 00	
Stewart, Neil	Statistical Clerk (Canals).....	do	28 00	1,372 00	
Devlin, R.	do do	do	25 00	1,225 00	
Shaw, J. F.	do (Excise).....	do	25 00	1,225 00	
do	Extra services during absence of other clerks.....	do		100 00	
Chubbuck, C. E.	Hydraulic Rents and Adultera- tion of Food Clerk.....	do	25 00	1,225 00	
Doyon, J. A.	Accountant's Branch Clerk.....	do	25 00	1,225 00	
Brunel, J.	Weights and Measures Branch Clerk.....	do	24 00	1,176 00	
Brown, J. F.	Accountant's Branch Clerk.....	do	20 00	980 00	
Byrnes, J.	do do	do	22 00	1,078 00	
Brunel, Geo.	do do	do	19 00	931 00	
Quain, R.	do do	do	17 00	833 00	
Fowler, Geo.	Stamps Branch Clerk.....	.....	6 25	493 75	
Archambault, R.	Messenger.....	.....	6 25	493 75	
Courtman, J.	do .....	.....	4 87	385 13	
McCulloch, A.	do .....	.....	3 34	266 01	
			789 71		47,157 16
<i>Contingencies.</i>					
O'Hagan, J. C.	Services from 14th May to 7th July.....			93 60	
Lyons, Edward	Extra clerk, from 10th June to 31st August.....			90 76	
Gibson, Miss M. N.	10 days copying from 22nd June to 1st July; from 16th July to 6th August, and from 1st to 10th October, at \$400 per annum			46 02	
Jobin, Miss J. J.	Services from 21st to 29th July, from 1st to 20th Sept., from 10th to 16th Nov., and from 3rd to 9th Feb., 1888, at \$400 per annum.....			47 39	

APPENDIX B.—No. 8.—Detail of Departmental Expenditure—Continued

Name.	Service.	Amounts Paid.	Total.
<i>Contingencies—Continued</i>		\$ cts.	\$ cts.
Wallier, J.....	Services from 6th July to 6th August, and from 11th to 15th October, at \$400 per annum.....	38 81	
Corcoran, Miss B.....	Services as copyist, from 10th to 27th August, at \$400 per annum.....	19 72	
Burke, D.....	Services as Acting Private Secretary to Minister, from 10th August to 3rd October, at \$2 per day.....	48 00	
Smith, Miss D.....	Extra services, Canal Branch, from 21st Nov. to 2nd Dec., 16th to 26th Dec., 1887, 25th Jan. to 3rd Feb., 10th to 14th Feb., 27th Feb. to 7th March, 1888, at \$400 per annum.....	49 32	
Nolan, J.....	Copying from 6th Feb. to March, inclusive, at \$400 per annum.....	32 87	
Brampton Times.....	Subscription.....	4 50	
Colonial Standard.....	do	1 50	
Travailleur Illustré (Le) Compagnie d'Imprimerie (La).....	do	1 50	
The Paris Review.....	do	6 00	
Liberal Record.....	do	1 00	
Weekly Tribune & News	do	2 50	
Courrier Fédéral (Le).....	do	3 50	
Etendard (L').....	do	22 00	
Dominion Mechanical and Milling News.....	do	10 00	
Orillia Packet.....	Subscription.....	2 00	
The Colonist.....	do	2 00	
Daily Examiner.....	do	4 00	
Standard.....	do	5 00	
Dufferin Post.....	do	1 00	
Emigrant.....	do	5 50	
Maritime Farmer.....	do	1 00	
Union des Cantons de L'Est (L').....	do	2 00	
Times.....	do	3 00	
The Monetary Times & Trade Review.....	do	3 00	
Journal de L'Instruction Publique.....	do	2 00	
Peterboro Weekly.....	do	1 00	
The Canadian Gazette.....	do	2 00	
Journal de Québec.....	do	8 86	
Courrier de St. Hyacinthe.....	do	6 00	
The Canadian Sportsman.....	do	3 00	
Brandon Mail.....	do	4 00	
Aylmer Times.....	do	6 00	
Canada Français.....	do	2 00	
The Evening Journal.....	do	4 00	
The Canadian Manufacturer.....	do	20 00	
Patent Review.....	do	2 00	
Investigator.....	do	1 00	
Canadian Workman.....	do	3 50	
Vallée d'Ottawa (La).....	do	6 00	
Mail Printing Co.....	do	24 00	
The Gazette.....	do	20 00	
The Globe Printing Co.....	do	12 00	
Morning Chronicle.....	do	15 00	
		12 00	

APPENDIX B.—No. 8.—Details of Departmental Expenditure.—Continued.

Name.	Service.	Amounts Paid.	Total.
<i>Contingencies.—Continued.</i>		\$ cts.	\$ cts.
The Call Printing Co.	Subscription	20 00	
Scientific American.....	do	7 00	
York Herald.....	do	5 00	
Casket.....	do	2 00	
Citizen.....	do	24 00	
Patrie (La).....	do	3 00	
Quotidien.....	do	5 00	
Daily Courier.....	do	12 00	
Canada (Le).....	do	20 00	
Daily Times.....	do	6 00	
Daily News.....	do	4 00	
Catholic Record.....	do	2 00	
Toronto World.....	do	12 00	
Monde (Le).....	do	6 00	
American Gas Light			
Journal.....	do	3 00	
Daily Telegram.....	do	4 00	
Brockville Times.....	do	4 00	
The Shareholder.....	do	2 00	
The Richmond Guardian	do	2 00	
Daily News.....	do	6 00	
The National.....	do	2 00	
Presbyterian Witness...	do	2 00	
The Advertiser.....	do	2 25	
The Quebec Daily Mer-			
cury.....	do	4 00	
Belleville Intelligencer..	do	5 00	
The Springfield Argus...	do	1 00	
The Daily Telegram.....	do	3 00	
The Victoria Standard..	do	2 00	
Daily Herald.....	do	8 00	
Prix Courant (Le).....	do	2 00	
The Volksblatt.....	do	2 00	
The Critic.....	do	1 50	
Insurance and Finance			
Chronicle.....	do	2 00	
The Bay Pilot Weekly...	do	1 00	
Evènement (L').....	do	3 00	
Alberta Gazette.....	do	3 00	
Tribune.....	do	10 00	
Daily Telegraph.....	do	12 00	
Irish Canadian.....	do	4 00	
Bryson Equity.....	do	3 00	
Dominion Oddfellow.....	do	1 50	
Canadien (Le).....	do	12 00	
Vérité (La).....	do	2 00	
Sentinel.....	do	1 00	
Moncton Times.....	do	4 00	
Canadian Agriculturist	do	4 00	
The Colonial Standard..	do	1 50	
Réveil du Saguenay.....	do	1 00	
The Regina Leader.....	do	10 00	
Daily Herald.....	do	18 00	
Free Press.....	do	20 00	
The Saturday Budget...	do	6 00	
Grip P. & P. Co.	do	8 00	
The Thorold Post.....	do	1 90	
The North-West Review	do	4 00	

APPENDIX B.—No. 8.—Details of Departmental Expenditure *Continued.*

Name.	Service.	Amounts Paid.	Total.
<i>Contingencies—Continued.</i>		\$ cts.	\$ cts.
Canada Health Journal.	Subscription	8 00	
The Muskoka Herald.....	do	2 50	
Courrier du Canada	do	12 00	
Lyre D'or (La)	do	4 00	
Artisan (L')	do	3 00	
Daily Witness	do	3 00	
The Union Standard	do	1 00	
Journal des Trois Ri- vières	do	4 00	
Advocate	do	0 75	
Saturday Night.....	do	2 00	
North Sydney Herald.....	do	4 00	
The Yarmouth Times	do	6 00	
The Manitoba Sun	do	10 00	
Tribune	do	2 00	
Weekly Record	do	1 00	
Presse (La)	do	12 00	
West Elgin Mercury	do	3 00	
The Morning Herald	do	6 00	
Courrier de Fraserville (Le)	do	1 00	
Legal News.....	do	4 00	
Nouvelles Soirées Canadiennes (Les)...	do	4 00	
Modes Françaises (Lcs)	do	2 50	
Dublin Freeman.....	do	3 00	
Weekly Despatch.....	do	4 50	
Canadian Trade Review	do	6 00	
Canadian Magazine of Sciences and the In- dustrial Arts and P. R.	do	2 50	
Windsor Review.....	do	1 50	
Etudiant (L').....	do	2 00	
Weekly Herald.....	do	2 00	
Colchester Sun.....	do	2 00	
Catholic Weekly Review	do	2 00	
McFarland, Thos.....	do	6 09	
Durie & Son.....	do	53 50	
The Canadian Subscrip- tion Co.....	Vol. 12, Encyclopædia Dictionary	4 00	
North Ridgway, Eng....	Magazines, &c., for year.....	56 94	
Duggan, H.....	Delivering night mail at Ministers and Commis- sioner's residence.....	50 00	
Gouin, J. A.....	Postage for the year.....	236 48	
Canada Mutual Tel. Co.	Telegraphing for the year.....	23 32	
The G. N. W. Tel. Co....	do do	580 84	
C. P. R. Tel. Co.....	do do	283 91	
Bell Telephone Co.....	Telephone do	35 65	
Govt. Stationery Office.	Stationery do	1,064 95	
do	Books do	704 28	
Queen's Printer.....	Printing, &c. do	552 99	
Costigan, Hon. J.....	Travelling expenses.....	450 00	
Himsworth, Wm.....	do	35 00	
Burke, D.....	do while acting private secre- tary	129 85	
Robins, P. M.....	do	91 85	
Miall, E.....	do	361 15	
Shaw, J. F.....	do	82 10	

APPENDIX B.—No. 8.—Details of Departmental Expenditure—*Continued.*

Name.	Service.	Amounts Paid.	Total.
<i>Contingencies—Concluded.</i>		\$ cts.	\$ cts.
Gerald, W. J.....	Travelling expenses to Washington.....	120 60	
Ricard, G.....	Cab-hire for Minister.....	178 50	
Gratton, G.....	do	53 75	
Esmonde, J. R.....	2 tin boxes for Minister's rooms.....	8 00	
Leslie, John.....	Repairing calender clock.....	2 00	
Cox, M. E.....	Towelling and making of towels.....	15 12	
Mrs. Keegan.....	Washing towels.....	55 00	
Shaw, C. S.....	Tumblers, &c., for Department.....	4 05	
Young, W. G.....	Repairing clock.....	1 00	
Holland Bros.....	Repairing type-writer.....	1 00	
Mrs. Whitehead.....	Washing, &c.....	1 13	
Brennan, H. H.....	Soap and whisks.....	7 50	
Canadian Express Co.....	Express Charges.....	158 79	
Dominion do	do	83 91	
Canada Atlantic Ry.....	Freight.....	5 81	
Canadian Pacific Ry.....	do	13 28	
Donavan, John.....	Cartage for the year.....	113 55	
Fowler, George.....	Sundry petty expenses.....	32 74	
do	Cartage and cab-hire.....	58 75	
Courtman, John.....	Sundry petty expenses.....	25 53	
do	Cartage and cab-hire.....	43 80	
Total Departmental Contingencies.....			6,928 44
Authorized disbursements (less superannuation).....			54,085 60
Add—Balance due 30th June, 1888.....			16 66
			54,102 26
Less—Balance due 1st July 1887.....			16 66
Grand total amount agreeing with Statement No. 21, page 45.....			54,085 60

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX B—Continued.

No. 9.—DETAILS of Weights and Measures Expenditure, for the Year ended 30th June, 1888.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total.
	<i>Belleville.</i>	\$ cts.	\$ cts.	\$ cts
Johnson, Wm.....	Salary as Inspector for the year.....	19 96	980 04	
Slattery, Thos.	do Assistant Inspector for the year.	12 00	588 00	
Irwin, Samuel	do do do ...	6 32	493 68	
	Salaries	38 28	2,061 72	
	Contingencies		1,088 16	3,149 88
	<i>Hamilton.</i>			
McKenzie, T. H.....	Salary as Inspector for the year.....	25 96	1,274 04	
McDonnell, W. J.....	do Assistant Inspector from 1st July 1887, to 31st March, 1888.....	11 97	587 97	
McDonald, John.	do Assistant Inspector for the year.	16 04	783 96	
Beattie, Thos.	do do do ...	12 00	588 00	
Black, C. E. S.....	do do do ...	12 00	588 00	
Park, J. D.....	do do do ...	12 00	563 38	
	Salaries	89 97	4,385 35	
	Contingencies		981 99	5,367 34
	<i>Kingston.</i>			
McDonald, J. A.....	Salary as Inspector for the year.....	19 96	980 04	
Giffin, Wm	do Assistant Inspector for the year	12 00	588 00	
Whitaker, Wm.....	do do do ...	6 32	493 68	
	Salaries	38 28	2,061 72	
	Contingencies		807 33	2,869 05
	<i>London.</i>			
Egan, Jas	Salary as Inspector for the year.....	24 00	1,176 00	
Coughlin, D.....	do Mechanical Assistant, from 8th Aug., 1887, to 30th June, 1888.	10 77	527 93	
Thomas, J. S.....	do Mechanical Assistant, from 1st February to 30th June, 1888 ...	5 00	245 00	
	Salaries	39 77	1,948 93	
	Contingencies		1,211 54	3,160 47
	<i>Orillia.</i>			
Bolster, Geo. I.....	Salary as Inspector for the year.....	19 96	980 04	
Lyons, John.....	do Assistant Inspector for the year	13 96	686 04	
	Salaries	33 92	1,666 08	
	Contingencies		696 27	2,362 35

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure, for the Year ended 30th June, 1888 — *Continued.*

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total.
	<i>Ottawa.</i>	\$ cts.	\$ cts.	\$ cts.
Code, A.....	Salary as Inspector for the year.....	24 00	1,176 00	
Gorman, M.....	do Assistant Inspector for the year.....	12 00	588 00	
Cosgrove, John.....	do do do	12 00	588 00	
Lynch, P.....	do do do	6 32	493 68	
	Salaries	54 32	2,845 68	
	Contingencies		995 89	3,841 57
	<i>Toronto.</i>			
Piper, H.....	Salary as Inspector for the year.....	24 00	1,176 00	
Kinnee, D.....	do Assistant Inspector for the year.....	13 96	686 04	
Wright, R.....	do do do	13 04	636 96	
Milligan, R. J.....	do do do	13 04	636 96	
	Salaries	64 04	3,135 96	
	Contingencies		789 55	3,925 51
	<i>Windsor.</i>			
Hayward, W. J.....	Salary as Inspector for the year.....	19 96	980 04	
Marentette, A.....	do Assistant Inspector for the year.....	12 00	588 00	
	Salaries	31 96	1,568 04	
	Contingencies.....		1,024 83	2,592 87
	<i>Montreal.</i>			
Chalut, J. O.....	Salary as Inspector for the year	28 04	1,371 96	
Urquhart, Jas.....	do Assistant Inspector for the year.....	16 04	783 96	
Daoust, J. A.....	do do do	16 04	783 96	
Dorion, G. T.....	do do do	15 00	735 00	
Dillon, S.....	do do do	12 00	588 00	
Desrivières, F. L.....	do do do	6 32	493 68	
	Salaries	93 44	4,756 56	
	Contingencies		699 02	5,455 58
	<i>Quebec.</i>			
Bourassa, P. E.....	Salary as Inspector for the year.....	31 32	1,877 03	
Adams, W. C.....	do Assistant Inspector for the year.....	6 32	493 68	
Chabot, F. X.....	do do do	6 32	493 68	
Kelly, M. J.....	do do do	6 32	493 68	
Simard, H.....	do do do	6 32	493 68	
Petit, J. B.....	do do do	4 40	345 60	
Moreau, Alfred.....	do Caretaker do		150 00	
	Salaries	61 00	3,347 55	
	Contingencies		1,548 21	4,895 56

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure, for the Year ended 30th June, 1888—*Continued.*

To whom Paid.	Service.	Deducted for Superannuation	Amounts Paid.	Total.
	<i>Sherbrooke.</i>	\$ cts.	\$ cts.	\$ cts.
Clark, E.	Salary as Inspector for the year.....	19 96	980 04	
Richard, J. U.	do Assistant Inspector for the year	12 00	588 00	
Baker, J. S.	do do from 1st Dec. 1887, to 30th June, 1888	7 00	343 00	
	Salaries	38 96	1,911 04	
	Contingencies.....		487 47	2,398 51
	<i>Three Rivers.</i>			
Olivier, J. A.	Salary as Inspector for the year.....	19 96	980 04	
Prévost, J. J.	do Assistant Inspector for the year	13 96	686 04	
Kittson, R. H.	do do from 1st to 31st October, 1887.....	2 08	164 56	
	Salaries	36 00	1,830 64	
	Contingencies		317 55	2,148 19
	<i>Fredericton.</i>			
Freeze, E. C.	Salary as Inspector for the year.....	19 96	980 04	
Bois, Geo. A.	do Assistant Inspector for the year	12 00	588 00	
	Salaries	31 96	1,568 04	
	Contingencies		242 20	1,810 24
	<i>King's.</i>			
Scovil, W. B.	Salary as Inspector for the year.....	16 04	783 96	
Richard, D.	do Assistant Inspector for the year	6 32	493 68	
	Salaries	22 36	1,277 64	
	Contingencies		342 18	1,619 82
	<i>St. John.</i>			
Wilmot, J. B.	Salary as Inspector for the year.....	24 00	1,176 00	
Cowan, E.	do Assistant Inspector for the year	12 00	588 00	
	Salaries	36 00	1,764 00	
	Contingencies		180 86	1,944 86
	<i>Cape Breton.</i>			
Tremaine, L. E.	Salary as Inspector for the year.....	16 04	783 96	
	Contingencies		93 45	877 41
	<i>Half x</i>			
King, R. M.	Salary as Inspector, from 1st July to 31st August, 1887.....	4 00	196 00	
Ryan, J. B.	Salary as Inspector, from 1st September, 1887, to 30th June, 1888.....	16 60	816 70	
	Salaries	20 60	1,012 70	
	Contingencies		532 91	1,545 61

APPENDIX B.—No. 9.—Details of Weights and Measures Expenditure, for the Year ended 30th June, 1888—Continued.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total.
		\$ cts.	\$ cts.	\$ cts.
<i>Pictou.</i>				
McKay, J.....	Salary as Inspector for the year.....	18 00	832 00	
Ryan, J. B.....	do Assistant Inspector, from 1st July to 31st August, 1887.....	1 04	82 28	
	Salaries	19 04	964 28	
	Contingencies.....		110 78	1,075 06
<i>Farmouth.</i>				
Allison, Charles.....	Salary as Inspector for the year.....	19 96	980 04	
	Contingencies.....		168 28	1,148 32
<i>Charlottetown.</i>				
Reddin, Jas.....	Salary as Inspector for the year.....	19 96	980 04	
	Contingencies.....		308 05	1,288 09
<i>Winnipeg.</i>				
Huggard, R. T.....	Salary as Inspector for the year.....	19 96	1,180 04	
Cowley, W.....	do Assistant Inspector for the year...	12 00	828 00	
Ross, H. E.....	do do do do	12 00	588 00	
Costello, J. W.....	do do do do	6 32	493 68	
Girdlestone, R. J. M.....	do do do do	4 04	195 96	
Davies, A. E.....	Salary as Assistant Inspector, from 1st July to 30th September, 1887.....	1 56	123 42	
	Salaries	55 88	3,409 10	
	Contingencies.....		492 00	3,901 10
<i>Victoria.</i>				
Jones, R.....	Salary as Inspector for the year.....	12 00	588 00	
Horne, A. H.....	do Assistant Inspector for the year...	4 40	345 60	
	Salaries	16 40	933 60	
	Contingencies.....		317 75	1,251 35
District Inspectors.....	Ontario Contingencies		40 00	
do	Nova Scotia do		138 05	
do	Manitoba do		262 30	440 35
<i>General Contingencies</i>				
Miall, E.....	Salary as Commissioner of Standards for the year.....	16 00	784 00	
Johnstone, W. J.....	Salary as Chief Inspector of Standards for the year.....	40 04	1,959 96	
do	Travelling expenses.....	56 04		2,743 96
				690 95

APPENDIX B—No. 9.—Details of Weights and Measures Expenditure, for the Year ended 30th June, 1888—*Concluded.*

To whom Paid.	Service.	Amounts Paid.	Total.
<i>General Contingencies—Concluded.</i>		\$ cts.	\$ cts.
Hunter, Rose & Co.....	Advertising Weights and Measures Regulations in Dominion Annual Register for 1885.....	200 00	
Fowler, Geo.....	Petty expenses.....	13 74	
Birkett, Thos.....	Hardware, &c.....	35 36	
Dunn, E. H.....	366 days as Mechanical Assistant, at \$2 per day....	732 00	
Morgan, H. J.....	Advertising in Dominion Annual Register.....	200 00	
Burgess, Thos.....	Services as carpenter for 251 days, at \$2 per day....	502 00	
Fr�chet, Achille.....	Translations, &c., of instruction to Inspectors of Weights and Measures.....	9 50	
B. A. Bank Note Co.....	Account for stamps.....	38 00	
May, Geo., & Sons.....	Four sides of leather.....	14 13	
Foster, Jas.....	To pay for micrometer chain test.....	300 00	
Harris & Campbell.....	Repairing furniture, &c.....	48 50	
Currier, T. W.....	Lumber, &c.....	36 72	
Bozbridge, S. & H.....	13 set kit straps, at \$1.15 each.....	14 95	
Diamond, Jeffers.....	To pay law costs in prosecution of F. Joyant.....	15 00	
Burrow, Stewart & Milne	Nickel plating one kit of Inspector's scales, &c.....	18 00	
Toronto Printing Co.....	Advertising notice <i>re</i> Standard Gallon, in Irish Canadian.....	13 20	
Spectator Printing Co...	Advertising notice <i>re</i> Standard Gallon.....	6 60	
Times Printing Co.....	do do.....	7 70	
Trayes, J. B.....	do do in Port Hope		
	Times.....	3 52	
Gallagher, W. J.....	Advertising notice <i>re</i> Vendors of Varnish.....	3 52	
Empire Printing and Publishing Co.....	Advertising <i>re</i> Standard Branch.....	50 00	
Haldane, M. T.....	Advertising notice <i>re</i> Standard Gallon, in Aylmer Tmes.....	4 18	
	Total.....		2,266 62
	Less—Sale of old iron.....		1 80
			2,264 82
	Grand Total.....		64,768 82
	ADD—Printing.....	958 93	
	Stationery.....	784 75	
	Lithographing.....	24 00	
			1,767 68
	Authorized Disbursements (less Superannuation)....		66,536 50
	ADD—Balances due by Officers, 30th June, 1888.....		193 26
			66,729 76
	LESS—Balances due by Officers, 1st July, 1887.....	246 11	
	do to Officers, 30th June, 1888.....	19 10	
			265 21
	Actual Disbursements agreeing with Statements 25 A and 25 B, pages 53 and 54.....		66,464 55

E. MIALL,

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

Commissioner.

APPENDIX B.—Continued.

No. 10.—DETAILS of Gas Inspection Expenditure, for the Year ended 30th June, 1888.

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total.
		\$ cts.	\$ cts.	\$ cts.
	<i>Belleville</i>			
Johnson, Wm.....	Salary as Inspector for the year.....	3 00	147 00	242 60
	Contingencies		95 60	
	<i>Brockville</i>			
Hubertus, H. J.....	Contingencies		49 78	49 78
	<i>Cobourg</i>			
Cabill, T.....	Salary as Inspector for the year.....	1 76	89 88	163 18
	Contingencies		73 30	
	<i>Cornwall</i>			
Burrows, Wm.....	Contingencies		212 60	212 60
	<i>Deseronto</i>			
Johnson, Wm.	Salary as Inspector for 1st Jan. to 30th June, 1888	0 96	49 02	49 02
	<i>Hamilton</i>			
McPhie, D.....	Salary as Inspector for the year	19 96	950 04	1,251 74
	Contingencies		271 70	
	<i>Kingston</i>			
Burrows, Wm.....	Salary as Inspector for the year	7 96	392 04	400 39
	Contingencies		98 35	
	<i>Lindsay</i>			
Cabill, T.....	Salary as Inspector for the year	1 60	81 72	143 97
	Contingencies		62 25	
	<i>London</i>			
Williams, J.....	Salary as Inspector for the year.....	19 96	980 04	1,492 29
	Contingencies		512 25	
	<i>Ottawa</i>			
Hubertus, H. J.....	Salary as Inspector for the year.....	13 96	686 04	1,048 62
	Contingencies		362 58	

APPENDIX B.—No. 10.—Details of Gas Inspection Expenditure, for the
Year ended 30th June, 1888—*Continued.*

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total.
		\$ cts.	\$ cts.	\$ cts.
<i>Peterborough.</i>				
Cahill, T.....	Salary as Inspector for the year	2 60	130 68	133 43
	Contingencies		2 75	
<i>Port Hope.</i>				
Cahill, T.....	Salary as Inspector for the year	1 76	89 88	116 73
	Contingencies		26 85	
<i>Toronto.</i>				
Sutherland, Geo.	Salary as Inspector from 1st July, 1887, to 31st January, 1888.....	14 00	686 00	1,451 90
Johnstone, J. K.....	Salary as Assistant Inspector from 25th July, 1887, to 31st January, 1888.....	3 36	266 40	
do	Salary as Inspector from 1st February to 30th June, 1888.....	8 30	408 35	
	Salaries	25 66	1,300 75	
	Contingencies		91 15	
<i>Montreal.</i>				
Aubin, N.....	Salary as Inspector for the year.....	28 04	1,371 96	2,121 51
	Contingencies		749 55	
<i>Quebec.</i>				
LeVasseur, N.....	Salary as Inspector for the year.....	19 96	980 04	1,547 61
Moreau, Alfred.....	do Caretaker do		150 00	
	Salaries	19 96	1,130 04	
	Contingencies		417 57	
<i>Sherbrooke.</i>				
Pennyoy, H. J.....	Contingencies		186 12	186 12
<i>Three Rivers.</i>				
Marchand, N.....	Salary as Inspector for the year.....	2 48	197 52	199 02
	Contingencies		1 40	
<i>Chatham.</i>				
Lawlor, R. A.....	Salary as Inspector for the year.....	3 00	147 00	200 90
	Contingencies		53 90	
<i>Fredericton.</i>				
Purdie, S. A.....	Salary as Inspector for the year.....	2 48	197 52	205 17
	Contingencies		7 65	

APPENDIX B.—No. 10.—Details of Gas Inspection Expenditure, for the Year ended 30th June, 1888—*Continued.*

To whom Paid.	Service.	Deducted for Superannuation.	Amounts Paid.	Total.
		\$ cts.	\$ cts.	\$ cts.
	<i>Moncton.</i>			
Lawlor, R. A.....	Salary as Inspector for the year.....	3 00	147 00	
	Contingencies		97 59	244 59
	<i>St. John.</i>			
Rowan, A.	Salary as Inspector for the year.....	19 96	980 04	
	Contingencies		48 37	1,028 41
	<i>Halifax.</i>			
Miller, A.	Salary as Inspector for the year.....	24 00	1,176 00	
Munro, H. D.....	do Assistant Inspector for the year.....	1 96	98 04	
	Salaries	25 96	1,274 04	
	Contingencies		868 54	2,142 58
	<i>Charlottetown.</i>			
Knight, Jos.....	Salary as Inspector for the year.....	2 48	197 52	
	Contingencies		83 44	280 96
	<i>Winnipeg.</i>			
Huggard, R. T.....	Salary as Inspector for the year	4 04	235 96	
	Contingencies		154 00	389 96
	<i>Victoria.</i>			
Jones, R.....	Salary as Inspector for the year.....	4 04	195 96	
	Contingencies		213 00	408 96
Aubin, N.....	Salary as Consulting Inspector for the year.....	12 00	588 00	
	Contingencies		756 39	1,344 39
District Inspector.....	Ontario contingencies.....			14 00
	Total.....			17,160 43
	<i>General Contingencies.</i>			
Aubin, N.....	Payment for right of using in perpetuity an improved photometer invented by him		1,000 00	
do	One platform for room		4 50	1,004 50
American Meter Co.....	Three test meters, &c			81 25
Beauvais, Ed	Freight and commission on three test meters.....		2 35	
do	Freight on two crates containing one meter prover.....		6 18	8 53
Lyman, Sons & Co.....	Rubber tubing for laboratory		1 50	
do	Appliances for gas equipment		46 20	47 70
B. A. B. Note Co.....	Account for stamps			0 48
Lavigne, Azarie	Woodwork of four photometers and packing boxes.....			92 00

APPENDIX B—No. 10.—Details of Gas Inspection Expenditure, for the
Year ended 30th June, 1888—*Concluded.*

Name.	Services.	Amounts Paid.	Total.
<i>Contingencies—Concluded.</i>		\$ cts.	\$ cts.
Harris, Griffin & Co.....	To pay for one meter prover and commission.....	441 10	
do	do two do do	440 55	
do	do four weight boxes for meter provers and commission.....	25 73	
Johnstone, J. K	Plumbing, painting, &c.....		907 38
McPhie, D.....	Gas Inspector, equipment of London office.....	322 27	425 67
do	Equipment of Ottawa, London and Hamilton offices.....	38 09	
Hubertus, H. J.....	Expenses in connection with equipment of Ottawa office.....		360 36
Less—Sale of old material.....			136 45
Total, General Contingencies.....			3,064 32
Grand Total			3 50
Add—Printing		277 17	20,221 25
Stationery		64 94	
Lithographing		105 60	
Authorized Disbursements (less Superannuation).....			447 11
Add—Balances due by Inspectors, 30th June, 1888.....			20,668 36
Less—Balances due by Inspectors, 1st July, 1887.....			12 88
Actual Disbursements, agreeing with Statement No. 26, page 57.....			20,681 24
			12 88
			20,668 36

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

E. MIALL,
Commissioner.

APPENDIX B.—Continued.

No. 11.—LIST of Persons employed by the Inland Revenue Department on Salary, during the Year ended 30th June, 1888.

NAME.	SERVICES.								
	Inside.	Excise.	Canals.	Slides.	Culler's Office.	Weights and Measures.	Gas.	Preventive.	Adulteration of Food.
Adams, J. S.....		1							
Adams, Wm. C.....						1			
Alexander, Thos.....		1							
Allison, Chas.....						1			
Amor, Wm.....		1							
Arabill, John.....			1						
Archambault, R.....	1								
Atherton, R.....		1					1		
Aubin, N.....							1		
Baby, J. C.....		1							
Baby, Jos.....		1							
Baby, W. A. D.....		1							
Bannerman, Wm.....		1							
Barber, J. S.....		1							
Barker, C.....		1							
Barrett, J. K.....		1							
Barrett, John.....			1						
Barrett, Thos. J.....		1							
Battle, M.....		1							
Battle, T.....			1						
Beasley, R.....		1							
Beattie, Thos.....						1			
Beauchamp, J. P.....		1							
Bédard, W. G.....		1							
Belland, J. E.....					1				
Bellefleur, R.....		1							
Bellefleur, Chas.....					1				
Belyea, T. H.....		1							
Bennett, Jas.....		1							
Bish, Philip.....		1							
Black, C. E. S.....						1			
Blair, J. B.....		1							
Blatch, F. K.....	1								
Blethen, C. W.....		1							
Boggs, G. W.....						1			
Bois, G. A.....						1			
Boivin, C. A.....		1							
Bolster, G. I.....						1			
Boomer, J. B.....		1							
Borradale, R.....		1							
Bourassa, G.....		1							
Bourassa, P. E.....						1			
Bourget, O.....		1							
Bouteiller, G. A.....		1							
Brennan, John.....		1							
Broadfoot, S.....		1							
Brougham, M. E.....		1							
Brown, J. F.....	1								
Brown, J. J.....		1							
Browne, G. W.....		1							
Brunel, G.....	1								
Brunel, J.....	1								
Bulmer, Wm.....		1							
Burke, T.....		1							
Burrows, Wm.....							1		
Bussières, F.....			1						

APPENDIX B.—No. 11.—LIST of Persons employed by the Inland Revenue Department, &c.—Continued.

NAME.	SERVICES.								
	Inside.	Excise.	Canals.	Slides.	Culler's Office.	Weights and Measures.	Gas.	Preventive.	Adulteration of Food.
Byrne, John	1								
Cahill, J. H.		1							
Cahill, T.							1		
Cameron, D. M.		1							
Campbell, G. J.		1							
Campbell, J. McD.		1							
Campbell, Thos.			1						
Campeau, F. R. E.	1								
Camyré, J. N.		1							
Carroll, D.		1							
Carter, Wm.	1								
Carver, G. W.		1							
Casey, Thos.	1								
Caven, A.		1							
Caven, W.		1							
Chabot, F. X.						1			
Chalouet, H. J.				1					
Chalut, J. O.						1			
Christie, W. J.		1							
Chubbuck, C. E. D.	1								
Clark, A. F.		1							
Clark, E.						1			
Clark, W. B.			1						
Code, A.						1			
Code, Abraham.		1							
Coleman, Chas.		1							
Coleman, J. J.		1							
Coles, F. H.		1							
Collier, H. H.			1						
Conway, B. J.		1							
Cosgrove, J. J.								1	
Costello, J. W.						1			
Costigan, H. A.		1							
Costigan, J. J.		1							
Coulter, Robt.			1						
Courtman, John	1								
Courtney, J. J.		1							
Cowan, Edgar.						1			
Coyle, Jas.		1							
Craig, J.		1							
Crawford, W. P.		1							
Crevier, William			1						
Crotty, John.		1							
Crowe, W.		1							
Cullen, P.		1							
Danis, A. D.			1						
Daoust, J. A.						1			
Darby, John.				1					
Daveluy, George.					1				
Davis, A. E.						1			
Davis, John.		1							
Davis, T. G.		1							
Dawson, W.		1							
Deane, Jos.			1						
De Martigny, C. R.					1				
Desaulniers, Eugène.					1				
Deschamps, J. B.			1						
Deserres, G.					1				
Des Rivières, F. L.						1			

APPENDIX B.—No. 11.—LIST of Persons employed by the Inland Revenue Department, &c.—Continued.

NAME.	SERVICE.								
	Inside.	Excise.	Canals.	Slides.	Customs Office.	Weights and Measures.	Gas.	Preventive.	Adulteration of Food.
Desroches, David.....		1							
Devine, J. J.....		1							
Devlin, R.....	1								
Dibblee, Wm.....		1							
Dick, J. W.....		1							
Dickson, C. T.....		1							
Dillon, S.....						1			
Dingman, N J.....		1							
Dodd, John.....		1							
Dodds, E. W.....		1							
Donaghy, Wm.....		1							
Donoghue, Geo.....					1				
Dorion, G. T.....						1			
Doyon, J. A.....	1								
Dudley, W. H.....		1							
Duguay, Joseph.....		1							
Dumbrille, R. N.....		1							
Dumouchel, Léandre.....		1							
Dumoulin, Sévère.....				1					
Dunlop, C.....		1							
Duplessis, C. Z.....		1							
Durocher, Chas.....			1						
Dustan, Wm. M.....		1							
Earle, R. H.....		1							
Egan, Jas.....						1			
Egener, A.....		1							
Elwood, G. V.....		1							
Erb, A. A.....		1							
Evans, G. T.....		1							
Fahy, Ed.....			1						
Falconer, Jas.....		1							
Farley, J. F.....			1						
Ferguson, J.....		1							
Flynn, D.....		1							
Flynn, G. P.....		1							
Fournier, J. A.....			1						
Fowler, Geo.....	1								
Fox, Thomas.....		1							
Fraser, John.....		1							
Freeze, E. C.....						1			
Galbraith, T. J.....			1						
Gallagher, F.....					1				
Gerald, C.....		1							
Gerald, W. H.....		1							
Gerald, W. J.....	1	1							
Giffin, Wm. W.....						1			
Gill, Wm.....		1							
Girard, Irénée.....		1							
Girdlestone, R. J. M.....		1							
Godson, H.....		1							
Goodman, A. W.....			1						
Gorman, M.....						1			
Goron, D.....		1							
Gosnell, T. S.....		1							
Gow, James.....		1							
Gowen, Edmund.....					1				
Graham, W. J.....		1							
Grant, H. H.....		1							
Greay, S.....		1							

APPENDIX B.—No. 11.—LIST of Persons employed by the Inland Revenue Department, &c.—Continued.

NAME.	SERVICE.								
	Inside.	Excise.	Canals.	Slides.	Culler's Office.	Weights and Measures.	Gas.	Preventive.	Adulteration of food.
Grimason, Thos.		1							
Grogan, S E					1				
Hagerty, P		1							
Hall, C. R.	1								
Hall, J. J.		1							
Hamilton, T. C.		1							
Hamilton, W. L.		1							
Hanley, A.		1							
Harney, Thos.				1	1				
Hart, P. D.		1							
Harwood, R. U.		1							
Hastie, Wm.		1							
Haun, S. R.			1						
Hawkins, W. L.		1							
Hayward, W. J.						1			
Hébert, C. D.		1							
Helliwell, H. N.		1							
Henderson, W.		1							
Henry, J. J.		1							
Henry, J. M. B.		1							
Henwood, Geo.		1							
Heron, W. L.	1								
Hesson, C. A.		1							
Hicks, W. H.		1							
Hill, A. M.		1							
Himsworth, Wm.	1								
Hobbs, G. N.		1							
Horn, A. H.						1			
Howie, A.		1							
Hubertus, H. J.							1		
Hudon, A.		1							
Huggard, R. T.						1			
Iler, B.		1							
Ironside, G. A.		1							
Jack, Wm.		1							
Jackson, John.				1					
James, T. C.		1							
Jamieson, R. C.		1							
Johnston, G. E.		1							
Johnston, Wm.						1	1		
Johnstone, W. J.						1			
Jones, Richard.		1				1	1		
Jubenville, G. P.		1							
Kavanagh, W. M.			1						
Keilty, Thos.		1							
Kellock, D.		1							
Kelly, M. J.						1			
Kennedy, J. D.		1							
Kenning, J. H.		1							
Keogh, P. M.		1							
Kinnee, Daniel.						1			
Knight, Jos.							1		
Knowlson, J. B.		1							
Lafontaine, A.		1							
LaMothe, H. G.	1								
Lane, John.					1				
Lang, V.		1							
Langlois (dit Traversy), F. X.		1							
Laporte, Geo.		1							

APPENDIX B.—No. 11.—LIST of Persons employed by the Inland Revenue Department, &c.—Continued.

NAME.	SERVICE.								
	Inside.	Excise.	Canals.	Slites.	Culler's Office.	Weights and Measures.	Gas.	Preventive.	Adulteration of Food.
Larose, S. C.....				1					
LaRue, Geo.....		1							
Lawlor, H.....		1							
Lawlor, R. A.....		1							
Leboeuf, Jules.....			1						
Lecompte, S.....					1				
Lecours, H. T.....		1							
Lee, Edward.....		1							
Lefebvre, F. X.....									1
Lefebvre, H.....			1						
Leggett, J. E.....			1						
LeMoine, Jules.....		1							
LeMoine, J. M.....		1							
Lépine, Louis.....		1							
Leprohon, R. M.....		1							
Lett, F. P. A.....		1							
LeVasseur, N.....							1		
LeVasseur, Z.....					1				
Logan, John.....		1							
Lusignan, A.....	1								
Lynch, P.....						1			
Lynes, K.....		1							
Lyons, John.....						1			
MacDonald, D.....		1							
MacDonald, A. D.....		1							
Macdonald, J. A.....						1			
Macdonald, J. A.....		1							
Macfarlane, Thos.....									1
MacKay, G. W.....		1							
MacNutt, C. S.....				1					
Malo, T.....		1							
Malone, Thos.....					1				
Manning, J.....		1							
Marchand, N.....							1		
Marentette, Alex.....						1			
Marshall, F.....		1							
Mason, F.....		1							
Mason, Jas.....		1							
Miall, E.....	1					1			
Miller, A.....							1		
Miller, H. J.....				1					
Miller, J. E.....		1							
Miller, P.....				1					
Miller, W. F.....		1							
Millier, E.....		1							
Milligan, R. J.....						1			
Milliken, E.....		1							
Moore, J. N.....		1							
Moore, T.....		1							
Moore, W.....		1							
Moreau, Alf.....						1	1		
Morrow, John.....		1							
Mulhern, M. M.....		1	1						
Mulligan, James.....		1							
Munro, H. D.....		1					1		
Murphy, D.....			1						
Murphy, F.....		1							
Murray, A. E.....		1							
McAllister, A.....		1							

APPENDIX B.—No. 11.—LIST of Persons employed by the Inland Revenue Department, &c.—Continued.

NAME.	SERVICES.								
	Inside.	Excise.	Canals.	Slides.	Culler's Office.	Weights and Measures.	Gas.	Preventive.	Adulteration of Food.
McClanaghan, M		1							
McCoy, Wm		1							
McCuaig, Aug. F		1							
McDonald, J						1			
McDonald, M. A		1							
McEachern, A		1							
McFarland, D. E			1						
McKay, John						1			
McKay, J. H.		1							
McKenzie, T. H.						1			
McKimm, W. H.		1							
McMillan, R. P			1						
McNally, T			1						
McNamara, M.		1							
McPherson, A. F		1							
McPhee, Donald							1		
McSweeney, Jas		1							
Nash, S. C.		1							
Neelands, H.		1							
Nettle, R.	1								
Nichols, J. T.		1							
Olivier, J. A.						1			
O'Brien, J. F.		1							
O'Donnell, J.		1							
O'Donnell, John		1							
O'Leary, T. J.		1							
O'Neill, John			1						
Panneton, G. E.		1							
Paré, Louis			1						
Parks, J. D.						1			
Patton, Jas.					1				
Pelletier, Pierre			1						
Pennoyer, H. J.		1				1			
Perkins, L. A.		1							
Perry, G. L.		1							
Petit, J. B.						1			
Phelan, J. A.			1						
Pinsonnault, Alfred C		1							
Piper, H.						1			
Pirritte, John			1						
Pole, C. W.		1							
Polquin, F.					1				
Poupore, John					1				
Powell, J. B. D.		1							
Power, Thos. A.		1							
Pridham, Alexander			1						
Provost, J. J.						1			
Quain, Redmond	1								
Quesnel, Jules			1						
Quinn, J. D.		1							
Ramon, Pierre		1							
Reddin, James						1			
Redmond, John					1				
Regnier, P.		1							
Reid, John			1						
Rennie, George		1							
Richard, D.						1			
Richard, J. U.						1			
Richard, R.			1						

APPENDIX B.—No. 11.—LIST of Persons employed by the Inland Revenue Department, &c.—Continued.

NAME.	SERVICES.								
	Inside.	Excise.	Canals.	Slides.	Culler's Office.	Weights and Measures.	Gas.	Preventive.	Adulteration of Food.
Richey, W. M.			1						
Ritchie, James				1					
Robins, Paul M.	1								
Robson, James		1							
Rogerson, J. M.		1							
Ross, H. E.						1			
Ross S. F.		1							
Rouleau, J.		1							
Rowan, A.							1		
Rowland, E.		1							
Rowland, F.		1							
Russell, A. J. jun.				1					
Scholfield, J. S.			1						
Schram, B.								1	
Scovil, W. B.						1			
Scullion, J. W.		1							
Schanacey, M.		1							
Shaw, J. F.	1								
Simard, H.						1			
Simpson, A. F.		1							
Sinon, E. Hy.		1							
Slater, James				1					
Slattery, R.		1							
Slattery, Thos.						1			
Smith, E. T.				1					
Smith, H. A.		1							
Smyth, B. B.		1							
Spreman, J.		1							
Spence, F. H.		1							
Spence, John		1							
Standish, J. G.		1							
Steen, Jas.				1					
Stewart, Jas.		1							
Stewart, Neil	1								
Stratton, W. C.		1							
St. Louis, A.		1							
St. Louis, Jos.			1						
St. Marie, J. B. E. L.		1							
St. Marie, L. C. A.		1							
Tansy, J. P. F.		1							
Taylor, J. F.		1							
Teakle, B. H.	1								
Till, T. M.		1							
Tipton, T. L. M.			1						
Tompkins, P.		1							
Toupin, F. X. J. A.		1							
Travis, Geo.		1							
Tremaine, L. E.						1			
Urquhart, Jas.						1			
Vahu, J. E.	1								
Villeneuve, J.		1							
Vincent, J. L.		1							
Wainwright, F. G.		1							
Walsh, Daniel		1							
Walsh, M. F.	1								
Walsh, T. J.					1				
Watkins, J. A.		1							
Webster, Thos.		1							
Westman, T.		1							

APPENDIX B.—No. 11.—LIST of Persons employed by the Inland Revenue Department, &c.—*Continued.*

NAME.	SERVICES.								
	Inside.	Excise.	Canals.	Slides.	Culler's Office.	Weights and Measures.	Gas.	Preventive.	Adulteration of Food.
Weyms, C.....		1							
Whelan, W. F.....					1				
Whitaker, Wm.....						1			
Williams, J.....							1		
Wilmot, J. B.....						1			
Wilson, R.....		1							
Witton, H. B.....			1						
Woodward, G. W.....		1							
Wright, Robt. J.....						1			
Yates, J. M.....		1							
Total	28	241	42	16	17	58	17	2	2

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 26th August, 1887.

APPENDIX B.—Continued.

No. 12.—LIST of Persons employed by the Inland Revenue Department on Salary, during a portion of the Year ended 30th June, 1888.

NAME.	PERIOD.	SERVICE.						
		Inside.	Excise.	Canals.	Gas.	Preventive.	Weights and Measures.	Adulteration of food.
Allan, G. A.....	From 22nd Mar., 1888, to 30th June, 1888.		1					
Baker, Jos. S.....	do 1st Dec., 1887, to 30th June, 1888.						1	
Bogue, Jas.....	do 1st Aug., 1887, to 30th June, 1888.					1		
Cabil, John.....	do 10th Nov., 1887, to 30th June, 1888.		1					
Caven, Mc. Jas.....	do 9th July, 1887, to 30th June, 1888.		1					
Clair, Thos.....	do 1st Aug., 1887, to 30th June, 1888.					1		
Costigan, J. J.....	do 4th April, 1888, to 30th June, 1888.							1
Coughlin, D.....	do 8th Aug., 1887, to 30th June, 1888.						1	
Curliss, Chas.....	do 1st Aug., 1887, to 30th June, 1888.					1		
Dixon, H. C. J.....	do 12th Aug., 1887, to 30th June, 1888.		1					
Ferguson, Jas. G.....	do 1st Aug., 1887, to 30th June, 1888.					1		
Foran, J. K.....	do 24th Jan., 1888, to 22nd Feb., 1888.							
Fortier, C. G.....	do 1st July, 1887, to 31st Oct., 1887.		1					
Hamilton, C. M.....	do 1st July, 1887, to 29th Feb., 1888.		1					
Hammond, E.....	do 1st July, 1887, to 31st Oct., 1887.					1		
Hughes, Thos.....	do 1st July, 1887, to 31st Aug., 1887.		1					
Irwin, Robt.....	do 3rd Dec., 1887, to 30th June, 1888.		1					
Johnstone, J. K.....	do 25th July, 1887, to 30th June, 1888.				1			
Jodoin, A. P.....	do 1st July, 1887, to 29th Feb., 1888.			1				
Keeler, G. S.....	do 7th Dec., 1887, to 30th June, 1888.		1					
King, R. M.....	do 1st July, 1887, to 31st Aug., 1887.		1					
King, R. M.....	do 1st Sept., 1887, to 30th June, 1888.						1	
Kittson, W. H.....	do 1st July, 1887, to 31st Oct., 1887.						1	
Lawlor, Wm.....	do 1st Aug., 1887, to 30th June, 1888.					1		
Leighton, W. K.....	do 1st Jan., 1888, to 30th June, 1888.		1					
Lyons, Ed.....	do 1st July, 1887, to 10 h Sept., 1887.	1						
Lyons, Ed.....	do 1st Sept., 1887, to 30th June, 1888.		1					
Martel, M. D. S.....	do 5th Mar., 1888, to 30th June, 1888.			1				
Measam, F.....	do 1st July, 1887, to 31st Oct., 1887.		1					
McCullough, A.....	do 8th Aug., 1887, to 30th June, 1888.		1					
McCloskey, J. R.....	do 12th July, 1887, to 30th June, 1888.		1					
Macdonald, A. B.....	do 2nd Aug., 1887, to 30th June, 1888.		1					
McDonnell, W. J.....	do 1st July, 1887, to 31st Mar., 1888.						1	
McHugh, F. J.....	do 1st July, 1887, to 30th April, 1888.		1					
O'Hagan, J.....	do 4th July, 1887, to 7th July, 1887.	1						
Panchaud, J. B. F.....	do 1st July, 1887, to 31st Oct., 1887.					1		
Prouneau, P. C. A.....	do 1st June, 1888, to 30th June, 1888.						1	
Renaud, A.....	do 1st May, 1888, to 30th June, 1888.		1					
Ryan, J. G.....	do 1st Sept., 1887, to 30th June, 1888.						1	
Reddan, C. J.....	do 1st Nov., 1887, to 30th June, 1888.		1					
Seymour, Jas.....	do 1st July, 1887, to 31st Jan., 1888.		1					
Sullivan, L. D.....	do 10th Feb., 1888, to 30th June, 1888.		1					
Sutherland, Geo.....	do 1st July, 1887, to 31st Jan., 1888.				1			
Thomas, Jos. S.....	do 1st Feb., 1888, to 30th June, 1888.						1	
Webster, Thos.....	do 11th May, 1888, to 30th June, 1888.							1
Wilson, David.....	do 22nd Dec., 1887, to 30th June, 1888.		1					
Total.....		5	20	2	2	7	8	2

APPENDIX B.—No. 12.—LIST of Persons employed by the Inland Revenue Department on Salary, &c —*Concluded.*

RECAPITULATION.

Employed during the year, as per Statement No. 11.....	432
do a portion of the year only, as per Statement No. 12.....	46
Total.....	478
Deduct employed in the Inside and Excise Service.....	1
do do do and Weights and Measures Service.....	1
do do Excise and Canals Service.....	2
do do do Weights and Measures Service.....	1
do do do do and Gas Service.....	1
do do do Gas Service.....	2
do do Canals and do Service.....	1
do do Slides and Cullers Service.....	1
do do Weights and Measures and Gas Service.....	2
	12
Net total	466

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

APPENDIX C.

HYDRAULIC AND OTHER RENTS.

APPENDIX

DR.

HYDRAULIC and other Rents, &c.—

Balance due on 1st July, 1887.	Accrued, year-ended 30th June, 1888.	Total.	Number.	Name of Work.	Present Occupant.	Original Lessee.
\$ cts.	\$ cts.	\$ cts.				
10,971 65	397 33	11,368 98	1	Chaudière Falls.	Perley & Pattee.....	.....
1,920 00	80 00	2,000 00	2	do	do	.....
8,396 00	376 00	8,772 00	3	do	do	Thompson & Perkins..
7,523 14	294 93	7,818 07	4	do	J. R. Booth.....	Lyman Perkins.....
2,280 00	80 00	2,360 00	5	do	Thomas McKay.....	John McKay & Co.....
2,320 00	80 00	2,400 00	6	do	Mrs. Petrie.....	J. & J. Petrie.....
6,840 00	240 00	7,080 00	7	do	Blaisdell & Co.....	P. H. & L. R. Church..
.....	.....	.....	8	Victoria Island..	Levi Young.....	.....
.....	.....	.....	9	do	Philip Thompson.....	Perley & Pattee.....
2,280 00	80 00	2,360 00	10	do	N. S. Blaisdell.....	J. M. Currier.....
13,440 00	480 00	13,920 00	11	do	Bronson & Weston.....	Harris, Bronson & Co..
.....	200 00	200 00	12	do	Levi Young.....	.....
.....	104 00	104 00	13	Chaudière Island	J. R. Booth.....	.....
.....	10 00	10 00	14	do	Bronson & Weston.....	.....
.....	10 00	100 00	15	do	do	.....
.....	96 00	96 00	16	do	Perley & Pattee.....	.....
.....	8 00	8 00	17	Ottawa River.....	Mary Conroy.....	L. M. Coutlee.....
260 00	.....	260 00	18	do	D. Carmichael.....	.....
24 00	16 00	40 00	19	do	Heirs John Morrison.....	John Morrison.....
380 00	.....	380 00	20	do	John Rankin.....	.....
200 00	.....	200 00	21	do	.....	Hon. J. Skead.....
96 00	.....	96 00	22	do	.....	do
650 00	.....	650 00	23	do	John Rochester.....	.....
.....	40 00	40 00	24	do	Heirs G. Sterling.....	G. Sterling.....
1 00	1 00	2 00	25	do	Hector Pruneau.....	.....
1 00	1 00	2 00	26	do	Ottawa Canoe Club.....	.....
.....	10 00	10 00	27	do	Henry E. Mason.....	.....
.....	10 00	10 00	28	do	John Brophy.....	.....
25 00	.....	25 00	29	do	N. Tétreau.....	.....
.....	1 00	1 00	30	do	G. A. Grier & Co.....	.....
.....	10 00	10 00	1	do	Rev. A. J. Grier.....	.....
.....	1 00	1 00	32	do	Delphus Lebean.....	.....
57,607 79	2,716 26	60,324 05				
.....	3 00	3 00	1	Rideau Canal & River.....	Benjamin Tett.....	.....
.....	3 00	3 00	2	do	Thomas May.....	.....
8 00	2 00	10 00	3	do	Henry James.....	.....
41 25	8 25	49 50	4	do	Philip Kennedy.....	.....
123 75	11 25	135 00	5	do	Thomas Paget.....	.....
68 25	9 75	78 00	6	do	George Morris.....	.....
13 50	2 25	15 75	7	do	D. Cameron.....	.....
.....	3 75	3 75	8	do	George Rickey.....	.....
47 25	7 50	54 75	9	do	Daniel Delaney.....	.....

C.

Lessees' Accounts, 1887-88.

CR.

Description of Property.	Number.	Date to which the Account is made up.	Abatement Authorized.		Paid during Fiscal Year.	Balances due 30th June, 1888.		Total.	
			\$	cts.		\$	cts.	\$	cts.
Lot A, Chaudière Street, service ground.....	1								
Lots B and C do do	2	June 30, 1888				11,368 98		11,368 98	
Lot D do do	3	do				2,000 00		2,000 00	
Lots E, T and G, South Head Street.....	4	do				8,772 00		8,772 00	
Lots H, I and J, Grist mill do	5	Apr. 1, 1888				7,818 07		7,818 07	
Lot K, Fanning mill do	6	May 1, 1888				2,360 00		2,360 00	
Lot L, service ground do	7	do				2,400 00		2,400 00	
Lots Q, R and T, service ground, North Middle Street.....	8	Apr. 1, 1888				7,080 00		7,080 00	
Lots M, N, O and P, service ground. No water used.....	9								
Lot S, service ground.....	10	Apr. 1, 1888				2,360 00		2,360 00	
Lots U, V, W, X, Y and Z, service ground.....	11	do				13,920 00		13,920 00	
Two strips of land.....	12	Jan. 1, 1888		200 00				200 00	
Lumber yard, head of slides.....	13	Sept. 20, 1888		104 00				104 00	
Bridge over slides.....	14	July 1, 1888		10 00				10 00	
Strip of land (Amelia Island).....	15	Jan. 1, 1889		100 00				100 00	
Reserve head of island	16	do		96 00				96 00	
Small island, Duchêne Rapids.....	17	do				8 00		8 00	
Water lot, Calumet.....	18	June 30, 1881				260 00		260 00	
Part of Lot 9, Range 1, Chatham.....	19	Nov. 1, 1887		16 00		24 00		40 00	
East portion of Hawley's Island.....	20	June 30, 1881				380 00		380 00	
Water lots opposite Lot 30, Con. A, Nepean.....	21	Dec. 1, 1881				200 00		200 00	
Three small island do	22	May 1, 1882				96 00		96 00	
Portion of Lot 39 do	23	July 1, 1887				650 00		650 00	
Water lot foot of Major's Hill, Ottawa.....	24	Jan. 1, 1888		40 00				40 00	
do Cathcart Street do	25	May 1, 1888				2 00		2 00	
Site for boathouse, foot of Rideau Canal Locks, Ottawa.....	26	June 1, 1889		1 00		1 00		2 00	
Lot for pasture, Carillon Canal	27	June 30, 1889		10 00				10 00	
do do	28	do		10 00				10 00	
Excavated channel, slide and two dams, Little Chaudière Falls.....	29	Mar. 1, 1887				25 00		25 00	
Covering over portion of Ottawa Slides.....	30	Nov. 10, 1888		1 00				1 00	
House and grounds on Lot 8, Grenville	31	May 1, 1889		10 00				10 00	
Lots 112 and 113, St. Anne's Parish.....	32	Sept. 1, 1888				1 00		1 00	
						598 00	59,726 05	60,324 05	
Land at Isthmus, Lock Station.....	1	May 1, 1889		3 00				3 00	
Reserve in front of ½ Lot No. 23, Rideau front.....	2	Jan. 1, 1889		3 00				3 00	
Reserve in front of Sub-Lot No. 5, Con. B, Rideau front	3	do				10 00		10 00	
Reserve in front of South ½ Lot No. 6, Con. 2, Nepean.....	4	do				49 50		49 50	
Reserve in front of North ½ Lot No. 4, Con. 2, Nepean.....	5	do				135 00		135 00	
Reserve in front of South ½ Lot No. 5, Con. 2, Nepean.....	6	do		39 00		39 00		78 00	
Reserve in front of North ½ Lot No. 22, Gloucester.....	7	do				15 75		15 75	
Reserve in front of Lot No. 1, Con. 2, Nepean.....	8	do		3 75				3 75	
Reserve in front of South ½ Lot No. 8, Con. 2, Nepean.....	9	Dec. 1, 1887				54 75		54 75	

DR.

APPENDIX C.—HYDRAULIC and other Rents, &c —

Balances due on 1st July, 1887.	Accrued, year ended 30th June, 1888.	Total.	Number.	Name of Work.	Present Occupant.	Original Lessee.
\$ cts.	\$ cts.	\$ cts.				
16 50	8 25	24 75	10	Rideau Canal & River.....	Wm. Powell.....	
10 00	10 00	20 00	11	do	Stafford Merrifield.....	
	25 00	25 00	12	do	Canadian Pacific Ry.....	St. L. & Ottawa Ry.....
7 50	7 50	15 00	13	do	John Blair.....	
	80 00	80 00	14	do	James McLaren & Co.....	J. McKay.....
5 00	5 00	10 00	15	do	Alfred Chester	
	10 00	10 00	16	do	Jessie Miner.....	
	12 00	12 00	17	do	Hiram Easton.....	
	1 00	1 00	18	do	John Graham.....	
1 00	1 00	2 00	19	do	Robert Hastey.....	John Heney.....
	13 50	13 50	20	do	Mrs. Hannah Patterson...	
	1 00	1 00	21	do	R. W. Baxter.....	
	2 00	2 00	22	do	Geo. May.....	
24 00	2 00	26 00	23	do	Widow A. Howlett.....	
9 00	3 00	12 00	24	do	Wm. Rowland.....	
18 00	3 00	21 00	25	do	Francis Abbott.....	
	2 00	2 00	26	do	C. A. R. Co.....	Thomas Kingston.....
	10 00	10 00	27	do	Temporal Committee.....	St. Andrew's Church...
2 00	2 00	4 00	28	do	Andrew Hickey.....	
	1 00	1 00	29	do	L. Duhamel.....	
1 00	1 00	2 00	30	do	W. J. Webster.....	
	4 50	4 50	31	do	George Sheppard.....	
	2 00	2 00	32	do	J. G. White.....	
175 00	25 00	200 00	33	do	Wm. Little.....	
5 00	5 00	10 00	34	do	A. C. White.....	
6 00	2 00	8 00	35	do	John Neville.....	
120 00		120 00	36	do	J. W. McRae & Co.....	
6 00	2 00	8 00	37	do	Robert McCloy.....	
1 00	1 00	2 00	38	do	Smith's Falls Curling Club.....	
180 00	22 50	202 50	39	do	Wm. Dawson.....	
84 00	12 00	96 00	40	do	R. E. Hardy.....	
4 00	4 00	8 00	41	do	T. and P. Collins.....	
	9 00	9 00	42	do	Jas. Marks.....	
1 00	1 00	2 00	43	do	Henry Hartney.....	
112 50	11 25	123 75	44	do	Chas. McCaffery.....	
	105 00	105 00	45	do	J. S. Foster.....	M. J. Foster.....
157 50	105 00	262 50	46	do	Wm. Anglin.....	
12 00	2 00	14 00	47	do	Francis Abbott.....	
4,260 00	120 00	4,380 00	48	do	Russell Ward.....	Joshua Bates.....
	2 00	2 00	49	do	Wm Lavender.....	
20 00	5 00	25 00	50	do	Henry Merrick.....	

Lessees' Account, 1887-88.—Continued.

CR.

Description of Property.	Number.	Date to which the Account is made up.	Abatement Authorized.	Paid during Fiscal Year.	Balances due, 30th June, 1888.	Total.
						\$ cts.
Reserve in front of Lot No. 5, Con. 2, Nichol's Island.....	10	Dec. 1, 1888			24 75	24 75
Reserve in front of Lot No. 4, Con. 1, Oxford.	11	July, 1, 1888			20 00	20 00
Right of way of Canal, Lots 8 and 9, Dow's Swamp.....	12	Jan. 1, 1889		25 00		25 00
Reserve in front of North $\frac{1}{2}$ Lot No. 9, Con. 2, Nichol's Island.....	13	do		15 00		15 00
Green Island, at Ottawa.....	14	Jan. 1, 1888		80 00		80 00
Reserve of portion of Lot No. 3 Con. B, Wolford.....	15	July 1, 1888		5 00	5 00	10 00
Reserve of portion of Lot No. 2, Con. B, Wolford.....	16	do		10 00		10 00
Lot above old Lock, Merrickville.....	17	Dec. 31, 1887		12 00		12 00
Reserve in front of North $\frac{1}{2}$ Lot G, Con. C, Nepean.....	18	Jan. 1, 1889		1 00		1 00
Reserve at Deep Cut, Ottawa.....	19	Sept. 1, 1888			2 00	2 00
Reserve in front of South $\frac{1}{2}$ Lot G, Con. C, Nepean.....	20	Jan. 1, 1889		13 50		13 50
Reserve in front of Lot G, Con. C, Nepean.....	21	do		1 00		1 00
Wharf privileges on Sub-Lots 29 and 30, on Lot K, Con. B, Nepean.....	22	do		2 00		2 00
Reserve in front of Lot No. 40, Con. 1, Nepean do do N do.....	23	July 1, 1888	10 00		16 00	26 00
do on Lot 40, Con. 1, Nepean.....	24	June 1, 1889			12 00	12 00
do on Lot F, Con. C, do.....	25	Nov. 1, 1888			21 00	21 00
do on both sides Canal, Lot H, Con. C, Nepean.....	26	do		2 00		2 00
do on Lot G, Con. C, Nepean.....	27	Jan. 1, 1889		10 00		10 00
do on Lot K, Con. B do.....	28	Dec. 1, 1888		4 00		4 00
do on Lot No. 1, Con. 5 do.....	29	Jan. 1, 1889		1 00		1 00
do on Lot No. 4, Con. 1 do.....	30	May 1, 1889		2 00		2 00
do on Lot K, Con. C do.....	31	June 1, 1889		4 50		4 50
Reserve on east side of Canal, Ottawa.....	32	Aug. 1, 1888		2 00		2 00
Reserve on West $\frac{1}{2}$ Lot No. 27, Con. 1, Marlboro	33	April 1, 1888			200 00	200 00
Reserve in front of his property at Deep Cut, Ottawa.....	34	June 1, 1888			10 00	10 00
Reserve S. E. Lot No. 1, Canal Basin, Ottawa	35	Jan. 1, 1889			8 00	8 00
Reserve on Sub-Lots 34, 35, 36, Lot K, Con. C, Kingston.....	36	April 1, 1882			120 00	120 00
Reserve Lot No. 1, Con. 4, Elmsley.....	37	Nov. 1, 1888			8 00	8 00
Reserve in front of Lot No. 3, Con. 2, Nepean.	38	do		1 00	1 00	2 00
Reserve in front of Lot Nos. 22 and 23, Con. A, Nepean.....	39	Jan. 1, 1889		67 50	135 00	202 50
Reserve in front of Lot No. 9, Con. 1, Gloucester.....	40	Jan. 1, 1888			96 00	96 00
Reserve on Lot 1, Con. B, Nepean.....	41	June 1, 1889		4 00	4 00	8 00
Reserve in front of Sub-Lots Nos. 64 and 65, Lot 1, Con. B, Nepean.....	42	Jan. 1, 1889			9 00	9 00
Reserve in front of South $\frac{1}{2}$ Lot No. 4, Con. 2, Nepean.....	43	June 1, 1889		1 00	1 00	2 00
Water power at Brewer's Lower Mills.....	44	Jan. 1, 1889			123 75	123 75
Water power at Brewer's Upper Mills.....	45	Jan. 1, 1888		52 50	52 50	105 00
Reserve on Lot No. 40, Con. 1, Nepean.....	46	June 30, 1888		210 00	52 50	262 50
Lots A, B, old Sly Station.....	47	July 1, 1888			14 00	14 00
Reserve on part Lot No. 2, Con. 4, Smith's Falls	48	May 1, 1888			4,380 00	4,380 00
Reserve near Swing Bridge, Merrickville.....	49	Jan. 1, 1888		2 00		2 00
	50	Jan. 1, 1889			25 00	25 00

DR.

APPENDIX C.—HYDRAULIC and other Rents, &c.—

Balance due on 1st July, 1887.	Accrued, year ended 30th June, 1888.	Total.	Number.	Name of Work.	Present Occupant.	Original Lessee.
\$ cts.	\$ cts.	\$ cts.				
			51	Rideau Canal & River.....	George Merrick.....	
49 50	8 25	57 75	52	do	M. Kilroe.....	
18 00	3 00	21 00	53	do	Francis Abbott.....	
52 50	157 50	210 00	54	do	J. A. Kirkpatrick.....	John Rourk.....
10 00	10 00	20 00	55	do	John Branigan.....	
	50 00	50 00	56	do	London and Canadian Loan Co.....	
	1 00	1 00	57	do	Canada Atlantic Railway.....	H. Jackson.....
0 40	0 20	0 60	58	do	A. Wood.....	
13 00	13 00	26 00	59	do	Michael Keily.....	
300 00	80 00	380 00	60	do	G. W. McCullough.....	
	9 50	9 50	61	do	Patrick O'Donnell.....	
2 00	1 00	3 00	62	do	Corporation of Ottawa.....	
1 00	1 00	2 00	63	do	do	
80 00	80 00	160 00	64	do	J. G. Butterworth & Co.....	
	80 00	80 00	65	do	Dey Bros.....	
5 00	5 00	10 00	66	do	Benjamin E. Chaffey.....	
	4 00	4 00	67	do	John Samson.....	
	100 00	100 00	68	do	Bronson & Weston.....	
	3 00	3 00	69	do	W. W. Bedford.....	
	31 25	31 25	70	do	Rideau Skating and Curling Co.....	
	9 00	9 00	71	do	Mrs. Catherine O'Neil.....	
	18 00	18 00	72	do	J. P. Tett and Benj. Tett.....	
6,071 40	1,355 95	7,427 35				
123 00	246 00	369 00	1	Williamsburg Canal.....	Wm. Gibson.....	B. Chaffey.....
385 00	140 00	525 00	2	do	M. F. Beach.....	Wm. Elliott.....
210 00	140 00	350 00	3	do	Cameron & McInnis.....	J. Molson, jun.....
4,320 00	160 00	4,480 00	4	do	Edwardsburg Starch Factory.....	Benson & Aspden.....
1,142 62	140 00	1,282 62	5	do	P. O'Keefe.....	P. Carman.....
30 00	5 00	35 00	6	do	J. C. Irvine.....	
	12 00	12 00	7	do	W. T. Benson.....	
20 00	20 00	40 00	8	do	W. M. Doran.....	Wm. Bailey.....
24 00	24 00	48 00	9	do	J. H. Ross.....	
1 00	1 00	2 00	10	do	Trustees, Section No. 4.....	
	5 00	5 00	11	do	E. E. Gilbert.....	Wm. Clegg.....
	5 00	5 00	12	do	John Reid.....	
	8 00	8 00	13	do	Estate, W. T. Benson.....	G. P. Anderson.....
10 00	10 00	20 00	14	do	Sidney Shaver.....	
35 00	75 00	105 00	15	do	Municipal Council of Iroquois.....	
	70 00	70 00	16	do	Cor. of Village of Morrisburg.....	
6,300 62	1,056 00	7,356 62				

Lessees' Accounts, 1887-88—Continued.

CR.

Description of Property.	Number.	Date to which the Account is made up.	Abatement Authorized.	Paid during Fiscal Year.		Balance due, 30th June, 1888.	Total.
				\$ cts.	\$ cts.		
Water Lot at Hog's Back Station	51					
Reserve in front of N. $\frac{1}{2}$ Lot 8, Con. 1, Nepean	52	Jan. 1, 1889			57 75	57 75	
Reserve on part of Lot No. 40, Con. 1, Nepean	53	Nov. 1, 1888			21 00	21 00	
Water Lot on Lot 38, Con. 1, Kingston	54	June 30, 1888		210 00		210 00	
Reserve on Lots Nos. 35 and 36, Con. 1, Kingston	55	Aug. 1, 1888			20 00	20 00	
Surplus water at Bulk Head, Long Island	56	Jan. 1, 1888		50 00		50 00	
Reserve in front of Lot B, Con. C, Nepean	57	Jan. 1, 1889		1 00		1 00	
Reserve on part Lot 1, Con. 4, Nepean	58	June 30, 1888			0 60	0 60	
Lot near head of Deep Cut, Ottawa	59	May 1, 1889		13 00	13 00	26 00	
Lot for Coal Shed on Basin do	60	June 1, 1888		360 00	20 00	380 00	
Reserve on Lot E, Con. D, Rideau Front	61	May 1, 1889		9 50		9 50	
Lot for Weigh-house, Canal Basin, Ottawa	62	do			3 00	3 00	
Small strip of Reserve for enlargement of $\frac{1}{2}$ mile track at Show Grounds	63	Jan. 1, 1889			2 00	2 00	
Lots 1 and 2 for Coal Shed on S. E. side of Basin, Ottawa	64	June 30, 1889		80 00	80 00	160 00	
Lots 4, 5, 6 and 7 on S. E. side Basin, Ottawa	65	May 1, 1889		80 00		80 00	
Water Lot at Chaffey's Lock	66	June 30, 1888		10 00		10 00	
Reserve of 1 acre on Lot 40, Con. 1, Nepean, at Dow's Swamp	67	Dec. 1, 1888		4 00		4 00	
Reserve in Stewarton for lumber yard	68	Aug. 1, 1889		100 00		100 00	
Lot, $\frac{2}{3}$ of an acre, Elmsley	69	May 1, 1889		3 00		3 00	
Reserve on S. side of Deep Cut, Ottawa	70	July 1, 1888			31 25	31 25	
Lot near Dow's Swamp	71	Aug. 1, 1888		9 00		9 00	
Strip of land and Warehouse near Isthmas Lock Station	72	May 1, 1889			18 00	18 00	
				10 00	1,566 25	5,911 10	7,427 35
Grist Mill, Mill Street, Williamsburg	1	June 30, 1888		369 00		369 00	
do Matilda Lock	2	do		210 00	315 00	525 00	
do do	3	do		100 00	250 00	350 00	
Starch Factory, Edwardsburg	4	do			4,480 00	4,480 00	
Tannery do	5	do			1,282 62	1,282 62	
Part of Lot No. 6, Con. 1, Edwardsburg	6	July 1, 1887			35 00	35 00	
Pasture Grounds, Galops Canal	7	Mar. 1, 1889		12 00		12 00	
Wharf Lot No. 2, Point Iroquois	8	Aug. 30, 1888			40 00	40 00	
do 1, do	9	Dec. 1, 1888		24 00	24 00	48 00	
Lot for School purposes at Matilda	10	May 1, 1889		2 00		2 00	
Lot at Galops Canal	11	Aug. 1, 1888		5 00		5 00	
Lot near do	12	do		5 00		5 00	
do upper entrance, Galops Canal.....	13	Jan. 1, 1888		8 00		8 00	
Part of Lot No. 32, Con. 1, Matilda	14	May 1, 1889		10 00	10 00	20 00	
Water Lot and surplus water for pumping engine	15	June 30, 1888		105 00		105 00	
Water Lot and Water Power to drive pumping machine	16	.....		35 00	35 00	70 00
				885 00	6,471 62	7,356 62	

DR.

APPENDIX C.—HYDRAULIC and other Rents, &c.—

Balances due on 1st July, 1887.		Accrued, year ended 30th June, 1888.		Total.	Number.	Name of Work.	Present Occupant.	Original Lessee.	
\$	cts.	\$	cts.	\$					cts.
120	00	240	00	360	00	1	Cornwall Canal.	Andrew Hodge	
75	00	150	00	225	00	2	do	Permanent Loan Co.	A. F. Gault
270	00			270	00	3	do	W. D. & G. C. Wood	
		135	00	135	00	4	do	Geo. Stephen	
60	00	120	00	180	00	5	do	Stormont Cotton Co.	
80	00	20	00	100	00	6	do	Henry Harrison	
247	50			247	50	7	do	J. & C. H. Wood	
		120	00	120	00	8	do	Toronto Paper Manufacturing Co.	
		25	00	25	00	9	do	Flack Bros	
		10	00	10	00	10	do	Loney & Campbell	
851	50	820	00	1,672	50				
100	00			100	00	1	Beauharnois Canal	N. Papineau	D. B. Pease
20	00	20	00	40	00	2	do	H. Larocque	
80	00	20	00	100	00	3	do	E. Dion	St. Amour & Co.
20	00	20	00	40	00	4	do	do	J. Demers & Co.
358	50	717	00	1,075	50	5	do	A. Buntin	
60	00	120	00	180	00	6	do	do	Stephen May
180	00	120	00	300	00	7	do	T. & W. Bolduc	F. X. Poitras
		120	00	120	00	8	do	James Wattie	P. Poulin
120	00	120	00	240	00	9	do	S. Pieau	J. Meloche
800	00	400	00	1,200	00	10	do	Montreal Cotton Co.	
35	00	35	00	70	00	11	do	Lake St. Francis Nav. Co.	
		23	00	23	00	12	do	Valleyfield Canning Co.	R. N. Walsh
46	00	23	00	69	00	13	do	James Anderson	
20	00	20	00	40	00	14	do	C. E. Wilson	
		20	00	20	00	15	do	J. F. Nicholson	Todd & Nicholson
20	00	20	00	40	00	16	do	Alex. McPhee & Co.	
		10	00	10	00	17	do	O. Longtine	
		20	00	20	00	18	do	O. P. Dennie	
		15	00	15	00	19	do	Est. A. Hodge	
		14	00	14	00	20	do	Alex. Cockburn	
		10	00	10	00	21	do	F. X. Barbeau	J. Larocque
4	00	4	00	8	00	22	do	Wm. Hood	
40	00	40	00	80	00	23	do	Robert Steele	
20	00	20	00	40	00	24	do	James Wattie	
20	00	20	00	40	00	25	do	Montreal Cotton Co.	
20	00	20	00	40	00	26	do	do	
		20	00	20	00	27	do	James McDonald	
40	00			40	00	28	do	E. Bergin	
		10	00	10	00	29	do	A. D' Aoust	
		10	00	10	00	30	do	D' Aoust & Leduc	
		10	00	10	00	31	do	Auguste Lespérance	
		30	00	30	00	32	do	Louis Leduc	
		20	00	20	00	33	do	Lake St. Francis Tow Boat Co.	
		20	00	20	00	34	do	Eusèbe French	
30	00			30	00	25	do	Moïse Lalonde	

Lessees' Accounts, 1887-88—Continued.

CR.

Description of Property.	Number.	Date to which the Account is made up.	Abatement Authorized.	Paid during Fiscal Year.		Balances due, 30th June, 1888.	Total.
				\$ cts.	\$ cts.		
Flour and Grist Mill, Lots 3 and 4.....	1	June 30, 1888		240 00		360 00	
Hydraulic Lot No. 6, south side	2	do		150 00		225 00	
do Nos. 1 and 2, north.....	3	June 30, 1878			270 00	270 00	
do No. 7.....	4	Jan. 1, 1887		135 00		135 00	
do No. 6.....	5	June 30, 1888		120 00	60 00	180 00	
Wharf Lot, Moulinette.....	6	May 1, 1889			100 00	100 00	
do near Lock 20.....	7	June 30, 1881			247 50	247 50	
Surplus water for Paper Mill, at Lock No. 18, Lot on south side Water Street for Coal Yard Tract of land, S. limit of Water Street, Corn- wall	8	Jan. 1, 1888		120 00		120 00	
	9	July 1, 1888		25 00		25 00	
	10	April 1, 1889		10 00		10 00	
				800 00	872 50	1,672 50	
Wharf Lot, St. Timothy.....	1	Jan. 1, 1864			100 00	100 00	
do Valleyfield.....	2	May 1, 1888		20 00	20 00	40 00	
do St. Cécile.....	3	do		20 00	80 00	100 00	
do do.....	4	do		20 00	20 00	40 00	
Paper Mill on Lots 1, 2, 3, Valleyfield.....	5	June 30, 1888		358 50	717 00	1,075 50	
Grist Mill on Lot 5 do	6	do		60 00	120 00	180 00	
Saw Mill, head of Canal do	7	do		120 00	180 00	300 00	
Woolen Mill on Lot 2, and Building Lot, Valleyfield.....	8	do		60 00	60 00	120 00	
Lot at Lock No. 7.....	9	July 1, 1889		240 00		240 00	
Lots at head of Canal.....	10	June 30, 1888		800 00	400 00	1,200 00	
Wharf and Shed above Guard Lock, Valleyfield	11	May 1, 1889		35 00	35 00	70 00	
Wharf and Storehouse do do	12	Aug. 1, 1888		23 00		23 00	
do do do	13	June 30, 1888		23 00	46 00	69 00	
do do do	14	Nov. 1, 1888			40 00	40 00	
do do do	15	Oct. 1, 1888			20 00	20 00	
do do do	16	do			40 00	40 00	
Reserve do do	17	Dec. 1, 1888		10 00		10 00	
do do do	18	do			20 00	20 00	
do do do	19	do		15 00		15 00	
do do do	20	do		14 00		14 00	
do head of Canal do	21	Sept. 1, 1888		10 00		10 00	
Lot on Grande Isle, east end of Dam	22	April 1, 1889			8 00	8 00	
Lot above Guard Lock, Valleyfield.....	23	May 1, 1889		40 00	40 00	80 00	
Lot of Land in rear of Lots 1 and 2, Valleyfield	24	July 1, 1888		20 00	20 00	40 00	
Cadastral Lot 486, Grande Isle	25	May 1, 1889		20 00	20 00	40 00	
do 845, for a Public Park, Valleyfield	26	Jan. 1, 1889		20 00	20 00	40 00	
do 830, Valleyfield.....	27	July 1, 1888		20 00		20 00	
Lot near St. Timothy Bridge	28	Sept. 30, 1880			40 00	40 00	
Lot for Store and Wharf, above St. Timothy Bridge, Valleyfield.....	29	May 1, 1889			10 00	10 00	
Lot for Store and Wharf, below St. Timothy Bridge, Valleyfield.....	30	do			10 00	10 00	
do do do	31	do			10 00	10 00	
Lot for Shops and Ship Yard, above Guard Lock, Valleyfield.....	32	Sept. 1, 1888		30 00		30 00	
Lot for Wharf, north of Guard Lock, Valleyfield	33	July 1, 1888		20 00		20 00	
Part of Lot 1 for Piling Ground, above Guard Lock, Valleyfield.....	34	Sept. 1, 1888		20 00		20 00	
Part of Lot 1 for Lumber Yard, above Guard Lock, Valleyfield.....	35	July 1, 1887	7 50		22 50	30 00	

DR.

APPENDIX C.—Hydraulic and other Rents, &c.—

Balances due on 1st July, 1887.	Accrued, year ended 30th June, 1888.	Total.	Number.	Name of Work.	Present Occupant.	Original Lessee.
\$ cts.	\$ cts.	\$ cts.				
	40 00	40 00	36	Beauharnois Canal...	John H. Wilson	
8 00	8 00	16 00	37	do	S. A. Brodeur.....	
	15 00	15 00	38	do	J. F. Nicholson.....	Col. McFee.....
	1 00	1 00	39	do	The Canada Mutual Telegraph Co.....	
	5 00	5 00	40	do	Auguste Crevier.....	
20 00	20 00	40 00	41	do	Moise Julien.....	
40 00	40 00	80 00	42	do	Onézime Trempe.....	
40 00	20 00	60 00	43	do	Joseph Cardinal.....	
	52 50	52 50	44	do	Valleyfield Electric Co.....	
	105 00	105 00	45	do	Corporation of Town of Salabery.....	
	15 00	15 00	46	do	Estate of late James McDonald.....	
2,141 50	2,412 50	4,554 00				
215 00	430 00	645 00	1	Lachine Canal...	Pillow, Hersey & Co.....	
215 00	430 00	645 00	2	do	do	
215 00	430 00	645 00	3	do	Lyman, Sons & Co.....	W. Lyman & Co.....
430 00	860 00	1,290 00	4	do	Montreal Warehousing Co.....	Grant, Hall & Co.....
	430 00	430 00	5	do	Peck, Benny & Co.....	Jas. McDougall.....
	650 00	650 00	6	do	do	Thos. Peck.....
840 00	1,680 00	2,520 00	7	do	Ira Gould & Son.....	Young & Gould.....
	50 00	50 00	8	do	Dominion Bridge Co.....	
	10 00	10 00	9	do	E. V. Moseley & Co.....	Moseley & Rickers.....
	30 00	30 00	10	do	Beauharnois Steam Navigation Co.....	Henry Shackell.....
	60 00	60 00	11	do	Jas. Wilson, jun.....	M. K. Dickinson.....
	1 00	1 00	12	do	A. Cantin.....	
	1,296 00	1,296 00	13	do	Ira Gould & Son.....	Ira Gould.....
800 50	1,601 00	2,401 50	14	do	Estate of J. Frothingham	Wm. Parkyn.....
	1 00	1 00	15	do	Corporation of Montreal.....	
6,000 00	1,000 00	7,000 00	16	do	Geo. Tait.....	G. & W. Tait.....
196 00	392 00	588 00	17	do	Frothingham & Workman	Frothingham & Workman
132 00	264 00	396 00	18	do	H. McLennan.....	Frothingham & Workman
	430 00	430 00	19	do	Peck, Benny & Co.....	J. Harvey.....
	100 00	100 00	20	do	Montreal Transportation Co.....	J. B. Auger & Co.....
	700 00	700 00	21	do	Montreal Warehousing Co.....	
	1 00	1 00	22	do	S. Delisle.....	
564 00	1,128 00	1,692 00	23	do	Malthy & King.....	W. P. Bartley.....
322 50	645 00	967 50	24	do	Wm. Johnson & Co.....	do
322 50	645 00	967 50	25	do	Peck, Benny & Co.....	do
	25 00	25 00	26	do	G. E. Jacques & Co.....	
	750 00	750 00	27	do	St. Lawrence Sugar Refining Co.....	
	200 00	200 00	28	do	Merchant's Manufacturing Co.....	

Lessees' Accounts, 1887-88—Continued.

CR.

Description of Property.	Number.	Date to which the Account is made up.	Abatement Authorized.		Paid during Fiscal Year.	Balances due 30th June, 1888.		Total.
			\$	cts.		\$	cts.	
Part of Lot 1 for Coal Yard, above Guard Lock, Valleyfield.....	36	July 1, 1888			40 00			40 00
No. 60, Parish of St. Cécile.....	37	Oct. 1, 1888				16 00		16 00
Lot for Wharf, south side of Canal, above Guard Lock.....	38	Nov. 15, 1888				15 00		15 00
Privilege of placing Poles on bank of Canal.....	39	Oct. 1, 1888			1 00			1 00
Lot above St. Timothy Bridge for Public Scales.....	40	do				5 00		5 00
do do for a Shed.....	41	June 1, 1889				40 00		40 00
Part of Lot 1, Valleyfield.....	42	Sept. 1, 1888			40 00			40 00
Lots 101 and 116 do.....	43	June 1, 1889			20 00			20 00
Piece of Land, No. 830, and privilege to construct a Flume to Grande Isle.....	44	Jan. 1, 1889			52 50			52 50
Portion of Lot 830, and privilege to construct a Flume to Grande Isle.....	45	June 30, 1889			105 00			105 00
Portion of Lot 830, Valleyfield.....	46	Oct. 1, 1888			15 00			15 00
					7 50	2,292 00	2,254 50	4 554 00
Spike and Nail Factory, Lot 15.....	1	June 30, 1888			430 00	215 00		645 00
do do Lot 16.....	2	do			430 00	215 00		645 00
Paint Mill, Lot 17.....	3	do			430 00	215 00		645 00
Grist and Flour Mill, Lots 18 and 19.....	4	do			860 00	430 00		1,290 00
do do Lot 11.....	5	April 1, 1888			430 00			430 00
Elevator and Store, Lots 9 and 10.....	6	do			650 00			650 00
Surplus Water at Lock No. 3.....	7	June 30, 1888			1,680 00	840 00		2,520 00
Water Supply below Guard Lock, Lachine.....	8	July 1, 1888			50 00			50 00
do do at G. T. R. crossing.....	9	Oct. 1, 1888			10 00			10 00
Freight Shed at Basin No. 1.....	10	May 1, 1889			30 00			30 00
Store at Basin No. 1.....	11	do			60 00			60 00
Water Lot in front of his Dry Dock.....	12	April 1, 1888			1 00			1 00
Flour Mill and Store on Lots 12, 13 and 14.....	13	do			1,296 00			1,296 00
Water Power, Côte St. Paul, Lock No. 4.....	14	June 30, 1888			1,601 00	800 50		2,401 50
Privilege of floating Bath near Wellington Bridge.....	15	July 1, 1888			1 00			1 00
Dry Dock, Ship Yard and Mill, Basin No. 2.....	16	June 30, 1888			1,000 00	6,000 00		7,000 00
Warehouse and Coal Yard, Lot No. 1.....	17	do			392 00	196 00		588 00
Grain Elevator on ½ Lot No. 2.....	18	do			264 00	132 00		396 00
do do Lot No. 8.....	19	May 22, 1888			430 00			430 00
Part of Island No. 5, for Ship Yard.....	20	July 1, 1887			100 00			100 00
Land at Basin No. 2.....	21	Aug. 1, 1888			700 00			700 00
Floating Bath near Brewster's Bridge.....	22	do			1 00			1 00
Machine Shop on ½ Lot No. 2, and Lots 3 and 4, Basin No. 2.....	23	June 30, 1888			1,128 00	564 00		1,692 00
Flour Mill, Lot 5 and ½ of 6, Basin No. 2.....	24	do			645 00	322 50		967 50
Nail Factory, Lot 7 and ½ of 6, Basin No. 2.....	25	do			645 00	322 50		967 50
Lot for Office, Colborne St., Montreal.....	26	July 1, 1888			25 00			25 00
Water Supply through a 10-inch pipe, Basin No. 1.....	27	June 30, 1888			375 00	375 00		750 00
Water Supply through a 10-inch pipe, St. Henri.....	28	Jan. 1, 1888			200 00			200 00

DR.

APPENDIX C —Hydraulic and other Rents, &c—

Balance due on 1st July, 1887.	Accrued, year ended 30th June, 1888.	Total.	Number.	Name of Work.	Present Occupant.	Original Lessee.
\$ cts.	\$ cts.	\$ cts.				
	1 00	1 00	29	Lachine Canal...	Corporation of Montreal...	
	150 00	150 00	30	do	Acer & Kennedy.....	
	466 67	466 67	31	do	do	
	25 00	25 00	32	do	Dominion Abattoir Co....	
	180 00	180 00	33	do	P. McCrory.....	Vital Paradis.....
	40 00	40 00	34	do	Dominion Barb Wire Co.	
	10 00	10 00	35	do	Wm. Clark.....	
	300 00	300 00	36	do	Henderson Bros.....	
	592 77	592 77	37	do	P. Poulin.....	
1,102 93	1,102 93	2,205 86	38	do	H. Bulmer.....	
420 75	420 75	841 50	39	do	Dufresne, O., jun.....	
			40	do	G. A. Grier.....	
684 44	684 44	1,368 88	41	do	Bourgouit & Thibault...	
1,277 06	1,277 06	2,554 12	42	do	Henderson Lumber Co...	
253 68	253 68	507 36	43	do	D. Pariseau.....	
428 08	428 08	856 16	44	do	P. McCrory.....	
	100 00	100 00	45	do	Warren Scarf Asphalt Paving Co.....	
	100 00	100 00	46	do	Verrett, Stewart & Co...	
	600 00	600 00	47	do	Dobell, Beckett & Co.....	
	360 00	360 00	48	do	Grand Trunk Ry. Co.....	
	120 00	120 00	49	do	E. Ouellette & Co.....	
	538 00	538 00	50	do	Harbor Commissioners of Montreal.....	
	200 00	200 00	51	do	George End.....	
	600 00	600 00	52	do	C. M. Acer.....	
	1 00	1 00	53	do	Montreal Street Ry. Co...	
	10 00	10 00	54	do	A. W. Ogilvie & Co.....	
	1 00	1 00	55	do	City of Montreal.....	
	10 00	10 00	56	do	Canadian Pacific Ry. Co.	
	380 92	380 92	57	do	Pi�re Poulin.....	
	40 00	40 00	58	do	Louis Fortin.....	
	20 00	20 00	59	do	Lalonde & Kehoe.....	
	75 00	75 00	60	do	Rich. Navigation Co.....	
15,012 21	22,734 53	37,746 74				
7 50	7 50	7 50	1	Chambly Canal...	J. A. Maurice.....	
180 00	60 00	240 00	2	do	S.E. Railway Co.....	
10 00	10 00	20 00	3	do	Catelli Bros.....	
19 34	19 34	4	4	do	J. C. Pierce & Son.....	
25 00	25 00	50 00	5	do	Bissett & Donaghy.....	
25 00	25 00	50 00	6	do	Simard & Godin.....	
	25 00	25 00	7	do	Jas. O' Cain.....	
266 84	145 00	411 84				

Lessees' Accounts, 1887-88—Continued.

CR.

Description of Property:	Number.	Date to which the Account is made up.	Abatement Author-	Paid during Fiscal	Balance due 30th	Total.
			ized.	Year.	June, 1888.	
			\$ cts.	\$ cts.	\$ cts.	\$ cts.
Lot for Public Park near Wellington Bridge...	29	July 1, 1887		1 00		1 00
Lot for Cattle Yard at Point St. Charles.....	30	Feb. 1, 1888		150 00		150 00
Lot for Hotel at Point St. Charles.....	31	Dec. 1, 1888		466 67		466 67
Water Supply to their establishment at St. Henri	32	July 1, 1888		25 00		25 00
Wharf Lot at St. Gabriel.....	33	Jan. 1, 1889		180 00		180 00
Water Supply below Guard Lock No. 5.....	34	Sept. 1, 1888		40 00		40 00
do do to Factory, Canal St., Montreal	35	do		10 00		10 00
Two Lots of Land, Ottawa St., Montreal.....	36	Nov. 1, 1888		300 00		300 00
Lots 1 and 2.....	37	May 1, 1888	197 59	395 18		592 77
do 3, 4, 5, 6 and 7.....	38	May 1, 1889		1,102 93	1,102 93	2,205 86
do 8 and 9.....	39	do		420 75	420 75	841 50
do 10 and 11.....	40	do				
do 12, 15 and 16.....	41	May 1, 1889		684 44	684 44	1,368 88
do 13, 14, 18, 19 and 22.....	42	do			2,554 12	2,554 12
do 17.....	43	do		253 68	253 68	507 36
do 20 and 21.....	44	do		428 08	428 08	856 16
do on St. Gabriel, near Atwater Avenue, Montreal	45	Oct. 1, 1888		100 00		100 00
Space in Shed No. 1, St. Gabriel Basin, Montreal.....	46	June 1, 1888		100 00		100 00
Space in Shed No. 1, above Wellington Bridge	47	May 1, 1888		600 00		600 00
Siding west side of Wellington Street Bridge	48	Aug. 1, 1888		360 00		360 00
Lot above the Regulating Wier.....	49	May 1, 1889		120 00		120 00
Motive power for lighting wharves	50	Sept. 1, 1887		538 00		538 00
Lots Nos. 10 and 11.....	51	April 1, 1888		200 00		200 00
Part of cadastral Lot No. 328 of St. Ann's Ward	52	Dec. 1, 1888			600 00	600 00
Permission to lay a double track on Wellington Street Bridge.....	53	Jan. 1, 1889		1 00		1 00
Strip of land N.-W. side of Mill St., at Basin 2	54	Sept. 1, 1888		10 00		10 00
Lot on S.-W. side of Waste Wier	55	do		1 00		1 00
Privilege to lay a track on Spoil Bank, at Parish of Lachine	56	May 1, 1889		10 00		10 00
Lots Nos. 1 and 2 W. St. Gabriel's Basin, No. 4 St. Ann's Ward	57	Jan. 1, 1889		126 98	253 94	380 92
Lot 80 x 50 in town of St. Cunegonde.....	58	May 1, 1889		40 00		40 00
Shed No. 1, Basin No. 4	59	do		20 00		20 00
Freight Shed at Basin No. 1.....	60	do		75 00		75 00
			197 59	20,623 71	16,925 44	37,746 74
2 lots of land at Chambly	1	May 1, 1878			7 50	7 50
Wharf Lot at St. Joseph	2	June 30, 1888		240 00		240 00
Lot in Village Chambly	3	May 1, 1889			20 00	20 00
Wharf at St. Johns	4	Nov 19, 1881			19 34	19 34
Part of Canal Wharf at St. Johns.....	5	June 30, 1888			50 00	50 00
do do	6	do			50 00	50 00
do do	7	do			25 00	25 00
				240 00	171 84	411 84

DR.

APPENDIX C.—Hydraulic and other Rents, &c —

Balances due on 1st July, 1887.		Accrued year ended 30th June, 1888.		Total.	Number.	Name of Work.	Present Occupant.	Original Lessee.
\$	cts.	\$	cts.	\$				
		187 30		187 30	1	Welland Canal.	Wood & Green	R. Laurie.....
360 00		240 00		600 00	2	do	S. Neelon	R. & J. Laurie.....
30 00		20 00		50 00	3	do	do	do
		176 00		176 00	4	do	A. Muir	do
1,050 00				1,050 00	5	do	Andrews & Son.....	Donaldson, Andrews & Ross
				1,270 50	6	do	Donaldson, Andrews & Ross	do
200 00		100 00		300 00	7	do	Wm. Hutchinson	do
		260 00		260 00	8	do	Tuttle, Date & Rodden.....	J. L. Ranney
375 00		150 00		525 00	9	do	S. Neelon	C. Phelps
100 00		40 00		140 00	10	do	Norris & Neeban.....	do
167 66		167 66		335 32	11	do	Whitman & Barns Manufacturing Co.	R. Collier.....
280 00		140 00		420 00	12	do	J. B. Smith	Thos. Towers.....
250 00		500 00		750 00	13	do	St. Catharines Water-Power Co.....	do
		20 00		20 00	14	do	St. Catharines and Welland Gas-Light Co.....	do
525 00		75 00		600 00	15	do	J. C. & J. Gilliespie	do
35 00				35 00	16	do	St. Catharines Street Railway Co.....	do
				100 50	17	do	John F. Rees	do
		75 00		75 00	18	do	Whitman & Barns Manufacturing Co.....	do
36 00				36 00	19	do	H. Jarvis	do
648 00		216 00		864 00	20	do	McLeary & McLean	Wm. Beatty.....
240 00		240 00		480 00	21	do	Lybster Cotton Co	Gordon & McKay
120 00		240 00		360 00	22	do	John Riordon.....	do
100 00		200 00		300 00	23	do	do	do
800 00		400 00		1,200 00	24	do	Merritton Cotton Co.....	King & Dolan
60 00		60 00		120 00	25	do	Jas Wilson	do
100 00		50 00		150 00	26	do	Lybster Cotton Mill	do
95 40		63 60		159 00	27	do	Thorold W. & C. Co.....	Wm. Beatty
100 00		50 00		150 00	28	do	J. McDonagh	W. H. Ward.....
1,142 00		146 00		1,288 00	29	do	do	do
175 00		25 00		200 00	30	do	John Battle.....	do
200 00		80 00		280 00	31	do	do	do
222 00		222 00		444 00	32	do	Howland, Jones & Co....	P. Howland
65 00		130 00		195 00	33	do	Jas. Norris.....	Brown & Ross
40 00		80 00		120 00	34	do	Arch. Dobbie	Welland Canal Loan Co
110 00		110 00		220 00	35	do	C. J. Jones	McPherson & Wier.....
		5 00		5 00	36	do	Corporation of Thorold ..	do
180 00		120 00		300 00	37	do	J. Davey, jun	John Battle.....
5,007 46				5,007 46	38	do	Wright & Duncan	do
20 00		20 00		40 00	39	do	P. H. Musson	do
940 00				940 00	40	do	J & J. Abbey	McFarland & Lemon...
		120 34		120 34	41	do	John Hill.....	R. Band
490 00		140 00		630 00	42	do	S. Neelan	Pt. Robinson Dry Dock Co
364 00				364 00	43	do	Jacob Crowe	Killens & Dockstader..

Lessees' Accounts, 1887-88—Continued.

CR.

Description of Property.	Number.	Date to which the Account is made up.	Abatement Authorized.	Paid during Fiscal Year.	Balances due, 30th June, 1888.		Total.
					\$ cts.	\$ cts.	
Grist Mill Waste Wier No. 1, Port Dalhousie...	1	Jan. 1, 1888		93 65	93 65	187 30	
Mill Lot do do	2	June 30, 1888			600 00	600 00	
Lot near do do	3	do			50 00	50 00	
Docks near Lot No. 1 do	4	do		176 00		176 00	
Dry Dock, part of Lock No. 1 do	5	Jan. 1, 1882			1,050 00	1,050 00	
Saw Mill at Waste Wier No. 1 do	6	do			1,270 50	1,270 50	
Wharf Lot, East end East Pier do	7	June 30, 1888			300 00	300 00	
Union Mill, near Lock No. 2, St. Catharines...	8	Jan. 1, 1888			260 00	260 00	
Merchants' Red Mill do	9	June 30, 1888		450 00	75 00	525 00	
Wharf at Lock No. 4 do	10	do		120 00	20 00	140 00	
Saw Mill at Lock No. 5 do	11	do		83 83	251 49	335 32	
Grist Mill at new Lock No. 10 do	12	do			420 00	420 00	
Water Power Locks, Nos. 3 to 11 do	13	do		500 00	250 00	750 00	
Wharf Lot at Lock No. 4 do	14	Jan. 1, 1889		20 00		20 00	
Lot near Lock No. 5 do	15	Oct. 1, 1888			600 00	600 00	
Privilege of placing Bridge over Water-way, St. Catharines	16	Oct. 1, 1886			35 00	35 00	
16½ acres of Lot 11, Con. 7, Grantham, for pasture, St. Catharines	17	Mar. 1, 1885			100 50	100 50	
Old Lock House at Lock No. 6, St. Catharines.	18	Oct. 1, 1888			75 00	75 00	
Part of Lot 16, Con. 4, Grantham, for Sail Loft, St. Catharines	19	July 1, 1887			36 00	36 00	
Saw Mill at Lock No. 21, Merritton	20	June 30, 1888		756 00	108 00	864 00	
Cotton Factory at Lots, 12, 13 & 14, Merritton	21	do		360 00	120 00	480 00	
Water Lots at Lots 16, 18, 19 & 21 do	22	do		240 00	120 00	360 00	
Paper Factory, Lot 17 do	23	do		200 00	100 00	300 00	
Water supply at Merritton Cotton Mills	24	do		400 00	800 00	1,200 00	
do do	25	do		60 00	60 00	120 00	
Parts of Lots 11 & 12, Con. 10, Grantham, Merritton	26	Feb. 1, 1888		150 00		150 00	
Tannery at Lock No. 22, Thorold	27	June 30, 1888		127 20	31 80	159 00	
Factory do 23 do	28	do			150 00	150 00	
Saw Mill do 23 do	29	do			1,288 00	1,288 00	
Wharf and right of way over Raceway, at Lock No. 25, Thorold	30	do			200 00	200 00	
Plaster Mills at Lock No. 25, Thorold	31	do			280 00	280 00	
Grist Mills do 25 do	32	do		333 00	111 00	444 00	
Merchants' Mill do 23 do	33	do		130 00	65 00	195 00	
Machine Shop do 22 do	34	do		40 00	80 00	120 00	
do do 23 do	35	do		165 00	55 00	220 00	
Part of Lot 17, near Lock No. 24 do	36	Oct. 1, 1888		5 00		5 00	
Lot in connection with his Cement Mill, Thorold	37	do		240 00	60 00	300 00	
Grist Mill, Allanburg	38	Jan. 1, 1882			5,007 46	5,007 46	
Storehouse do	39	Apr. 1, 1888		20 00	20 00	40 00	
Saw Mill, Port Robinson	40	July 1, 1877			940 00	940 00	
Grist Mill do	41	June 30, 1888		77 34	43 00	120 34	
Water to float vessels, Port Robinson	42	do			630 00	630 00	
Saw Mill, Welland	43	do	79 00		285 00	364 00	

DR.

APPENDIX C.—Hydraulic and other Rents, &c.—

Balance due on 1st July, 1887.	Accrued, year ended 30th June, 1888.	Total.	Number.	Name of Work.	Present Occupant.	Original Lessee.
\$ cts.	\$ cts.	\$ cts.				
40 00		40 00	44	Welland Canal	F. O. White	
141 15		141 15	45	do	Hendershot Bros.	Eli Mead
151 30		151 30	46	do	do	A. Sherwood
300 00		300 00	47	do	do	
	1 00	1 00	48	do	Corporation, County of Welland	
20 00	20 00	40 00	49	do	James Bridges	
1 00	1 00	2 00	50	do	H. A. Rose	
48 00	45 00	93 00	51	do	Phelps Bros	
125 00	25 00	150 00	52	do	L. G. Carter	A. K. Scholfield
	20 00	20 00	53	do	Welland Railway Co.	
	25 00	25 00	54	do	J. & F. Conlin	John Gordon
	1 00	1 00	55	do	Corporation of Port Colborne	
293 22	53 32	346 54	56	do	Edward Lee	John Graybiel
20 00	10 00	30 00	57	do	Alex. Lattimore	
605 64	95 33	700 97	58	do	A. McDonald	Wm Melanby
90 00	60 00	150 00	59	do	R. Chambers	H & N. Davis
288 94	28 90	317 84	60	do	S. & J. Haney	Brown & Merritt
106 72	48 89	155 61	61	do	S. Walthe & Co	L. J. Weatherly
508 39	75 33	583 72	62	do	S. & J. Haney	Brown & Merritt
			63	do	W. Scholfield	L. Brocklebank
508 39	131 11	639 50	64	do	M. A. Smith	Chisholm & Miner
70 00		70 00	65	do	John Taylor	
150 00		150 00	66	do	John W. Holmes	
60 00		60 00	67	do	Geo. Wallace	
	115 00	115 00	68	do	Rolston & Haskins	
	180 00	180 00	69	do	Moody & Son	R. F. Lattimore
	200 00	200 00	70	do	Corporation of Village of Merriton	
	120 00	120 00	71	do	C. J. Page & Co.	
	25 00	25 00	72	do	Caleb Swayze	
	1 00	1 00	73	do	St. Catharines and Niagara Central Ry. Co.	
	880 00	880 00	74	do	John Battle	
19,526 27	7,030 78	26,557 05				
	100 00	100 00	1	Trent River Works	Francis Sandford	
120 00	40 00	160 00	2	do	Estate J. Cummings	Jas. Cummings
120 00	40 00	160 00	3	do		Est. H. J. B. Williams
1 00		1 00	4	St. Anne's Locks		Canada Mutual Telegraph Co
	1 00	1 00	5	do		Dominion Tel. Co.
5 00	1 00	6 00	6	St. Lawrence River		Quebec Harbor Commission
3 00	1 00	4 00	7	do		L. T. Pinze

Lessees' Accounts, 1887-88—Continued.

CR.

Description of Property.	Number.	Date to which the Account is made up.	Abatement Authorized.		Paid during Fiscal Year.	Balance due, 30th June, 1888.	Total.
			\$	cts.			
Lot of 4 acres for pasture, Welland	44	Apr. 1, 1884				40 00	40 00
Wharf Lot, Welland	45	Dec. 31, 1886				141 15	141 15
do do	46	do				151 30	151 30
do do	47	June 30, 1878				300 00	300 00
Water supply to Court House, Welland	48	Aug. 1, 1888			1 00		1 00
Lot on West Main Street do	49	Aug. 1, 1887				40 00	40 00
Lot in Town of Welland do	50	Mar. 1, 1888				2 00	2 00
Surplus water in winter only, near aqueduct, Welland	51	June 30, 1888	3 00		45 00	45 00	93 00
Wharf Lot, Port Colborne	52	do				150 00	150 00
Lot for Elevator, Port Colborne	53	Jan. 1, 1888			20 00		20 00
Lot for Coal and Wood Yard, Port Colborne	54	June 30, 1888			12 50	12 50	25 00
Roadway across Canal lands to Grand Trunk Railway Crossing, Port Colborne	55	Nov. 1, 1888			1 00		1 00
Grist Mill, Marshville	56	June 30, 1888				346 54	346 54
Parts of Lots 18 & 19, Con. 4, Wainfleet, Marshville	57	July 1, 1888				30 00	30 00
Saw Mill, Broad Creek	58	June 30, 1888				700 97	700 97
Grist and Saw Mill, Dunnville	59	do				150 00	150 00
Plaster Mill do	60	do				317 84	317 84
Carding Mill do	61	do				155 61	155 61
Plaster Mill do	62	do				583 72	583 72
Grist Mill do	63	Jan. 1, 1888					
Saw Mill do	64	June 30, 1888				639 50	639 50
Wharf Lot do	65	do				70 00	70 00
Mill Lot do	66	do 1887				150 00	150 00
Lot for Tannery do	67	Jan. 1, 1882				60 00	60 00
Water power for Electric Light, Dunnville	68	Nov. 1, 1884			115 00		115 00
Water Lot, Dunnville	69	July 1, 1888			180 00		180 00
Lot between Lock 25 and Guard Gates	70	June 30, 1889			200 00		200 00
Water Power for Welland Town	71	Oct. 1, 1888			120 00		120 00
Lot 26, Welland	72	July 1, 1888			25 00		25 00
Track through Towns of Thorold and Merriton. Property at Thorold, on west side of new Welland Canal	73	Oct. 11, 1888				1 00	1 00
	74	July 1, 1887			540 00	340 00	880 00
			82 00		6,006 52	20,468 53	26,557 05
Lot at Fenelon Falls	1	Dec. 1, 1888			50 00	50 00	100 00
Lot and Lock house, Chisholm's Rapids	2	June 30, 1888				160 00	160 00
Water Power at Hall's Bridge, Buckhorn Rapids	3	do				160 00	160 00
Permission to place a Pole on Government Reserve	4	June 30, 1884				1 00	1 00
do do	5	May 1, 1889			1 00		1 00
Small Lot of Land near Custom House, Quebec do for an Office, River du Loup	6	Sept. 1, 1887				6 00	6 00
	7	June 30, 1888				4 00	4 00

DR.

APPENDIX C.—Hydraulic and other Rents, &c.—

Balances due on 1st July, 1887.	Accrued, year ended 30th June, 1888.	Total.	Number.	Name of Work.	Present Occupant.	Original Lessee.
¢ cts.	¢ cts.	¢ cts.				
	25 00	25 00	8	St. Lawrence River.....		Richelieu and Ontario Navigation Co.....
100 00	100 00	200 00	9	Burlington Bay Canal.....	S. K. Birely.....	N. F. Birely.....
	20 00	20 00	10	do		B. Perry.....
	10 00	10 00	11	do		J. C. McKeand.....
10 00	5 00	15 00	12	Brantford.....		B. Heyd.....
1 00	1 00	2 00	13	Canals.....		Bell Telephone Co.....
43 00	43 00	86 00	14	Presque Isle Harbour.....		Thomas Webb.....
	1 00	1 00	15	Rondeau Harbor.....		School Trustees.....
1 00	1 00	2 00	16	Collingwood do.....		Great Northern Transit Co.....
120 00	20 00	140 00	17	Fort Francis Canal.....		S. H. Fowler.....
			18	British Columbia.....		Henry Holbrooke.....
165 00		165 00	19	do		A. Peel.....
90 00		90 00	20	do		Jonathan Maury.....
	25 00	25 00	21	do		Roderick Finlayson.....
	25 00	25 00	22	do		Joseph Spratt.....
	50 00	50 00	23	do		Corporation New Westminster.....
779 00	509 00	1,288 00				

Lessees' Accounts, 1887-88—Continued.

CR.

Description of Property.	Number.	Date to which the Account is made up.	Abatement Author-ized.	Paid during Fiscal Year.		Balances due, 30th June, 1888.		Total.	
				\$	cts.	\$	cts.	\$	cts.
Roadway, from Pier at Coteau Landing.....	8	July 1, 1888		25	00			25	00
Reserve on Beach.....	9	Jan. 1, 1889				200	00	200	00
do	10	do		20	00			20	00
do	11	do				10	00	10	00
Permission to tap Post Office drain	12	Aug. 1, 1889		15	00			15	00
Permission to place their Poles along the line of the Cornwall, Williamsburg, Chambly and Welland Canals and St. Anne's Lock	13	June 1, 1889				2	00	2	00
Lots on North Bay.....	14	Nov. 1, 1888				86	00	86	00
Use of old log house formerly used as Custom House, Shrewsbury, Ont	15	Sept. 1, 1889		1	00			1	00
Use of old breakwater for storing coal.....	16	Feb. 1, 1889				2	00	2	00
Lot near Town of Alberton for piling lumber..	17	May 1, 1889				140	00	140	00
Camp reserve with wharf and building, New Westminster	18								
Portion of Assay office, New Westminster.....	19	June 30, 1881				165	00	165	00
do	20	do				90	00	90	00
Privilege to erect two Bulk-heads, Rock Bay, Victoria Harbour.....	21	June 1, 1889		25	00			25	00
Privilege to build a Wharf opposite his own property, Victoria Harbour.....	22	do		25	00			25	00
Two Lots of Land for C. P. R. purposes	23	May 1, 1889		50	00			50	00
				212	00	1,076	00	1,288	00

DR.

APPENDIX C.—Hydraulic and other Rents, &c.—

Balances due on Purchase, 1st July, 1887.	Accrued, Year ended 30th June, 1888.	Total.	Name of Work.	Name of Proprietor.
\$ cts.	\$ cts.	\$ cts.		
2,536 87		2,536 87	Lachine Canal.....	Estate Philip Turcotte, now Estate R. A. R. Hubert.....
433 34		433 34	Bonner's Rent, Quebec..	Timothy Sullivan, now M. Murphy.....
333 34		333 34		John Bailey, now Alex. Powell.....
300 00		300 00		Abraham Thompson.....
147 80		147 80		John Boomer.....
248 40		248 40		John Garbatz, now J. C. Nolan.....
154 80		154 80		N. H. Bowen.....
600 00		600 00		Estate Robert Reed.....
333 33		333 33		Jean Chevalier.....
63 00		63 00		Thomas McAdams.....
533 33		533 33		Daniel Holden.....
333 33		333 33		George Creeley.....
54 38		54 38	Intercolonial Railway....	John and William Sproule.....
50 59		50 59		John Ferguson.....
59 15		59 15		Joseph Graham.....
13 06		13 06		Paul Foster.....
14 21		14 21		Donald McArthur.....
4 00		4 00		Cornelius Dyer.....
33 59		33 59		John Foster.....
0 35		0 35		William and John T. Ives.....
96 66		96 66		Christie Family.....
4 90		4 90		A. W. Tanner.....
23 29		23 29		William and Alexander Scott.....
12,092 83		12,092 83	Hamilton and Port Dover Road.....	Choat & Kern (matured).....
18,464 55		18,464 55		
				LAND SALES—INTEREST ACCOUNT.
3,307 65	152 22	3,459 87	Lachine Canal.....	Estate Philip Turcotte, now Estate R. A. R. Hubert.....
558 00		558 00	Bonner's Rent, Quebec..	Timothy Sullivan, now M. Murphy.....
160 00	20 00	180 00		John Bailey, now Alex. Powell.....
270 00	18 00	288 00		A. Thompson.....
137 48	8 87	146 35		John Boomer.....
246 00	14 91	260 91		John Garbatz, now J. C. Nolan.....
190 37	9 29	199 66		N. H. Bowen.....
756 00	36 00	792 00		Estate Robert Reed.....
190 00		190 00		John Chevalier.....
298 68		298 68		Daniel Holden.....
35 91		35 91		Thomas McAdam.....
100 00		100 00		Geo. Creeley.....
100 00		100 00		Joseph Brook, tenant.....
6,298 23		6,298 23	Hamilton and Port Dover Road.....	Choat & Kern.....
12,648 34	259 29	12,907 63		

INLAND REVENUE DEPARTMENT,
OTTAWA, 8th September, 1888.

Lessees' Accounts, 1887-88—Continued.

CR.

Description of Property.	Date to which the Account is made up.	Authorized Abatement.	Paid during Fiscal Year.	Balances due 30th June, 1888.		Total.
				\$	cts.	
Farm Côte St. Paul.....				2,536	87	2,536 87
Lot No. 1, Wolfe St.....				433	34	433 34
do 9 do				333	34	333 34
do 49 do				300	00	300 00
do 73 and 74, Tower St.....				147	80	147 80
do 64 Wolfe St, and 211 and 252 Ware St.....				248	40	248 40
do 67 and 68, Monument St.....				154	80	154 80
do 22 and 23, Wolfe St.....				600	00	600 00
do 32, Wolfe St.....				333	33	333 33
do 135, Church St.....				63	00	63 00
do 65 and 66, Wolfe St.....				533	33	533 33
do 31, Wolfe St.....				333	33	333 33
1 2/4 acres of land, at Pictou, Nova Scotia.....				54	38	54 38
3 3/8 do do				50	59	50 59
2 5/8 do do				59	15	59 15
4 3/8 do do				13	06	13 06
9 1/8 do do				14	21	14 21
1 1/8 do do				4	00	4 00
8 6/8 do do				33	59	33 59
1 5/8 do do				0	35	0 35
3 1/8 do do				96	66	96 66
1 1/8 do do				4	90	4 90
1 1/8 do do				23	29	23 29
Hamilton and Port Dover Road and Caledonia Bridge.....				12,092	83	12,092 83
				18,464	55	18,464 55
Farm at Côte St. Paul.....	May 1, 1888			3,459	87	3,459 87
Lot No 1, Wolfe St.....	do			558	00	558 00
do 9 do	do			180	00	180 00
do 49 do	do			288	00	288 00
do 73 and 74, Tower St.....	do			146	35	146 35
do 64, Wolfe St, and 211 and 232 Ware St.....	do			260	91	260 91
do 67 and 68, Monument St.....	do			199	66	199 66
do 22 and 23, Wolfe St.....	do			792	00	792 00
do 32, Wolfe St.....	Nov. 1, 1863			190	00	190 00
do 65 and 66, Wolfe St.....	do			298	68	298 68
do 135, Church St.....	do			35	91	35 91
do 31, Wolfe St.....	do			100	00	100 00
Monument Hotel.....	do			100	00	100 00
Hamilton and Port Dover Road and Caledonia Bridge.....	June 30, 1874			6,298	25	6,298 25
				12,907	63	12,907 63

E. MIALL,
Commissioner.

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SUPPLEMENT No. 1

TO THE

INLAND REVENUE REPORT

For the year ended 30th June, 1888.

CANAL STATISTICS

FOR

SEASON OF NAVIGATION

1888.



O T T A W A :

Printed by BROWN CHAMBERLIN, Printer to the Queen's Most Excellent Majesty.

1889.

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SUPPLEMENT No. 1

TO THE

REPORT

OF THE

COMMISSIONER OF INLAND REVENUE.

To the Honorable
The Minister of Inland Revenue.

SIR,—I have the honor to submit herewith my Report on the Canal Statistics for the season of navigation of 1888.

1. The statistics for the season of 1887 are printed with the Annual Report of the Department, and comparing them with those now submitted, it will be seen that the aggregate revenue has increased during the year 1888 to the extent of \$10,951.58.

The several increases and decreases are as follows:—

	Increase.	Decrease.
On the Welland Canal.....	\$22,796 04	.....
do St. Lawrence Canals.....	.....	\$10,484 57
do Chambly Canal.....	1,763 18	.....
do Rideau Canal.....	1,039 49	.....
do Ottawa Canal.....	.....	3,785 79
do St. Peter's Canal.....	.....	303 73
do Newcastle District Canals...	.....	73 04
Total.....	\$25,598 71	\$14,647 13
Total increase.....	\$10,951 58	

2. These figures, however, are somewhat changed by refunds under Orders in Council hereinafter referred to.

There was refunded, on grain in 1887, tolls to the amount of \$33,412.62, and in 1888, \$30,580.02, which makes the actual increase of revenue for 1888, \$13,784.18.

3. In compliance with the renewed request of the forwarders and shippers of Montreal for a continuance of the reduction of tolls on grain, His Excellency the Governor General on the 20th April, 1888, authorized a reduction of tolls to two (2) cents per ton on grain passing down the St. Lawrence Canals to Montreal, or ports east of that point, for the season of 1888 and no longer.

4. The full amount of tolls on the Welland Canal was collected, and a refund of 18 cents per ton was made on proof of the delivery of the grain at Montreal.

5. The quantity of barley, corn, oats, peas, rye and wheat, passed down the Welland Canal from United States ports to United States ports, for a period of nine years, upon which there was no reduction of tolls, is as follows:—

	Tons.
1880.....	47,029
1881.....	64,351
1882.....	63,881
1883.....	121,876
1884.....	104,537
1885.....	117,346
1886.....	151,551
1887.....	134,868
1888.....	169,664

The quantity of these articles passed down the Welland and St. Lawrence Canals from ports west of Port Colburne, to Montreal for the same period is as follows:—

	Tons.
1880.....	353,806
1881.....	146,127
1882.....	180,694
1883.....	186,814
*1884.....	142,194
1885.....	96,569
1886.....	203,940
1887.....	185,034
1888.....	160,358

6. It will be seen by the above figures that the quantity of grain, passed down the Welland Canal from United States ports to (Oswego and Ogdensburg) United States ports, has increased 34,796 tons as compared with the previous year, and an increase of 122,635 tons as compared with 1880; while the quantity passed down from Lake Erie to Montreal shows a decrease of 24,676 tons for 1888, as compared with the previous year, and a decrease of 173,448 tons, as compared with 1880, notwithstanding there being a rebate allowed on the latter of 18 cents per ton from 1st July, 1885, to December, 1888.

7. The quantity of grain passed down the Welland Canal in Canadian and United States vessels to Kingston, for three years, is as follows:—

In Canadian vessels there were in

1886, 244 cargoes, with an aggregate quantity of.....	143,330 tons.
1887, 284 do do do	178,233 do
1888, 182 do do do	143,025 do

In United States vessels there were in

1886, 97 cargoes, with an aggregate quantity of.....	62,222 tons.
1887, 19 do do do	12,477 do
1888, 60 do do do	43,667 do

* A refund of 10 cents per ton was allowed on grain passed down the Welland and St. Lawrence Canals to Montreal for 1884 and to June, 1885, and 18 cents per ton from 1st July, 1885, to December, 1888.

8. Three Canadian vessels took their cargoes of 1,425 tons of grain through to Montreal, intact in 1886, against four in 1887 of 1,544 tons, and two in 1888 of 1,064 tons.

Seventy-eight Canadian vessels lightened their cargoes at Kingston in 1886, against 60 in 1887 and 39 in 1888; and 240 vessels discharged the whole of their cargoes at Kingston in 1886, against 244 in 1887 and 201 in 1888.

9. The total quantity of freight passed eastward and westward through the Welland Canal, from United States ports to United States ports, for a period of eight years, is as follows:—

	Eastward, Tons.	Westward. Tons.
1881	96,266	97,907
1882	110,286	172,520
1883	174,912	257,699
1884	163,998	243,081
1885	168,212	216,297
1886	244,916	239,562
1887.....	189,427	151,074
1888	221,062	213,689

The total quantity of freight passed eastward and westward through the Welland and St. Lawrence Canals, from Lake Erie to Montreal, during the same period is as follows:—

	* Eastward. Tons.	† Westward. Tons.
1881	169,213	37,190
1882	198,835	24,488
1883.....	205,394	27,488
1884.....	168,715	9,425
1885.....	132,968	16,115
1886	244,514	16,801
1887	213,834	14,075
1888	183,899	19,310

10. The quantity of barley, corn, oats, pease, rye and wheat, arriving at Montreal, *via* Grand Trunk and Canadian Pacific Railways, for a period of seven years, is reported as follows:—

	Tons.
1882	75,026
1883	98,672
1884.....	142,231
1885	160,821
1886	165,613
1887	191,760
1888	113,794

* Allowed to pass through the St. Lawrence Canals free, per Order in Council, 21st April, 1881, and a refund of 18 cents per ton of Welland Canal tolls on grain for 1885, 1886, 1887 and 1888.

† Allowed to pass through the Welland Canal free, per Order in Council 21st April, 1881.

The quantity of the same articles passed down the whole length of the St. Lawrence Canals to Montreal, for the same period, being

	Tons.
1882	230,055
1883	263,368
1884	174,496
1885	134,824
1886	272,133
1887	237,881
1888	166,191

11. The quantity of corn passed down the Welland and St. Lawrence Canals from Lake Erie to Montreal for the seasons of—

	Tons.
1887	24,609
1888	66,443
Showing an increase of	41,834

The quantity of corn carried on the New York Canals is reported as follows:—

	Tons.
1887	446,617
1888	499,218
Showing an increase of	52,601

The quantity of wheat passed down the Welland and St. Lawrence Canals from Lake Erie to Montreal for—

	Tons.
1887	160,063
1888	93,915
Showing a decrease of	66,148

The quantity of wheat carried by the New York Canals is reported as follows:

	Tons.
1887	936,840
1888	491,419
Showing a decrease of	445,421

The total quantity of grain carried on the New York Railways is reported as follows:—

	Tons.
1887	2,580,222
1888	2,151,749
Showing a decrease of	428,473

The total quantity of grain carried to tide-water by the New York Canals is reported as follows:—

	Tons.
1887	1,505,086
1888	1,117,871
Showing a decrease of.....	<u>387,215</u>

The quantity of grain passed down the St. Lawrence Canals to Montreal is as follows:—

	Tons.
For 1887.....	237,881
1888.....	166,191
Showing a decrease of.....	<u>71,690</u>

The total quantity of grain carried by the Canadian Pacific and Grand Trunk Railways, to Montreal is reported as follows:—

	Tons.
For 1887.....	191,760
1888.....	113,794
Showing a decrease of.....	<u>77,966</u>

The decrease for 1888 as compared with 1887, on the several routes competing for the carrying trade to the sea-board is as follows:—

	Tons.		Per cent.
On New York Railways.....	428,473	or	16.66
do Canals.....	387,215	or	25.72
Canadian Pacific and Grand Trunk Railways	77,966	or	40.65
St. Lawrence Canals.....	<u>71,690</u>	or	<u>30.13</u>

12. By reference to Appendix U, it will be seen that the quantity of freight from ports west of Port Colborne to United States ports on the south of Lake Ontario has increased from 175,455 tons in 1883 to 238,467 tons in 1888, and the quantity to Ontario ports between Port Dalhousie and Cornwall has decreased from 184,502 tons in 1883 to 98,880 in 1888, and the quantity passed down to Montreal has decreased from 205,394 tons in 1883 to 183,899 tons in 1888.

13. The statistical comparisons heretofore given in respect of the quantities of the principal articles carried through the Welland Canal, and those carried over routes in the United States, in competition with that work, have been continued to date.

14. The quantity of grain transhipped at Port Colborne, in 1888 and three previous years, is given below. The total number of grain laden vessels lightened at that port, in 1888, was 23 against 32 in the previous year.

The number unladen without entering the canal was three against *nul* in 1887.

The quantity of grain lightered was as follows:—

	1885. Centals.	1886. Centals.	1887. Centals.	1888. Centals.
Wheat.....	147,300	96,871	5,031	6,864
Corn.....	156,307	511,735	147,435	74,488
Barley.....	.....	.....	.....	.....

The quantity discharged in the port from vessels which did not enter the canal was as follows:—

	1885. Centals.	1886. Centals.	1887. Centals.	1888. Centals.
Wheat.....	13,488	.....	.....	43,555
Corn.....	.....	.....	.....	13,202
Barley.....	.....	.....	.....	.....

15. On reference to the returns made by the railways to the State authorities of New York, and to the canal statistics submitted to the State Legislature, I find that the total tonnage of freight carried by the canals and railways, the State canals carried:—

	Per cent.
In 1859	68·9
1869	47·0
1870	38·9
1871	38·9
1872	40·1
1873	34·9
1874	31·7
1875	28·4
1876	24·6
1877	28·3
1878	27·1
1879	23·7
1880	25·1
1881	18·5
1882	19·0
1883	18·7
1884	19·0
1885	17·1
1886	16·9
1887	16·3
1888	18·8

The quantity of freight carried by the canals and railways was less in 1888 by 7,735,181 tons than the quantity carried in 1887, and an increase of 13,791,436 tons over 1869. The proportion carried by canals shows an increase as compared with the previous year. The quantities carried are as follows:—

	Total Tonnage.	Proportion by Canals.
In 1859.....	5,485,076	•6890
1869.....	12,453,174	•4705
1870.....	15,148,274	•3895
1871.....	15,844,152	•3896
1872.....	16,631,609	•4012
1873.....	18,200,208	•3497
1874.....	18,283,547	•3174
1875.....	17,101,758	•2841
1876.....	16,948,627	•2462
1877.....	17,489,770	•2833
1878.....	19,017,301	•2719
1879.....	22,590,766	•2373
1880.....	25,706,586	•2512
1881.....	27,857,394	•1859
1882.....	28,693,054	•1905
1883.....	30,167,119	•1877
1884.....	26,293,844	•1905
1885.....	27,543,948	•1718
1886.....	31,168,744	•1698
1887.....	34,029,791	•1632
1888.....	26,244,610	•1883

16. By reference to Statement H, as to the quantity of vegetable food carried to tide-water, it will be observed that the quantity carried by the New York canals was 1,166,958 in 1888, as against 1,552,764 tons in 1887, and 2,371,090 in 1880, and 1,302,613 in 1869.

17. The quantities of vegetable food carried by the New York Central, Erie and New York, West Shore and Buffalo Railways being:—

	Tons.
In 1888.....	3,197,734
1887.....*	3,847,766
1886.....	3,802,262
1885.....	4,105,594
1884.....	3,639,805
1883.....	4,422,461
1882.....	3,885,557
1880.....	4,732,385
1869.....	1,087,809

* Flour and grain only.

18. The following figures are an abstract of the quantities of vegetable food carried to tide-water by the canals and railways of the State of New York, during twenty years :—

	Canals.	Railways.	Total.	Proportions by Canals.
1869.....	1,302,613	1,087,809	2,390,422	•545
1870.....	1,295,010	1,766,457	3,061,467	•423
1871.....	1,850,198	2,205,589	4,055,787	•456
1872.....	1,674,320	1,870,614	3,544,934	•472
1873.....	1,745,171	2,036,992	3,782,163	•461
1874.....	1,767,598	2,791,517	4,559,115	•387
1875.....	1,305,550	2,343,241	3,648,791	•357
1876.....	1,064,293	2,875,803	3,940,096	•270
1877.....	1,498,984	2,493,683	3,992,667	•375
1878.....	1,912,734	3,695,764	5,608,498	•341
1879.....	1,833,399	4,353,617	6,187,016	•296
1880.....	2,371,090	4,732,385	7,103,475	•333
1881.....	1,116,561	4,983,722	6,100,283	•183
1882.....	1,118,776	3,885,557	5,004,333	•222
1883.....	1,379,000	4,422,461	5,801,461	•237
1884.....	1,236,986	3,629,805	4,876,791	•253
1885.....	1,063,310	4,105,594	5,168,904	•205
1886.....	1,489,886	3,802,262	5,292,148	•281
1887.....	1,539,403	3,847,766	5,387,169	•285
1888.....	1,166,958	3,197,734	4,364,692	•267

19. The Canadian Pacific and Canada Atlantic Railways have become formidable competitors to the Ottawa Canals for the carrying of lumber from the Ottawa district.

The quantity carried from Ottawa and Hull by these two railways for 1887 and 1888, is reported as follows:—

	1887.	1888.
Sawn lumber, feet, B. M.....	100,369,429	119,304,517
Shingles, M.....	90	50

Quantity carried by the Ottawa Canals for the same period is as follows:—

	1887.	1888.
Sawn lumber, feet, B. M.....	335,094,000	319,923,600
Shingles, M.....	6,732	5,028

I have the honor to be, Sir,
Your obedient servant,

R. MIALL,
Commissioner of Inland Revenue.

OTTAWA, 27th March, 1889.

C.—TABLE showing the Tonnage of the undermentioned Articles, moved:

Years.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Vegetable Food.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869.....	71,051	670,534	256,475	99,012	92,309	13,489	99,743
1870.....	54,978	658,524	193,129	123,191	117,941	19,520	127,727
1871.....	41,211	748,549	672,057	113,992	129,891	34,563	109,935
1872.....	20,534	403,903	902,753	120,061	92,959	13,357	120,753
1873.....	19,307	803,064	637,296	70,586	70,023	30,160	114,735
1874.....	29,134	772,163	519,203	98,654	59,408	8,215	280,821
1875.....	17,635	744,293	282,031	104,475	62,717	8,309	86,090
1876.....	9,290	416,376	365,254	96,494	52,147	19,949	104,783
1877.....	8,923	448,043	723,458	139,453	66,045	35,948	77,114
1878.....	5,904	844,555	734,993	89,534	85,029	64,613	88,106
1879.....	7,164	949,466	621,180	96,144	23,164	59,210	77,071
1880.....	8,266	966,052	1,156,619	106,247	20,893	26,340	86,673
1881.....	6,926	444,832	475,823	81,587	30,321	15,484	61,588
1882.....	9,372	642,215	251,687	96,650	22,180	43,372	53,300
1883.....	9,047	573,740	522,978	58,787	51,607	95,246	67,595
1884.....	7,251	790,409	198,216	65,008	52,696	71,463	51,944
1885.....	6,869	565,922	359,982	64,587	8,234	10,211	47,505
1886.....	9,005	993,129	354,765	62,854	7,278	3,073	59,782
1887.....	4,089	936,840	446,617	75,458	35,365	6,717	47,678
1888.....	3,287	491,419	499,218	41,100	70,315	12,532	49,087

on all Canals in the State of New York, during a series of twenty Years.

HEAVY GOODS.						
Total.	Railway Iron.	Other Iron.	Salt.	Coal.	Ores.	Total.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1,302,613	137,677	79,652	263,333	1,324,408	183,992	1,989,062
1,295,010	135,930	89,708	266,740	1,558,185	238,802	2,289,365
1,850,198	178,269	100,310	248,709	1,194,037	289,952	2,011,277
1,674,320	161,667	96,996	248,558	1,462,590	377,592	2,547,403
1,745,171	53,363	62,581	216,706	1,625,859	415,968	2,374,477
1,767,598	24,511	82,955	173,590	1,413,162	232,544	1,926,762
1,305,550	36,603	95,305	186,785	1,217,091	283,219	1,819,003
1,064,293	11,691	69,450	114,070	1,036,698	173,530	1,405,439
1,498,984	10,341	58,828	156,918	1,286,881	250,573	1,763,541
1,912,734	8,385	65,642	139,927	889,873	210,078	1,313,905
1,833,399	27,634	99,568	136,021	971,074	314,411	1,548,708
2,371,090	94,613	139,993	144,487	959,342	370,884	1,709,319
1,116,561	78,650	205,005	113,756	1,092,003	337,873	1,827,287
1,118,776	58,921	122,786	108,040	1,228,435	364,361	1,882,543
1,379,000	46,553	47,412	190,392	1,152,849	293,892	1,731,098
1,236,986	28,513	54,471	161,788	954,288	201,610	1,400,670
1,063,310	12,215	38,726	161,272	1,025,941	195,750	1,433,904
1,489,886	10,878	152,030	112,002	857,884	269,914	1,402,708
1,552,764	21,368	244,979	124,054	905,424	243,578	1,539,403
1,166,958	2,596	43,881	106,344	1,219,680	259,269	1,631,770

D.--TABLE showing the Tonnage of the undermentioned, Articles, moved
December,

Year.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*.....	45,674	313,825	120,569	20,951	.....	904	1,937
1872.....	26,651	239,998	254,902	6,035	7,752	64	2,745
1873.....	30,665	355,847	180,169	8,225	1,194	3	3,777
1874.....	24,019	413,212	181,151	18,871	5,954	513	8,677
1875.....	13,964	253,835	103,749	35,751	3,383	917	6,337
1876.....	15,778	201,906	144,501	18,455	24,496	1,454	3,198
1877.....	13,558	253,953	109,196	19,870	2,810	2,439	2,355
1878.....	9,121	191,982	185,931	10,979	3,088	.....	2,302
1879.....	10,710	274,570	144,506	4,655	1,239	440	2,444
1880.....	12,679	245,020	163,738	17,772	477	1,016	1,480
1881.....	9,959	127,832	101,075	24,599	.....	1,844	2,086
1882.....	12,261	215,056	54,799	20,126	611	3,226	403
1883.....	13,471	152,794	182,269	10,436	731	1,642	10,983
1884.....	13,683	144,851	118,811	7,155	10,746	1,320	9,168
1885.....	13,334	124,206	117,536	15,801	1,116	.....	1,912
1886.....	19,474	154,169	219,442	1,595	4,911	564	14,657
1887.....	23,949	221,927	114,938	9,574	12,050	.....	12,533
1888.....	16,983	160,963	194,886	5,906	26,629	811	13,608

* Fiscal.

through the Welland Canal, during a series of Eighteen Years ended 31st 1888.

HEAVY GOODS.							
Total.	Railway Iron.	Other Iron.	Salt.	Iron and Salt having paid full Tolls on St. Lawrence Canals.	Coal.	Ores.	Total.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
503,860	68,064	16,924	91,575	37,153	103,126	58,781	275,623
538,147	26,217	17,141	50,540	44,243	186,932	98,605	423,678
579,880	6,923	20,754	40,850	17,157	339,016	118,685	543,387
647,397	6,032	12,068	23,309	9,579	323,503	56,825	431,316
417,936	1,517	7,588	13,509	9,962	321,306	43,683	397,565
409,788	51	7,997	30,300	20,327	288,211	31,654	378,540
464,181	9,630	9,696	9,173	3,983	323,869	42,758	399,109
403,403	10	11,518	3,980	12,686	295,318	15,229	338,741
438,564	2,782	5,797	7,174	17,796	192,957	19,164	245,670
442,182	5,360	4,812	413	22,273	109,986	34,139	176,983
269,395	4,585	7,013	10	30,682	128,113	18,785	189,188
306,482	.....	5,348	50	17,327	237,559	23,700	283,984
373,326	1,237	7,922	66	17,037	307,058	31,785	365,105
305,734	698	652	461	3,242	274,471	53,205	332,729
273,905	78	2,055	597	14,243	248,272	26,728	291,973
414,812	166	6,123	48	12,324	271,356	27,447	317,464
394,971	1,351	5,636	.....	6,715	145,193	13,866	172,761
419,786	93	3,220	316	13,617	223,871	16,872	257,989

E—TABLE showing the Tonnage of the undermentioned Articles cleared at Buffalo and Tonawanda, for transit through the Erie Canal, for a series of twenty years.

VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles	Total.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
1869.....	5,609	490,904	219,874	1,978	63,728	2,150	2,193	786,436	.....	.....
1870.....	8,258	502,158	165,577	19,944	89,156	10,593	6,906	802,592	2·05	.....
1871.....	5,607	570,849	579,709	19,810	106,391	27,622	5,705	1,315,693	67·59	.....
1872.....	.....	330,032	866,169	41,515	73,572	5,900	88	1,317,276	67·50	.....
1873.....	6	737,167	611,675	8,636	51,615	22,441	634	1,432,174	82·10	.....
1874.....	.....	650,161	459,728	3,192	44,079	112	237	1,157,509	47·18	.....
1875.....	5,859	695,315	273,006	1,156	36,609	2,242	3,372	1,017,559	29·38	.....
1876.....	231	377,317	356,064	6,334	26,488	12,205	4,691	783,331	.....	0·39
1877.....	1,710	398,416	709,723	26,351	52,559	27,365	4,976	1,223,100	55·52	.....
1878.....	987	775,953	718,714	21,665	69,256	51,064	6,662	1,644,301	109·08	.....
1879.....	1,239	892,404	602,171	7,193	14,537	40,471	7,528	1,565,543	99·07	.....
1880.....	2,743	897,603	131,857	434	16,154	12,137	4,256	2,065,184	162·06	.....
1881.....	1,491	386,605	458,318	86	24,751	107	7,484	878,842	11·75	.....
1882.....	1,123	586,019	241,406	1,858	9,046	19,158	6,216	864,826	9·96	.....
1883.....	538	535,150	517,219	6,816	47,190	79,010	6,051	1,191,974	51·06	.....
1884.....	520	737,784	194,368	4,910	47,060	57,856	4,411	1,078,909	37·18	.....
1885.....	323	540,533	356,737	3,317	5,610	6,405	5,427	918,352	14·36	.....
1886.....	488	955,851	351,272	6,799	5,180	.....	4,001	1,353,591	72·11	.....
1887.....	334	914,152	438,069	15,207	32,907	4,612	44,693	1,449,984	85·64	.....
1888.....	534	469,965	494,110	6,589	68,922	10,997	1,717	1,052,834	33·87	.....

SUPPLEMENT to Table E showing the Shipments at Oswego
during the same period.

VEGETABLE FOOD.

Years.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles	Total.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
1869.....	7,361	141,360	28,585	66,794	1,113	8,569	14,033	267,815	.....	.....
1870.....	11,440	115,732	10,120	77,906	3,953	7,402	11,628	238,181	.....	11·06
1871.....	10,043	123,173	70,218	72,675	1,806	6,250	13,259	297,424	11 05	.....
1872.....	4,773	57,865	27,148	62,172	684	6,751	10,425	169,818	.....	36·59
1873.....	4,061	53,361	10,578	46,337	670	6,019	10,739	131,765	.....	50·80
1874.....	.....	108,288	46,127	77,007	1,103	7,053	3,747	243,325	.....	9·14
1875.....	1,728	32,690	3,034	75,083	3,308	4,989	5,931	126,763	.....	52·67
1876.....	967	21,890	1,324	63,336	117	5,703	6,638	99,975	.....	62·67
1877.....	855	28,955	3,308	80,306	316	6,603	6,556	126,899	.....	52·61
1878.....	1,394	24,171	1,383	50,381	.....	10,598	5,222	93,149	.....	65·21
1879.....	734	25,740	9,268	71,693	.....	16,623	3,110	127,168	.....	52·51
1880.....	951	17,466	15,656	82,743	.....	12,598	5,996	135,410	.....	49·43
1881.....	758	25,352	8,064	62,793	200	14,444	4,027	115,638	.....	56·82
1882.....	813	20,274	4,401	70,862	416	22,265	7,773	126,804	.....	52·65
1883.....	432	22,634	535	32,557	.....	14,384	1,967	72,507	.....	73 00
1884.....	404	5,932	413	48,391	.....	12,173	2,819	70,132	.....	73·43
1885.....	519	6,484	22	45,264	.....	4,613	2,945	59,847	.....	77·62
1886.....	737	9,579	154	42,261	.....	1,671	4,814	59,216	.....	77·88
1887.....	790	675	2	44,580	.....	716	1,370	48,133	.....	82·02
1888.....	384	2,206	168	6,237	.....	.....	2,196	11,191	.....	95·82

F.—TABLE showing the Tonnage of the undermentioned Articles cleared downwards on the Welland Canal, during a series of eighteen years, ended 31st December, 1888.

VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*.....	44,110	310,090	119,541	3,920	.....	680	1,541	479,882
1872.....	26,648	231,056	254,534	2,693	7,594	64	2,300	524,889
1873.....	30,660	345,720	180,042	2,643	1,188	3	3,557	563,813
1874.....	24,017	406,157	181,128	377	5,953	.....	3,301	620,933
1875.....	13,930	248,555	103,477	813	3,383	500	4,304	374,962
1876.....	15,735	194,559	144,501	1,110	24,496	1,454	2,949	384,807
1877.....	13,588	248,894	169,185	10,216	2,810	2,405	1,633	448,931
1878.....	8,854	188,106	185,931	1,217	3,088	.....	2,100	389,296
1879.....	10,588	271,545	144,276	803	1,196	.....	2,387	430,795
1880.....	12,467	240,601	162,891	.....	477	.....	1,418	417,853
1881.....	9,655	121,393	103,075	252	.....	6	1,371	235,752
1882.....	12,205	205,876	54,797	537	.....	1,954	225	275,594
1883.....	13,256	146,741	182,143	975	731	618	10,971	355,335
1884.....	13,626	135,804	118,811	270	10,746	477	9,018	288,752
1885.....	13,322	114,090	117,536	618	1,116	.....	1,628	248,316
1886.....	19,418	146,151	218,897	.....	4,891	.....	14,571	403,928
1887.....	23,940	210,755	114,938	1,711	12,050	.....	12,149	375,543
1888.....	16,973	150,833	194,886	555	26,629	811	13,358	404,045

* Fiscal.

G.—TABLE showing the Tonnage of the undermentioned Articles passed through the Welland Canal in transit between Ports in the United States during a series of Eighteen years, ended 31st December, 1888.

Year.	VEGETABLE FOOD.										HEAVY GOODS.				
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles.	Total.	Railway Iron.	Other Iron.	Salt.	Coal.	Ores.	Total.	
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	
1869*	30,681	211,065	91,149	2,942	.....	667	1,006	337,530	68,064	14,334	8,066	28,566	35,912	236,962
1872	10,482	124,695	89,761	1,391	7,400	.....	608	234,337	24,040	13,239	49,843	95,741	59,401	242,264
1873	10,805	127,727	101,329	1,920	1,188	3	362	243,366	4,659	13,826	40,507	170,242	62,942	292,176	
1874	8,230	229,053	125,627	.....	5,948	.....	5,368	374,226	5,742	8,941	22,888	203,673	19,651	260,895
1875	1,881	113,832	54,188	2,641	2,346	500	1,920	177,908	14	4,123	12,931	192,767	34,616	244,451	
1876	5,187	96,247	58,138	.....	1,905	525	403	162,405	.....	5,531	29,395	167,110	25,808	227,844
1877	3,342	107,396	65,260	1,603	2,314	258	413	180,886	8,976	8,088	8,336	172,868	41,107	239,975	
1878	1,316	65,542	60,026	859	277	.....	341	128,311	.....	10,713	3,892	150,563	13,535	178,723
1879	159	53,791	33,401	.....	464	.....	11	87,826	2,405	3,648	6,318	118,573	17,797	148,741
1880	.....	30,611	16,122	1,551	296	.....	.....	48,580	4,743	3,515	371	65,945	18,380	92,954
1881	.....	34,320	30,031	924	.....	.....	10	65,285	1,313	5,570	.....	83,858	6,464	97,205
1882	107	30,227	32,433	537	.....	684	14	64,002	.....	4,076	.....	158,552	14,533	177,161
1883	2,041	54,382	66,128	735	731	.....	8,579	132,496	1,203	6,901	8	196,462	24,891	229,471
1884	1,715	40,956	53,707	.....	9,874	.....	8,170	114,422	698	599	.....	210,790	15,100	227,187
1885	124	53,235	63,229	732	882	.....	1	118,203	.....	1,594	.....	198,416	15,029	215,039
1886	7,591	53,258	94,048	.....	4,790	.....	13,201	172,888	156	5,328	1	189,964	11,364	206,813
1887	11,780	37,678	83,431	1,732	12,050	.....	10,859	157,530	15	4,406	.....	82,780	627	87,828
1888	8,563	39,999	102,974	2	26,510	179	11,598	189,825	63	1,601	56	173,259	2,309	177,388	

* Fiscal.

H.—TABLE showing the Tonnage of Vegetable Food carried on each of the Lines of Canals, and the two principal railways, Competing for the Carrying Trade between Lake Erie and Tidewater, for a series of Eighteen Years, ended 31st December, 1888.

Year.	Total on New York Canals.	Total on Welland Canal.	Total on New York Central and Erie Railways.	Quantity cleared at Buffalo and Tonawanda by Erie Canal.	Quantity cleared at Oswego by Canal.	Quantity cleared through the Welland Canal in transit between ports in the United States.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*.....	1,302,613	503,860	1,087,809	786,436	267,815	337,530
1872.....	1,674,320	538,147	1,870,614	1,317,276	169,818	234,337
1873.....	1,745,171	579,880	2,036,992	1,432,174	131,765	243,366
1874.....	1,767,598	647,397	2,791,517	1,157,509	243,325	374,226
1875.....	1,305,550	417,936	2,343,241	1,017,559	126,763	177,908
1876.....	1,064,293	409,788	2,875,803	783,331	99,975	162,405
1877.....	1,408,984	464,181	2,493,683	1,223,100	126,899	180,586
1878.....	1,912,734	403,403	3,695,764	1,644,301	93,149	128,361
1879.....	1,833,399	438,564	4,353,617	1,565,543	127,168	87,826
1880.....	2,371,090	442,182	4,732,385	2,065,184	135,410	48,580
1881.....	1,116,561	269,395	4,983,722	878,842	115,638	65,285
1882.....	1,118,776	306,482	3,885,557	864,826	126,804	64,002
1883.....	1,379,000	372,326	4,422,461	1,191,974	72,507	132,496
1884.....	1,236,986	305,734	3,639,805	1,078,909	70,132	114,422
1885.....	1,063,310	273,905	4,105,594	918,352	59,847	118,203
1886.....	1,489,886	414,812	3,802,262	1,353,591	59,216	172,888
1887.....	1,552,764	394,971	3,847,766	1,449,984	48,133	157,530
1888.....	1,166,958	419,786	3,197,734	1,052,834	11,191	189,825

* Fiscal.

I.—STATEMENT showing the Quantity of Freight passed down the Welland Canal in Canadian and United States Vessels entering the Canal at Port Colborne during the Season of Navigation, in 1882, 1883, 1884, 1885, 1886, 1887 and 1888.

Articles.	Canadian Vessels.				United States Vessels.				Total.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	174	62,665	432	121,150	41	17,482	329	97,257	976	298,554
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	
1882.										
Wheat	60,535		46,201		5,203		87,213		199,152	
Corn	7,431		6,075		3,463		38,360		55,334	
Rye							1,954		1,954	
Coal	1,673		51,127		112		27,968		80,880	
Miscellaneous merchandise	2,939		3,744		1,553		2,605		10,841	
Lumber	1,021,957		1,943,568		3,969,790		17,327,483		24,261,798	
Timber	125,960		2,874,066				13,500		3,013,528	
Staves	59,600		1,065,233				104,000		1,228,833	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	180	68,850	468	130,844	111	68,609	417	127,616	1176	395,929
1883.										
	Tons		Tons.		Tons.		Tons.		Tons.	
Wheat	32,761		29,385		5,928		76,715		144,789	
Corn	25,651		21,073		36,146		99,272		182,142	
Barley							735		735	
Rye							518		518	
Oats					731				731	
Coal	8,398		48,329		835		40,388		97,950	
Miscellaneous merchandise	5,238		3,590		13,195		2,299		24,322	
Lumber	2,102,292		3,455,590		5,287,386		15,143,274		25,988,542	
Timber	83,700		3,514,944				70,500		3,689,144	
Staves	32,876		1,038,349				90,000		1,161,225	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	173	68,250	285	73,057	99	67,637	364	97,794	921	306,738
1884.										
	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat	38,859		11,618		5,461		75,474		131,412	
Corn	10,841		13,609		26,452		67,909		118,811	
Barley	90								90	
Rye	477								477	
Oats	872				7,963		1,911		10,746	
Coal	497		28,275		301		10,154		39,227	
Shingles, firewood and woodenware	548		2,538		49		30		3,165	
Miscellaneous merchandise	2,073		3,804		11,793		428		18,103	
Lumber	3,393,351		1,680,976		8,987,558		18,126,215		32,188,100	
Timber	437,356		2,107,780				159,647		2,704,783	
Staves			75,000		33,741		301,267		410,008	

I.—STATEMENTS showing the Quantity of Freight passed down the Well-land Canal in Canadian and United States Vessels, &c.—Continued.

Articles.	Canadian Vessels.				United States Vessels.				Total.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	199	67,461	347	80,828	81	35,613	350	106,873	977	290,775
Tons.		Tons.		Tons.		Tons.		Tons.		
1885.										
Wheat		26,025		3,153		6,882		72,478		108,538
Corn		16,046		2,462		20,589		78,439		117,536
Barley				228						228
Oats						217		665		882
Pease		11								11
Rye										
Coal		1,005		20,318				18,560		39,883
Miscellaneous merchandise		1,941		3,689		1,111		1,086		7,827
Shingles, woodenware, &c.		223		9		53		58		343
Sawed Lumber..Ft.B.M		7,725,105		8,681,081		9,381,654		20,935,270		46,723,110
Square Timber..Cub.Ft		601,516		2,849,526		20,692		113,682		3,585,416
Staves	No.	104,000		44,000		83,500				231,500
Firewood	Cords			783						783
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	261	95,928	426	123,297	118	86,937	358	108,344	1163	414,506
Tons.		Tons.		Tons.		Tons.		Tons.		
1886.										
Wheat		38,984		30,834		2,937		70,019		142,774
Corn		48,547		33,315		36,852		99,644		218,358
Barley								572		572
Oats		6		41		4,331		459		4,837
Pease		450		158						608
Rye										
Coal		4,007		45,018				11,647		60,672
Miscellaneous merchandise		2,926		6,728		23,687		281		33,622
Shingles, woodenware, &c.		329				252		215		1,152
Sawed Lumber..Ft.B.M		6,915,390		15,719,631		8,953,478		18,405,961		49,994,460
Square Timber..Cub.Ft		564,827		2,335,205				35,500		2,935,532
Staves	No.	221,280		697,933						919,213
Firewood	Cords			390						390

I.—STATEMENT showing the quantity of Freight passed down the Welland Canal, in Canadian and United States Vessels, &c.—*Concluded.*

Articles.	Canadian Vessels.				United States Vessels.				Total.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	Tons.		Tons.		Tons.		Tons.		Tons.	
1887.										
Wheat.....	80,757		81,652		200		46,186		208,796	
Corn.....	12,341		14,775		65,981		20,582		113,679	
Barley.....					9		575		584	
Oats.....			1,376		11,098		279		12,753	
Pease.....			362						362	
Rye.....										
Coal.....	1,436		25,165				2,108		28,709	
Miscellaneousmerchandise.....	2,179		4,609		24,395		415		31,598	
Shingles, Woodenware, &c.....	1,716		1,081		26				2,823	
Sawed Lumber..Ft. B.M.	2,894,767		12,329,728		4,161,349		15,091,355		34,477,199	
Square Timber..Cub. Ft.	498,770		1,285,594						1,784,364	
Staves..... No.	266,697		266,697						266,697	
Firewood..... Cords	299		466						765	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	242	86,838	339	93,450	114	104,505	219	60,500	914	345,293
	Tons.		Tons.		Tons.		Tons.		Tons.	
1888.										
Wheat.....	45,481		60,379		1,353		40,779		147,992	
Corn.....	38,620		14,251		71,988		71,175		198,024	
Barley.....										
Oats.....	672				24,967		1,311		26,950	
Pease.....			54		57				111	
Rye.....					71		632		703	
Coal.....	1,603		20,064				4,208		25,875	
Miscellaneousmerchandise.....	2,165		3,291		22,719		3,722		31,897	
Shingles, Woodenware, &c.....	66		84		141		6		297	
Sawed Lumber..Ft. B.M.	5,262,700		11,977,905		4,451,360		12,539,672		34,230,637	
Square Timber..Cub. Ft.	687,728		1,555,307		19,000				2,262,035	
Staves..... No.	106,972		211,436				34,000		352,408	
Firewood..... Cords	179		201						380	

J.—STATEMENT of Large Class of Vessels Lightened at Welland Railway Elevator at Port Colborne; showing the Tonnage, Dimensions, Depth of Water and Cargoes passed through the Enlarged Welland Canal during the Season of Navigation in 1888

CANADIAN SAILING VESSELS.

Date of Arrival.	Names of Vessels.	Registered Tonnage.			Dimensions.			Depth of Water on Arrival.			Original Cargo to Canal.				Lighterage over Welland Railway.							
		Tons.	Ft.	in.	Ft.	in.	Ft.	in.	Forward.	Aft.	Wheat.	Corn.	Oats.	Rolling Freight.	Wheat.	Corn.	Oats.	Wheat.	Corn.	Oats.	Rolling Freight.	
1888.		323	139	28	11	11	8	11	8	23,000					5,517							
Aug. 3...	J. R. Benson.....																					

UNITED STATES STEAM VESSELS.

May 7...	Releigh.....	1,165	227	34	15	15	15	15	4															
do 7...	Hiawatha.....	1,160	234	36	19	13	2	14	4															
do 7...	W. A. Haskill.....	1,441	265	37	16	6	13	8	14															
do 30...	Mont Eagle.....	1,035	237	33	19	8	14	7	14															
do 30...	W. J. Averill.....	1,425	265	36	7	16	5	14	4															
do 30...	W. J. Averill.....	1,105	227	34	15	14	2	14	6															
June 5...	Releigh.....	1,425	265	36	7	16	5	14	4															
do 16...	W. J. Averill.....	1,441	265	37	16	6	14	10	15															
do 18...	W. A. Haskill.....	1,441	265	37	16	6	13	9	14															
do 18...	W. A. Haskill.....	1,441	265	37	16	6	13	9	14															
July 6...	W. A. Haskill.....	1,441	265	37	16	6	13	9	14															
do 27...	W. J. Averill.....	1,425	265	36	7	16	5	14	9															
do 27...	W. A. Haskill.....	1,441	265	37	16	6	14	7	15															
do 15...	W. J. Averill.....	1,425	265	36	7	16	5	15	3															
do 18...	W. A. Haskill.....	1,441	265	37	16	6	14	7	15															
do 3...	W. J. Averill.....	1,425	265	36	7	16	5	15	1															
do 8...	W. A. Haskill.....	1,441	265	37	16	6	13	9	15															
do 22...	W. J. Averill.....	1,425	265	36	6	16	5	14	3															

Oct. 13...	W. J. Averill.....	1,425	205	36 C	18 5	14 9	15 4	.....	44,133	38,701	1	.....	6,370	5,152	179	89
do 18...	W. A. Haakill.....	1,441	265	37	16 6	14 5	15 3	.....	59,212	.....	153	.....	6,767	.....	190	.....
Nov. 6...	W. J. Averill.....	1,425	295	30 6	16 5	14 6	15 2	.....	43,417	21,805	212	.....	8,480	.....	271	.....
do 12...	W. A. Haakill.....	1,441	285	37	16 6	14	15 3	.....	67,000	.....	173	.....	5,646	.....	168	.....
do 21...	Mont Eagle.....	1,035	237	35	19 8	15	14 10	.....	64,650	.....	.....	.....	7,275	.....	204	.....
do 26...	Argonaut.....	985	213	35 2	.....	14 5	15 6	.....	51,000	.....	.....	.....	7,857	.....	220	.....
	Average.....	1,330	255	36 3	16 9	14 4	15	50,000	47,438	34,709	301	5,924	6,284	3,519	178	176	57

UNITED STATES SAILING VESSELS.

May 7...	Jas. Couch.....	802	223	34	14	15	15	56,323	7,334	206
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J.—STATEMENT of Large Class of Vessels Lightened at Welland Railway Elevator at Port Colborne, &c.—Concluded
 CANADIAN SAILING VESSELS.

Date of Arrival.	Names of Vessels.	Grain Cargo and Rolling Freight through Welland Canal.						Total Cargo through Canal.	Depth of water through Canals.	Midships.	Destination.		Cost of Lighterage per Bushel.	Time occupied in Lighterage.
		Wheat.	Corn.	Oats.	Wheat.	Tons.	Bush.				From	To			Cents.	H. M.
1888.														
Aug. 3...	J. R. Benson.....	Bush.	Bush.	Bush.	Tons.	Tons.	Tons.	525	9	11	Duluth.....	St. Catharines...	2	2
		17,483												

UNITED STATES STEAM VESSELS.

Date	Name	Wheat	Corn	Oats	Wheat	Tons	Tons	Tons	Tons	Depth	Midships	Destination	Lighterage	Time
May 7...	Raleigh.....	46,176				1,293				13	10	Chicago.....	2	5
do 7...	Hiawatha.....	52,980				1,484				13	9	do	1	1
do 7...	W. A. Haskill ..	53,109				1,488				13	10	do	1	30
do 30...	Mont Eagle.....	44,076			1,323	1,323				13	11	Duluth.....	2	2
do 30...	W. J. Averill ..	12,822		48,991		360	784	324		13	11	Duluth.....	2	1
June 5...	Raleigh.....	46,128				1,292				13	10	Chicago...	2	2
do 16...	W. J. Averill ..	30,162		19,028		845	305	419		13	10	do	2	3
do 18...	W. A. Haskill ..	12,934		58,085		363	930	312		13	10	do	2	15
July 5...	W. A. Haskill ..	49,090				1,375				14	10	do	2	5
do 27...	W. A. Haskill ..	45,876				1,688		403		13	9	do	2	45
Aug. 15...	W. J. Averill ..	41,262				1,556		431		13	10	Ogdensburg...	2	2
do 18...	W. A. Haskill ..	43,368				1,215		381		13	9	do	2	3
Sept. 3...	W. J. Averill ..	45,005				1,261		360		13	11	do	2	2
do 8...	W. A. Haskill ..	45,845				1,284		371		14		do	2	30
do 22...	W. J. Averill ..	31,278		16,242		876	260	458		13	9	do	2	45

Oct. 13...	W. J. Averill.....	37,763	33,549	1,058	537	1	1,506	13	10	do	.....	do	.....	2	5	45
do 18...	W. A. Haskill.....	52,455	.....	1,469	.....	158	1,627	13	11	do	.....	do	.....	2	3	05
Nov. 5...	W. J. Averill.....	34,957	21,805	979	349	212	1,540	13	9	do	.....	do	.....	2	5	45
do 12...	W. A. Haskill.....	51,354	.....	1,438	.....	173	1,611	13	11	do	.....	do	.....	2	4	45
do 21...	Mont Eagle.....	47,375	.....	1,327	.....	.....	1,327	13	11	do	.....	do	.....	2	5	10
do 26...	Argonaut.....	43,143	.....	1,209	.....	.....	1,209	13	6	do	.....	do	.....	2	6	25
	Average.....	44,076	32,950	1,323	527	301	1,526	13	10	.....	.....	.....	.....	143	3	35

UNITED STATES SAILING VESSELS.

May 7...	Jas. Couch.....	48,989	1,372	1,372	13	9	Chicago.....	Ogdensburg.....	2	8
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K.—STATEMENT showing the Quantity of Freight passed Eastward, from Lake Erie, through the whole length of the Welland and St. Lawrence Canals, to Montreal, during the seasons of Navigation in 1881, 1882, 1883, 1884, 1885, 1886, 1887 and 1888.

Articles.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>								
Iron, pig.....	858	459						
do all other.....		9	5		7	15		418
Stone for cutting.....	233	2						
Apples.....		1			513	49	33	
Barley.....		259		38				
Corn.....	69,066	17,474	109,197	55,552	44,401	116,517	24,669	66,443
Flour.....	4,476	5,920	5,089	9,659	2,874	2,934	6,140	3,865
Meal, all kinds.....			1,188		16	125	87	100
Oats.....				872				
Peas.....			726	433	11	608	362	
Rye.....		1,269	518	477				
Seeds, all kinds.....		37	2		42	33		12
Tobacco, raw.....		1				25		
Wheat.....	77,061	161,692	76,379	84,822	52,157	86,815	160,063	93,915
All other agricultural products, vegetable.....		1			1		17	
Hides, skins, horns and hoofs.....			77					
Horses.....		1			2	1	1	2
Lard and lard oil.....	361	206	6			22		54
Pork.....	5,141	278	212	318	30	936	418	265
All other agricultural products, animal.....					4	68	29	39
Total, Class 3.....	157,196	187,609	193,393	152,171	100,058	208,148	191,759	165,113
<i>Class 4.</i>								
Ashes.....	13	10	3	36	97	44	113	85
Furniture.....	4	12	6	10	5	6	9	2
Glass, all kinds.....	47	6	1					3
Molasses.....		18	43			28		
Nails.....				1			1	
Oil.....		425		78	7	6	14	
Paint.....		4				1		
Pitch and tar.....		1						
Sugar.....			2					15
Stone, wrought.....	291	484	269	317				12
Turpentine.....		2		1				
Whiskey, beer and all other spirits.....		25	35			8		3
Merchandise not enumerated.....	60	105	53	37	29	100	72	105
Total, Class 4.....	415	1,092	412	480	138	193	236	198
<i>Class 5.</i>								
Barrels, empty.....	1	3		37	128	6	88	40
Saved lumber.....	2,849	3,639	6,311	7,531	19,945	18,707	7,001	5,175
Staves, pipe and barrel.....	1,001	2,359	2,024	200	856	332	184	139
do West India.....	1,198	1,130	451	863		287	131	1,623
Timber, square, in vessels.....	3,227	1,574	290		639	1,330		
do rafts.....	3,250	1,149	2,314	7,385	11,128	15,410	14,390	11,586
Woodenware.....	76	205	199	68	76	101	45	25
Total, Class 5.....	11,602	10,059	11,589	16,064	32,772	36,173	21,839	18,588
<i>Special Class.</i>								
Coal.....		75						
Grand Total.....	169,213	198,835	205,394	168,715	132,968	244,514	213,834	183,899

L.—STATEMENT showing the Quantity of Freight passed Westward from Montreal, through the whole length of the St. Lawrence and Welland Canals to Lake Erie during the Seasons of Navigation in 1881, 1882, 1883, 1884, 1885, 1886, 1887 and 1888.

Articles.	1881	1882.	1883.	1884.	1885.	1886.	1887.	1888.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3</i>								
Bricks.....	81	96	78	200	44	66	3	187
Cement and water lime.....	38	533	508	219	117	498	1,740	1,177
Clay, lime and sand.....	121	56	56			1	134	95
Fish.....	18	406				1	95	1
Gypsum.....					13			
Iron, Railway.....	16,476	11,246	8,725	2,031	12,356	6,629	153	9,148
do Pig.....	8,131	3,575	2,460	43	23	10	368	573
do all other.....	900	686	528	366	290	76	1,997	297
Salt.....	5,175	1,820	5,324	802	1,574	5,609	4,197	3,599
Stone for cutting.....	5				7			
Flour.....			21					
Meals.....			5					31
Oats.....			264					
Potatoes.....	359	23					4	
Seeds, all kinds.....	65	14						24
Agricultural Products not enumerated, vegetables.....	2		25	1	1			35
Horses.....		2						
Lard and lard oil.....					3		3	
Pork.....				45				
Wool.....		3					4	
All other articles not enumerated.....						6	4	77
Total Class 3.....	31,371	18,460	17,994	3,707	14,428	12,896	8,702	15,244
<i>Class 4.</i>								
Ashes, pot and pearl.....					226	20		
Crockery and earthenware.....	24	116	137	47	10	40	164	336
Dye woods &c.....			2			1	4	
Furniture.....	3	4	4	1		9	1	1
Glass, all kinds.....	97	359	156	160	32	39	53	77
Manilla.....		5	5	17		7	5	1
Molasses.....	14	58	3			23	1	7
Nails.....	258	576	1,085	160	205	389	147	578
Oil in barrels.....	54	119	122	80	10	82	28	22
Paint.....	47	124	103	161	24	36	80	59
Pitch and tar.....	1		50	1		5	1	
Rosin.....		11	21					
Soda, ash.....	3,177	1,040	1,801	1,427	164	975	1,116	1,196
Steel.....	29		3	142		1	423	3
Stone wrought.....			2					
Sugar.....	5	465	375	290	64	316	207	98
Tin.....	959	641	1,669	1,832	10	549	2,225	198
Turpentine.....			1	1		1	1	1
White lead.....		14		3		3	4	2
Whiting.....	10	5	19		9		7	
Whiskey beer, &c.....	91	564	791	364	259	174	287	228
Merchandise not enumerated.....	984	1,992	2,608	1,001	712	1,008	619	1,259
Total Class 4.....	5,753	6,093	8,957	5,687	1,725	3,678	5,373	4,066
<i>Class 5.</i>								
Barrels, empty.....	40	130	179			227		
Lumber, sawn, in vessels.....		175	318					
Woodenware.....	26	23		3	2			
Total Class 5.....	66	328	497	3	2	227		
<i>Special Class.</i>								
Coal.....			40	28				
Grand Total.....	37,190	24,881	27,488	9,425	16,155	16,801	14,075	19,310

M.—STATEMENT showing the Quantity of Freight passed Eastward through the Welland Canal, from United States Ports to United States Ports, during the Seasons of Navigation in 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887 and 1888.

Articles.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>									
Bricks.....	22		3				41		
Cement and water lime			2				31		4
Fish.....				1				2	
Iron, Railway.....				142					
do all other.....		79	114	90	40		45		
Salt.....				8			1		
Stone for cutting.....	258			38	15				
Apples.....		1	8						
Barley.....			537	735				1,709	2
Corn.....	16,122	30,031	32,433	66,128	53,707	63,229	93,503	83,431	102,974
Flour.....			107	2,041	1,715	124	7,591	11,780	8,563
Hay, pressed.....					13				
Meal, all kinds.....			5	8,579	8,170		13,201	10,726	11,598
Oil cake.....				1					
Oats.....	296			731	9,874	882	4,790	12,050	26,510
Potatoes.....			1						
Rye.....			684						179
Seeds, all kinds.....		16		662	511		236	44	48
Wheat.....	30,611	34,320	30,227	54,282	40,056	53,235	53,258	37,678	39,999
Agricultural products, vegetable.....			5	3			2	2	
Hides and skins, &c.....				60	73		414	170	39
Horses.....			1	6	6		1	2	
Lard and lard oil.....				5	7		13	14	19
Meats, other than pork.....			1	12	4		1	18	14
Pork.....			1	163			106	108	19
Sheep.....					1				
Wool.....				95			1,125	86	18
Total, Class 3.....	47,309	64,447	64,129	133,782	115,092	117,470	174,359	157,820	189,986
<i>Class 4.</i>									
Agricultural implements.....		3		1				9	
Crockery and earthenware.....		4	1	1					1
Furniture.....			15	25	16		21	24	30
Glass, all kinds.....			66		1		2		
Nails.....		102	7	51	26		4		
Oil, in barrels.....			995	206	255		6	8	
Paint.....			3	6					
Soda, ash.....			7						
Steel.....			1						3
Stone, wrought.....	192	29	33	87	7		38		
White lead.....		2	6	5					
Whiskey, beer and all other spirits.....	14		12	156	26		21	63	151
Merchandise, not enumerated..	1	49	91	941	481	2	824	469	1,453
Total, Class 4.....	207	189	1,237	1,479	812	2	916	573	1,638
<i>Class 5.</i>									
Lumber, sawn, in vessels.....	33,555	30,462	34,182	34,189	43,713	44,668	43,776	29,845	28,333
Hoops.....				26					
Shingles.....	9		9	9	76	111	463		6
Staves, barrel.....				25					82
Woodenware, &c.....	1	4	43	30	11		2	26	141
Total, Class 5.....	33,565	30,466	34,234	34,279	43,800	44,779	44,241	29,871	28,562
<i>Special Class.</i>									
Coal.....	871	1,164	10,686	5,372	4,293	4,974	5,400	1,163	878
Grand Total.....	81,952	96,266	110,286	74,912	163,997	167,225	224,916	189,427	221,064

N. & Q. STATEMENT showing the Number of Vessels and their Cargoes of Wheat, from Ports west of Port Colborne to Montreal; the quantity transhipped at Kingston, and the quantity of each cargo through the St. Lawrence Canals, during the Season of Navigation in 1888.

Names of Vessels.	Original Cargo through the Welland Canal.	Quantity transhipped at Kingston.	Cargo through the St. Lawrence Canals.
	Tons.	Tons.	Tons.
Canadian Steamer Acadia.....	532	.....	532
do do	600	117	48
do Alma Munroe.....	583	261	322
do Canada.....	555	231	324
do do	555	216	339
do do	555	227	328
do do	555	217	338
do do	555	214	341
do do	529	250	279
do Celtic.....	519	219	300
do do	517	217	300
do Cuba	582	227	355
do do	588	217	371
do Lake Michigan.....	540	210	330
do do	534	204	330
do do	497	228	269
do Lake Ontario	517	246	271
Canadian Sailing Vessel , Brandon.....	1,145	297	848
do do John Gaskin.....	1,112	435	677
Total	11,570	4,233	7,337
Number of cargoes of wheat.....			19
Quantity through Welland Canal to Kingston.....			11,570 tons.
do transhipped at Kingston.....			4,233 do
do of wheat taken to Montreal in vessels in which it arrived at Kingston.....			7,337 do

N. & Q.—STATEMENT showing the Number of Vessels and their Cargoes of Corn, from ports west of Port Colborne to Montreal; the Quantity transhipped at Kingston, and the Quantity of each Cargo, through the St. Lawrence Canals, during the Season of Navigation in 1888.

Names of Vessels.	Original Cargo through the Welland Canal.	Quantity transhipped at Kingston.	Cargo through the St. Lawrence Canals.
	Tons.	Tons.	Tons.
Canadian Steamer Acadia	532		532
do do	561	168	393
do do	588	140	448
do do	560	112	448
do do	622	121	501
do do	588	152	436
do do	616	140	476
do Canada	532	210	322
do do	532	196	336
do Cuba	672	250	422
do do	681	265	416
do do	623	257	366
do do	644	210	434
do do	562	200	362
do Alma Munroe	686	263	423
do do	652	246	406
do do	658	235	423
do do	560	214	346
do do	563	202	361
do do	644	244	400
do Lake Michigan	503	182	321
do do	499	177	322
Total	13,078	4,184	8,894

Number of Cargoes of Corn		22
Quantity through Welland Canal to Kingston	Tons.	13,078
do transhipped at Kingston	do	4,184
do of Corn taken to Montreal in Vessels in which it arrived at Kingston	do	8,894

RECAPITULATION—1888.

	No. of Cargoes.	Total No.
Wheat.....	19	
Corn.....	22	
Total.....		41
	Tons.	Tons.
Quantity of Wheat through the Welland Canal, in vessels bound to Montreal..	11,570	
Quantity of Corn do do do do	13,078	
Total through the Welland Canal.....		24,648
Quantity of the above cargoes transhipped at Kingston, viz. :—		
Wheat.....	4,233	
Corn.....	4,184	
Total transhipped.....		8,417
Quantity of the above cargoes taken to Montreal in Canadian vessels in which it arrived at Kingston, viz. :—		
Wheat.....	7,337	
Corn.....	8,894	
Total quantity to Montreal in Canadian vessels in which it arrived at Kingston.....		16,231

Q. & R. STATEMENT Showing the Quantity of Grain passed down the Welland Canal to Kingston, in Canadian and United States Vessels, entering the Canal at Port Colborne, during the Season of Navigation in 1888.

Articles.	Canadian Vessels.				United States Vessels.				Total.	
	Steam.		Sail.		S'eam.		Sail.		Steam & Sail.	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	104	56,018	78	29,384	5	4,728	55	18,270	242	108,400
		Tons.		Tons.		Tons.		Tons.		Tons.
Corn.....		36,896		10,634		4,844		33,708		86,082
Pease.....										
Wheat.....		43,781		51,714		1,323		3,792		100,610
Total.....		80,677		62,348		6,167		37,500		186,692

104 Cargoes in Canadian Steam Vessels, total quantity..... 80,677 tons.
 78 do do Sailing do do 62,348 do
 5 do United States Steam Vessels do 6,167 do
 55 do do Sailing do do 37,500 do

P. & S.—TOTAL QUANTITY of grain arrived at Kingston in vessels which passed down the Welland Canal, during the Season of 1888.

Summary.	Tons.	Total Tons.
Canadian steam vessels, 104 cargoes of grain.....	80,677	
do sail do 78 do	62,348	
Total in Canadian vessels.....		143,025
United States steam vessels, 5 cargoes of grain.....	6,167	
do sail do 55 do	37,500	
Total in United States vessels.....		43,667
Total in Canadian and United States vessels.....		186,692
Distributed as follows:—		
2 cargoes taken to Montreal in Canadian vessels without breaking bulk, with an aggregate quantity of.....		1,064
39 cargoes arrived at Kingston in Canadian vessels, with an aggregate of.....	23,584	
Transhipped.....	8,417	
Quantity taken to Montreal in vessels in which it arrived at Kingston.....		15,167
Vessels arrived at Kingston and discharged all of their cargoes, as follows:—		
141 cargoes in Canadian vessels.....	118,377	
60 do United States vessels.....	43,667	
Aggregate quantity discharged.....	162,044	
Transhipped in Canadian vessels.....	135,710	
* Quantity remaining at Kingston.....		26,334
Total quantity transhipped.....		144,127
Total.....		186,692

* 14,921 tons were transferred to cars and taken to Montreal by rail, on account of break in Cornwall Canal, which would make quantity remaining at Kingston, 11,413 tons.

T.—COMPARATIVE STATEMENT of the Quantity of Grain passed down the Welland Canal to Kingston, for the Seasons of 1887 and 1888

	1887.		1888.	
	No. of Cargoes.	Tons.	No. of Cargoes.	Tons.
Quantity arrived at Kingston in Canadian vessels.....	284	178,233	182	143,025
do do United States vessels.....	19	12,477	60	43,667
Total.....	303	190,710	242	186,692
Quantity transhipped at Kingston in Canadian vessels for Montreal.....		157,831		144,127
Quantity taken to Montreal in vessels in which it arrived at Kingston.....		27,203		16,231
Quantity remaining at Kingston.....		5,676		26,334
Total.....		190,710		186,692

2 vessels took their cargoes through to Montreal intact in 1888, against 4 in 1887.
 39 vessels lightened their cargoes at Kingston in 1888, against 60 in 1887.
 201 vessels discharged the whole of their cargoes at Kingston in 1888, against 244 in 1887.

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, showing the quantity to Montreal, the quantity to Canadian Ports between Port Dalhousie and Cornwall, and the quantity to United States Ports, Oswego, Ogdensburg, &c., on the south side of Lake Ontario, for the Years 1883 to 1888, inclusive.

Articles.	Quantity passed down to Mon- treal.	Quantity passed down to Can- adian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
	Tons.	Tons.	Tons.
1883.			
Ashes, pot and pearl.....	3	2	.....
Agricultural products, not enumerated, vegetable.....	.....	3	3
do do animal.....	.....	6	.....
Agricultural implements.....	.....	.....	1
Barley.....	.....	.....	735
Coal.....	.....	89,344	5,372
Corn.....	109,191	6,815	66,128
Crockery and earthenware.....	.....	.....	1
Fish.....	.....	.....	1
Flour.....	5,089	.....	2,041
Furniture.....	6	8	25
Glass.....	1	9	.....
Horses.....	.....	.....	6
Hides and skins.....	77	26	60
Iron, railway.....	.....	.....	142
do all other.....	5	39	90
Lard and lard oil.....	6	1	5
Meals, all kinds.....	1,188	138	8,579
Meats, other than pork.....	.....	2	12
Manilla.....	.....	.....	4
Molasses.....	43	4	1
Nails.....	.....	.....	51
Oats.....	.....	.....	731
Oil, in barrels.....	.....	300	206
Oil cake.....	.....	.....	1
Pease.....	726	.....	.....
Pork.....	212	13	163
Paint.....	.....	.....	6
Rags.....	.....	.....	271
Rye.....	518	.....	.....
Salt.....	.....	.....	8
Stone, intended for cutting.....	.....	2,584	38
do wrought.....	269	353	87
Seeds, all kinds.....	2	.....	662
Steel.....	1	.....	.....
Sugar.....	2	.....	.....
Spirits, beer, &c.....	35	98	156
Tobacco, raw.....	.....	5	.....
Tallow.....	.....	2	.....
Wheat.....	76,379	3,835	54,282
White lead.....	.....	.....	5
Wool.....	.....	.....	95
All other merchandise, not enumerated.....	52	109	665
Barrels, empty.....	.....	4	.....
Firewood, in vessels.....	.....	930	.....
Hoops.....	.....	.....	26
Lumber, sawn, in vessels.....	6,311	792	34,732
Staves and headings, barrel.....	.....	31	.....
do pipe.....	2,024	2,738	.....
do West India.....	451	1,946	.....
Staves, salt barrel.....	.....	.....	25
Shingles.....	.....	.....	9
Split post and fence rails, in vessels.....	.....	1	.....
Timber, square.....	2,604	74,329	.....
Woodenware and wood, partly manufactured.....	199	35	30
Total.....	205,394	184,502	176,455

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Mon- treal.	Quantity passed down to Can- adian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
	Tons.	Tons.	Tons.
1884.			
Ashes, pot and pearl.....	36	10	.....
Agricultural products, not enumerated, vegetable.....	.....	7	.....
do do animal.....	.....	2	.....
Agricultural implements.....	.....	9	.....
Barley.....	38	52	.....
Coal.....	.....	32,598	4,293
Corn.....	55,552	9,552	53,707
Cattle.....	.....	1	.....
Fish.....	.....	13	.....
Flour.....	9,659	.....	1,715
Furniture.....	10	17	16
Glass, all kinds.....	.....	10	1
Hay, pressed.....	.....	.....	13
Horses.....	.....	2	6
Hides, horns and hoofs.....	.....	.....	73
Iron, all other.....	.....	8	40
Kryolite and chemical ore, and other ore, except iron.....	.....	10	.....
Lard and lard oil.....	.....	2	7
Meals, all kinds.....	.....	5	8,170
Meats, other than pork.....	.....	28	4
Marble.....	.....	.....	1
Nails.....	1	.....	26
Oats.....	872	.....	9,874
Oil, in barrels.....	78	354	255
Pease.....	433	.....	.....
Pork.....	318	.....	.....
Rye.....	477	.....	.....
Salt.....	.....	364	.....
Stone, intended for cutting.....	.....	2,059	15
do wrought.....	317	190	7
Seeds all kinds.....	.....	111	511
Sheep.....	.....	.....	1
Spirits, beer, &c.....	.....	11	26
Turpentine.....	1	.....	.....
Wheat.....	84,822	2,549	40,975
All other goods and merchandise not enumerated.....	37	104	450
Barrels, Empty.....	37	3	1
Firewood, in vessels.....	.....	930	.....
Lumber, sawn do.....	7,531	85	45,230
Staves and headings, barrel.....	.....	22	.....
do pipe.....	200	487	.....
do West India.....	863	406	.....
Shingles.....	.....	7	76
Timber, square.....	7,365	50,414	.....
Woodenware and wood, partly manufactured.....	68	3	11
Total.....	168,715	100,425	165,548

A refund of 10 cents per ton was allowed on wheat, corn, oats, barley and rye passed down to Montreal, per O.G., 26th May, 1884.

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, &c.— *Continued.*

Articles.	Quantity passed down to Mon- treal.	Quantity passed down to Can- adian Ports between Port Dulhuais and Corwall.	Quantity passed down to United States Ports.
	Tons.	Tons.	Tons.
1885.			
Ashes, pot and pearl.....	97		
Apples.....	513		
Agricultural products not enumerated, vegetable	1		
do do animal.....	2		
Barley			228
Coal		31,350	4,974
Corn.....	44,401	9,906	63,229
Crockery and earthenware.....	1		
Flour	2,874		124
Furniture.....	5	11	
Horses	2	1	
Iron, pig		100	
do all other	7		
Iron ore			987
Lard and lard oil		2	
Meals, all kinds	16		
Oats.....			882
Oil, in barrels.....	7	568	
Pease	11		
Paint		68	
Pease	30		
Salt		407	
Stone, for cutting		3,749	
do wrought		8	
Seeds, all kinds	42	10	
Spirits, beer, &c.		25	
Tallow	2	4	
Wheat	52,157	2,003	53,235
All other merchandise not enumerated.....	28	8	2
Barrels, empty	128	8	
Firewood, in vessels.....		540	
Lumber, sawn.....	19,945	6,774	49,561
Staves and headings	856	604	
Shingles.....			111
Timber, square	11,767	69,616	
Woodenware.....	76		
Total	132,968	125,762	173,333

A refund of 10 cents per ton was allowed on wheat, corn, oats, pease, barley and rye passed down to Montreal, per O. C. 17th June, 1885, and a refund of 18 cents per ton from 1st July, 1885, per O. C. 4th July, 1885.

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Mont- real.	Quantity passed down to On- tario Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
	Tons.	Tons.	Tons.
1886.			
Ashes, pot and pearl.....	44	10	11
Apples.....	49		
Agricultural products, not enumerated vegetable.....		1	1
Bricks.....			41
Cement and water lime.....			26
Coal.....		49,724	5,400
Corn.....	116,517	8,871	93,503
Flour.....	2,934		7,591
Furniture.....	6	15	21
Glass, all kinds.....			2
Horses.....	1		1
Hides and skins, &c.....			414
Iron, pig.....		617	43
do all other.....	15	12	1
Lard and lard oil.....	22	9	13
Meals all kinds.....	125	18	13,201
Meats other than pork.....	67	64	1
Marble.....		2	
Molasses.....	28	7	
Nails.....			4
Oats.....		41	4,790
Oil.....	6	28	6
Pease.....	608		
Pork.....	936	407	106
Paint.....	1	1	
Rags.....			13
Salt.....		29	1
Stone for cutting.....		4,314	
do wrought.....		103	38
Seed; all kinds.....	33	3	236
Sugar.....			3
Spirits, beer, &c.....	8	12	21
Tobacco, raw.....	25		
Tallow.....	1	2	1
Wheat.....	86,815	969	63,258
Wool.....			1,125
Merchandise not enumerated.....	100	46	793
Barrels, empty.....	6	2	
Floats.....		20	
Lumber, sawn, in vessels.....	18,707	7,546	53,124
Masts, spars, &c.....		22	
Staves and headings, barrel.....		57	
do do pipe.....	332	339	
do do West India.....	287	444	
Shingles.....		12	463
Timber, square.....	16,740	44,335	
Woodenware, &c.....	101	45	2
Total.....	244,514	118,127	234,254

A refund of 18 cents per ton was allowed on wheat, corn, oats, pease, barley and rye, passed down to Montreal, per O. C. 21st April, 1886.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c —Continued.

Articles.	Quantity passed down to Mon- treal.	Quantity passed down to Can- adian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
	Tons.	Tons.	Tons.
1887.			
Ashes, pot and pearl.....	113		
Apples.....	33		
Agricultural Products not enumerated, vegetable.....			2
Agricultural Implements.....			9
Barley.....			1,709
Coal.....		25,968	1,163
Corn.....	24,609	6,898	83,431
Fish.....			2
Flour.....	6,140		11,780
Furniture.....	9	9	24
Horses.....	1	1	2
Hides, skins, &c.....			170
Iron, pig.....		1,137	
do all other.....		7	
Lard and lard oil.....		6	14
Meal, all kinds.....	87	42	10,726
Meats, other than pork.....	29	15	18
Nails.....	1		
Oats.....			12,050
Oil.....	14	190	8
Oil cake.....	17		
Pease.....	362		
Pork.....	418	86	108
Stone, for cutting.....		3,531	
do wrought.....	12	543	
Seeds.....		4	44
Sugar.....	15		1
Spirits.....		99	63
Wheat.....	160,063	4,940	37,678
Wool.....			86
All other merchandise not enumerated.....	72	123	468
Barrels, empty.....	88		24
Lumber, sawn.....	7,001	1,816	44,733
Staves and headings, barrel.....		27	
do pipe.....	184		
do West India.....	131	838	
Timber, square.....	14,390	21,351	
Woodenware and wood partly manufactured.....	45	1	2
Total.....	213,834	67,632	204,315

A refund of 18 cents per ton was allowed on wheat, corn, pease, barley and rye, passed down to Montreal, per Order in Council, 28th March, 1887.

U.—COMPARTATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Mon- treal.	Quantity passed down to Can- adian Ports, between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
	Tons.	Tons.	Tons.
1888.			
Ashes, pot and pearl.....	85		
Apples.....		45	
Barley.....			2
Cement and water lime.....			4
Coal.....		27,183	878
Corn.....	66,443	25,469	102,974
Crockery and earthenware.....		4	1
Flour.....	3,865		8,563
Furniture.....	2	1	30
Glass, all kinds.....	3	2	
Hay (pressed).....		20	
Horses.....	2		
Hides and skins.....			39
Iron, pig.....		549	
do all other.....	418	490	
Lard and lard oil.....	54	12	18
Meals, all kinds.....	100		11,598
Meats, other than pork.....	39	6	14
Oats.....			26,510
Oil.....		3	
Pease.....		54	
Pork.....	265	61	19
Rags.....			14
Rye.....		632	179
Stone (for cutting).....		6,535	
do wrought.....		126	
Seeds, all kinds.....	12	1	43
Steel.....			3
Sugar.....		2	4
Spirits.....	3	2	151
Tallow.....			1
Wheat.....	93,915	14,365	39,999
Wool.....			18
All other goods and merchandise not enumerated.....	105	34	1,435
Barrels (empty).....	40		133
Lumber, sawn.....	5,174	4,515	45,818
Staves and headings, barrel.....	15	7	
do pipe.....	124		
do West Indies.....	1,623	13	
do salt barrel.....	1	1	
Shingles.....			6
Timber square (in vessels).....	11,586	33,669	
Woodenware.....	25		8
Total.....	183,899	113,801	238,467

A refund of 18c. per ton was allowed on wheat, corn, pease, barley and rye passed down to Montreal, per O.C., 20th April, 1888.

STATEMENT showing the quantity of freight passed down the Welland Canal to Canadian Ports, &c.—Continued.

RECAPITULATION.

Articles.	Quantity passed to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the South side of Lake Ontario.
	Tons.	Tons.	Tons.
1883.			
Barley.....			735
Corn.....	109,191	6,815	66,128
Oats.....			731
Rye.....	518		
Wheat.....	76,379	3,835	54,282
Total Grain.....	186,088	10,650	121,876
Other Articles.....	19,306	173,852	53,579
Total.....	205,394	184,502	175,455
1884.			
Barley.....	38	52	
Corn.....	55,552	9,552	53,707
Oats.....	872		9,874
Rye.....	477		
Wheat.....	84,822	2,549	40,973
Total Grain.....	141,761	12,153	104,556
Other Articles.....	26,954	88,272	60,987
Total.....	168,715	100,425	165,543
1885.			
Barley.....			228
Corn.....	44,401	9,906	63,229
Oats.....			882
Pease.....	11		
Rye.....			
Wheat.....	52,157	2,003	53,235
Total Grain.....	96,569	11,909	117,574
Other Articles.....	36,399	113,853	55,759
Total.....	132,968	125,762	173,333
1886.			
Barley.....			
Corn.....	116,517	8,871	93,503
Oats.....		41	4,790
Pease.....	608		
Rye.....			
Wheat.....	86,815	969	53,258
Total Grain.....	203,940	9,881	151,551
Other Articles.....	40,574	108,246	82,703
Total.....	244,514	118,127	234,254

STATEMENT showing the quantity of freight passed down the Welland Canal to Canadian Ports, &c.—*Concluded.*

RECAPITULATION.

Articles.	Quantity passed to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the South side of Lake Ontario.
1887.	Tons.	Tons.	Tons.
Barley.....			1,709
Corn.....	24,609	6,898	83,431
*Oats.....			12,050
Pease.....	362		
Rye.....			
Wheat.....	160,063	4,940	37,678
Total Grain.....	185,034	11,838	134,868
Other Articles.....	28,800	55,794	69,447
Total.....	213,834	67,632	204,315
1888.			
Barley.....			2
Corn.....	66,443	25,469	102,974
Oats.....			26,510
Pease.....		54	
Rye.....		632	178
Wheat.....	93,915	14,365	39,999
Total Grain.....	160,358	40,520	169,664
Other Articles.....	23,541	73,281	68,803
Total.....	183,899	113,801	238,467

* There was no refund allowed on Oats for 1887 and 1888.

† Owing to a break in the Cornwall Canal, 14,921 tons of the above quantity of grain was transhipped to Montreal *via* Canadian Pacific and Grand Trunk Railways, and the refund of 18 cts. per ton allowed.

V.—SUMMARY of Quantity of Freight passed down Welland Canal or which full Tolls were paid.

	Quantity passed down to Canadian Ports : Toronto, Hamilton, Kingston, Cornwall, &c.	Quantity passed down to United States Ports: Oswego, Ogdensburg, &c., on south side of Lake Ontario.
	Tons.	Tons.
1883.		
Grain.....	10,650	121,876
Other Articles.....	173,852	53,579
Total.....	184,502	175,455
1884.		
Grain.....	12,153	104,556
Other Articles.....	88,272	60,987
Total.....	100,425	165,543
1885.		
Grain.....	11,909	117,574
Other Articles.....	113,853	55,759
Total.....	125,762	173,333
1886.		
Grain.....	9,881	151,551
Other Articles.....	108,246	82,703
Total.....	118,127	234,254
1887.		
Grain.....	11,838	134,868
Other Articles.....	55,794	69,447
Total.....	67,632	204,315
1888.		
Grain.....	25,599	169,664
Other Articles.....	73,281	68,903
Total.....	98,880	238,467

CANAL
COMPARATIVE STATEMENT for Years

	January.	February.	March.	April.	May.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Welland Canal, 1887				171 78	22,230 91
do 1888.....				2,985 47	23,903 01
Increase.....				2,813 69	1,672 10
Decrease.....					
St. Lawrence Canals, 1887					9,109 67
do 1888.....				4 00	7,463 51
Increase.....				4 00	
Decrease.....					1,646 16
Chambly, Canal, 1887					2,474 63
do 1888.....				2 65	2,726 86
Increase.....				2 65	252 23
Decrease.....					
Rideau Canal, 1887					782 47
do 1888.....					746 50
Increase.....					
Decrease.....					35 97
Ottawa Canals, 1887					8,318 29
do 1888.....					8,902 90
Increase.....					584 61
Decrease.....					
St. Peter's Canal, 1887	5 40			6 10	191 26
do 1888.....	2 69			1 84	399 77
Increase.....					208 51
Decrease.....	2 71			4 26	
Newcastle District Canals, 1887					10 60
do 1888.....					16 70
Increase.....					6 10
Decrease.....					
Total Increase				2,816 08	1,041 42
Total Decrease	2 71				

Amount refunded on account of reduction of tolls on grain through Welland and St. Lawrence Canals, 1887, \$33,412.62; actual revenue, \$277,069.73.

Amount refunded on account of reduction of tolls on grain through Welland and St. Lawrence Canals, 1888, \$30,580.02; actual revenue, \$290,853.91.

REVENUE.

ended 31st December, 1887 and 1888.

June.	July.	August.	September.	October.	November.	December.	Total.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
21,751 88	24,962 47	22,000 47	19,664 07	18,027 13	15,378 32	379 72	144,566 75
27,344 25	23,199 70	28,289 65	23,661 07	23,033 14	14,898 50	48 00	167,362 79
5,592 37	1,762 77	6,289 18	3,997 00	5,006 01	479 82	331 72	22,796 04
13,267 12	14,131 18	15,625 38	12,111 72	10,479 54	6,961 87	32 53	81,719 01
13,377 08	12,986 72	12,827 52	11,672 21	7,251 76	5,536 58	115 06	71,234 44
109 96	1,144 46	2,797 86	439 51	3,227 78	1,425 29	82 53	10,484 57
2,436 86	3,330 88	3,659 21	3,799 32	3,420 90	1,415 24		20,537 04
3,651 01	3,208 83	3,563 56	3,950 84	3,357 09	1,839 38		22,300 22
1,214 15	122 05	95 65	151 52	63 81	424 14		1,763 18
949 56	993 06	1,154 82	766 52	657 50	375 94		5,679 87
1,228 55	1,470 53	1,170 41	855 50	856 70	391 17		6,719 36
278 99	477 47	15 59	88 98	199 20	15 23		1,039 49
10,629 42	9,663 05	7,565 56	8,456 31	6,303 06	4,205 53		55,141 22
9,329 10	8,172 58	7,645 65	5,701 02	7,705 01	3,826 10	73 07	51,355 43
1,300 32	1,490 47	80 09	2,755 29	1,401 95	379 43	73 07	3,785 78
181 94	245 91	295 93	270 20	359 33	205 78	746 45	2,508 30
265 92	194 67	317 14	313 81	345 20	263 60	99 93	2,204 57
83 98	51 24	21 21	43 61	14 13	57 82	646 52	303 73
69 66	65 58	72 24	73 48	36 60	2 00		330 18
53 32	36 09	50 19	66 45	21 17	13 20		257 12
16 34	29 49	22 05	7 03	15 43	11 20		73 04
5,962 79	4,123 01	3,490 51	1,079 28	3,286 01	1,776 15	822 64	10,951 50

Total for year 1887..... 301,482 35
Total for year 1888..... 321,433 98

COMPARATIVE STATEMENT showing the Quantities of Vegetable Food and Lumber passed through the Canals during the Years ended 31st December, 1887 and 1888.

	VEGETABLES FOOD.										Lumber.	Total.
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	All other.	Lumber.				
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.			
Welland Canal, 1887.....	23,949	221,927	114,938	9,874	12,050	.....	12,535	61,134	456,105	.....	.....	.....
do 1888.....	16,983	160,963	194,886	5,906	26,629	811	13,608	59,604	479,390	.....	.....	.....
Increase.....	6,966	60,964	79,948	3,968	14,579	811	1,075	1,530	23,286	.....	.....	.....
Decrease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Lawrence Canals, 1887.....	14,582	248,049	37,742	3,646	7,714	2,722	37,654	64,152	416,261	.....	.....	.....
do 1888.....	9,830	117,766	82,194	1,963	1,743	.....	22,975	61,166	297,237	.....	.....	.....
Increase.....	4,752	130,283	44,452	2,083	5,971	2,722	14,679	2,986	119,024	.....	.....	.....
Decrease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chambly Canal, 1887.....	225	3	.....	1,753	1,326	.....	2,937	90,680	96,984	.....	.....	.....
do 1888.....	377	.....	.....	373	1,050	9	901	91,874	94,584	.....	.....	.....
Increase.....	152	3	.....	1,380	276	9	2,096	1,194	2,400	.....	.....	.....
Decrease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rideau Canal, 1887.....	634	122	27	186	204	53	294	42,943	44,463	.....	.....	.....
do 1888.....	432	326	92	275	17	15	229	69,780	61,166	.....	.....	.....
Increase.....	202	204	65	89	187	38	65	16,837	16,703	.....	.....	.....
Decrease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ottawa Canals, 1887.....	53	271	1	692	3,255	9	3,439	560,736	568,456	.....	.....	.....
do 1888.....	23	40	.....	471	1,088	2	1,902	533,206	536,732	.....	.....	.....

CANAL STATISTICS

FOR

SEASON OF NAVIGATION

1888.

SUPPLEMENTARY APPENDIX A.

No. (A) 27.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, and the Amount of Revenue collected during the Season of Navigation in 1888.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl												
Apples	233	624			1				1	85	86	17 15
Agricultural Products, not enumerated, Vegetable,	7								233	669	902	33 72
Agricultural Products, not enumerated, Animal,									7		7	0 14
Agricultural Implements.....	251	65										
Barley	32	19	5,100	488					5,331	555	5,906	830 04
Bricks.....									32	19	51	1 09
Bones.....					15						15	2 25
Brimstone	66				28				348	4	352	50 48
Cement and Water Lime.....	93	855							93	855	948	96 66
Clay, Limc and Sand.....	101	100			172,381				194,578	29,293	223,871	43,901 23
Coal.....						102,974				194,886	194,886	38,977 20
Corn.....												
Cattle.....												
Cotton, Raw.....	79	65	1						80	70	150	5 71
Crockery and Earthenware.....												
Dye Wood and Dye Stuffs.....	1				214				217		217	32 42
Fish.....												
Flax and Hemp.....	10	7,892										
Flour	1		10						10	16,973	16,983	2,015 59
Furniture.....									11	33	44	8 12
Gypsum.....	10	205								885	885	47 37
Glass, all kinds	18	20							17	5	22	2 64
Hay, Pressed.....									18	20	38	4 40
Hogs.....												
Horses.....					1				3	9	12	1 03
Hides and Skins, Horns and Hoofs.....												
											39	7 80

Ice.....												93	10 02
Iron, Railway.....	30											1,602	267 75
" " Pig.....	141											1,618	282 88
" " all other.....	907	21										16,872	843 60
Iron Ore.....		14,563											
Kryolite Chemical Ore and other Ore, except Iron.....												84	16 80
Lard and Lard Oil.....												11,927	2,349 83
Meal, all kinds.....	239											59	11 80
Meats, other than Pork.....												4,663	699 45
Marble.....												105	15 75
Manilla.....	8											152	21 14
Molasses.....	232	5										290	25 72
Nails.....	119											26,629	5,318 58
Oats.....	28	20	1									374	24 10
Oil (in Barrels).....													
Oil Cake.....												762	81 60
Pease.....	17											17	0 33
Potatoes.....	29											345	69 00
Pork.....												867	126 53
Paint.....													
Pitch and Tar.....													
Rags.....												14	2 80
Rye.....												811	162 20
Rosin.....													
Salt.....	132											316	16 65
Stone intended for Cutting.....	1,478	8										6,535	1,307 00
" " wrought.....												299	55 48
" " not suitable for Cutting, unwrought.....	2,027	75										6,378	536 50
Seeds, all kinds.....	2											64	12 39
Sheep.....													
Soda Ash.....	185											400	12 60
Steel.....	3											887	132 81
Sugar.....	262											3,230	431 94
Spirits, Beer, &c.....	22											260	38 91
Tobacco (Raw).....													
Tallow.....												432	64 60
Tin.....	31											31	0 59
Turpentine.....													
Wheat.....	10,130	65,240										160,963	30,249 63
White Lead.....	6											6	0 12
Whiting.....												392	58 80
Wool.....												18	3 60
All other Goods and Merchant- disc not enumerated.....	626	376	66									24,582	3,669 75
Bark.....													
Barrels, Empty.....	129											302	36 69

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 27.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees												
Floats	345	84							345	84	429	5 09
Firewood, in Vessels	2,142	16,431						537	2,142	16,968	19,110	838 11
" Rafts												
Hoops												
Hop Poles												
Lumber, sawn, in Vessels	2,335	2,455			28,333			8,943	2,335	57,269	59,604	10,216 98
" Rafts												
Masts, Spars and Telegraph Poles, in Vessels												
Masts, Spars and Telegraph Poles, in rafts												
Railway Ties, in Vessels		25										
" Rafts			1,073	226								
Saw Logs	41	5,494	949	3,375			140		1,130	8,870	10,000	332 71
Staves and Headings, Barrel						82				104	104	11 68
" Pipe												
" W. India												
Staves, Salt Barrel										2	2	0 15
Shingles	12									12	18	5 21
Split Posts and Fence Rails, in Vessels												
" Rafts												
Split Posts and Fence Rails, in Rafts												
Timber, square, in Vessels	20	12,689						32,556	20	45,255	45,275	6,786 43
" Rafts	221								221		221	24 62
Traverses												
Woodenware and Wood, partly manufactured										100	134	53 60
Total Freight paying Tolls	19,929	116,041	21,882	23,016	213,689	221,064	22,451	217,632	277,951	577,753	855,704	151,811 68

Free Articles, having paid Full Tolls on the St. Lawrence Canals.

Agricultural Products not enumerated, Vegetable	35						35												35		
Bricks	187						187												187		
Cement and Water Lime	737						1,177												1,177		
Clay, Lime and Sand	95						95												95		
Crockery and Earthenware	10						336												336		
Cattle	1						1												1		
Fish	1						1												1		
Furniture	1						1												1		
Glass, all kinds	40						77												77		
Iron, railway																					
do pig	363						9,148												9,148		
do all other	57						573												573		
Manilla							297												297		
Meal, all kinds							1												1		
Molasses							31												31		
Nails	147						7												7		
Oil	6						578												578		
Paint	32						22												22		
Salt	180						59												59		
Seeds, all kinds							3,599												3,599		
Soda ash	142						100												100		
Steel							1,195												1,195		
Sugar	61						3												3		
Spirits	6						98												98		
Tin	3						228												228		
Turpentine							198												198		
White Lead							1												1		
All other merchandise not enumerated	255						2												2		
Saw logs passed free from Welland to Port Robinson																					
Grand Total	21,968	119,827	39,153	23,016	213,689	221,064	22,451	217,632	297,261	581,539	878,800	1,259	3,786	14,113	53	130	58	297	00	1,010	00
Total Tolls on Vessels																					
do Passengers																					
do Free Goods																					
Fines																					
Damages																					
Total Revenue exclusive of Hydraulic Rents																					
Grand Total	21,968	119,827	39,153	23,016	213,689	221,064	22,451	217,632	297,261	581,539	878,800	1,259	3,786	14,113	53	130	58	297	00	1,010	00

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889.

E. MIALl,
Commissioner.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the Welland Canal, and the Amount of Tolls collected thereon during the Season of Navigation in 1888.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up.	Amount of Tolls Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, Pot and Pearl.....														
Apples.....		2			1					1	86	\$ 0 15	\$ 17 00	\$ 17 75
Agricultural Products, not enumerated, Vegetable.....											45		9 00	9 00
Agricultural Products, not enumerated, Animal.....														
Agricultural Implements.....														
Barley.....	251													
Bricks.....		5,100				2				5,351			0 40	803 05
Bones.....														
Brimstone.....					15					15				2 25
Cement and Water Lime.....					282	4				282	4		0 80	43 10
Clay, Lime and Sand.....					172,381					189,746	28,061		5,612 20	43,561 40
Coal.....					102,974					194,886	194,886		38,977 20	38,977 20
Corn.....														
Cattle.....														
Cotton, Raw.....														
Crockery and Earthenware.....	11									12	5	1 80	1 00	2 80
Dye Wood and Dye Stuffs.....														
Fish.....					214					216				32 40
Flax and Hemp.....														
Floor.....	10									10	9,081		1,816 20	1,817 70
Furniture.....										10	33		6 60	8 10
Gypsum.....														
Glass, all kinds.....	3				7					10	5		1 00	2 50
Hay, Pressed.....		20									20		4 00	4 00
Hogs.....														
Horses.....										3	2		0 45	0 85

	39	39	39	39	39	39	39	39	39	7 80	7 80	7 80
Hides and Skins, Horns and Hoofs.....												
Ice.....												9 45
Iron, Railway.....												2,339 60
" Pig.....												109 80
" all other.....												181 60
Iron Ore.....	101	907	14,563									843 60
Kryolite, Chemical Ore and other Ore, except Iron.....												
Lard and Lard Oil.....				18								16 80
Meal, all kinds.....				11,598								2,339 60
Meats, other than Pork.....				14								11 80
Marble.....				4,663								699 45
Manilla.....				105								15 75
Molasses.....				139								20 85
Nails.....	96	58		154								23 10
Oats.....				26,510								5,302 00
Oil in Barrels.....	2	3	110									0 60
Oil Cake.....												10 80
Pease.....		54										69 00
Potatoes.....				326								126 00
Pork.....				837								
Paint.....	2	1										2 80
Pitch and Tar.....												162 20
Rags.....				14								
Rye.....				179								
Rosin.....												11 40
Salt.....	12	8		56								
Stone intended for Cutting, unwrought.....		1,478										1,307 00
Stone, wrought.....												25 20
" not suitable for Cutting, unwrought.....												417 60
Seeds, all kinds.....												12 35
Sheep.....												4 50
Soda Ash.....				30								132 75
Steel.....				881								447 15
Sugar.....	11	13	13	2,973								34 20
Spirits, Beer, &c.....				5								
Tobacco, Raw.....				429								64 55
Tallow.....												
Tin.....												
Turpentine.....												
Wheat.....	64,267	39,999		44,013								29,655 80
White Lead.....												58 80
Whiting.....				392								3 60
Wool.....												

SUPPLEMENTARY APPENDIX A—Continued.
 NO. (A) 28.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
All other Goods and Merchandise, not enumerated.....	243	5	66		21,914	1,485		134	22,253	1,574	23,827	\$ cts. 3,337 96	\$ cts. 314 80	\$ cts. 3,652 76
Bark.....										173	173		33 48	33 48
Barrels, Empty.....														
Boat Knees.....														
Floats.....														
Firewood, in Vessels.....														
“ Rafts.....														
Hoops.....														
Hop Poles.....		746												
Lumber, Sawn, in Vessels.....			17,485			28,333		8,943		55,507	55,507		9,967 14	9,967 14
“ Rafts.....														
Masts, Spars and Telegraph Poles, in Vessels.....														
Masts, Spars and Telegraph Poles, in Rafts.....														
Railway Ties, in Vessels.....			1,073						1,073		1,073	170 60		170 60
“ Rafts.....														
Saw Logs.....														
Staves and Headings, Brils.....														
“ Pipe.....														
“ W. India.....														
Staves, Salt Barrel.....														
Shingles.....														
Split Posts and Fence Rails, in Vessels.....														
“ Rafts.....														
Split Posts and Fence Rails, in Rafts.....														
Timber, Square, in Vessels.....														
“ Rafts.....		12,699								45,255	45,255		6,784 93	6,784 93
Timber, Square, in Rafts.....														
Traverses.....														

	742	80,178	20,933	17,485	213,689	194,472	17,366	240,716	262,728	532,851	34	134	34 00	45,529 30	108,160 00	19 60	83 60
Woodware and wood, partly manufactured...																	
Total Freight paying Tolls	742	80,178	20,933	17,485	213,689	194,472	17,366	240,716	262,728	532,851	34	134	34 00	45,529 30	108,160 00	19 60	83 60
Free Articles having paid full tolls on the St. Lawrence Canals.																	
Agricultural Products, not enumerated, Vegetable			36						35			35					
table			187						187			187					
Bricks			440						1,177			1,177					
Cement and Water Lime	737								95			95					
Clay, Lime and Sand																	
Crockery and Earthenware	10								336			336					
Cattle			1						1			1					
Fish			1						1			1					
Furniture			37						77			77					
Glass, all kinds	40																
Iron, Railway			9,148						9,148			9,148					
" Pig	363		210						573			573					
" all other	57		240						297			297					
Manilla			1						1			1					
Meal, all kinds			31						31			31					
Molasses			7						7			7					
Nails	147		431						578			578					
Oil			16						22			22					
Paint	32		27						59			59					
Salt	180		3,419						3,599			3,599					
Seeds, all kinds			100						100			100					
Soda Ash	142		1,054						1,196			1,196					
Steel			3						3			3					
Sugar	61		37						98			98					
Spirits, Beer, &c.	6		222						238			238					
Tin	3		195						198			198					
Turpentine			1						1			1					
White Lead			2						2			2					
All other Merchandise, not enumerated	255		1,004						1,289			1,289					
Grand Total, Freight...	2,781	80,178	38,204	17,485	213,689	194,472	17,365	240,716	272,039	532,851	804,890			6,390 39	6,690 85	13,071 24	148,689 30
			Total Through Tolls on Vessels											41 30	59 55		100 85
			" Passengers														
			" Free Goods														
			Total Through Tolls											51,950 59	109,910 40		161,861 39

INLAND REVENUE DEPARTMENT, OTTAWA, 28th March, 1889. E. MIALL, Commissioner.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the Welland Canal, and the Amount of Tolls collected thereon during the Season of Navigation in 1888.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons	Amount of Toll. \$ cts
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Peal	233	624					233	624	857	24 72
Apples	7						7		7	0 11
Agricultural Products not enumerated, Vegetable										
Agricultural Products not enumerated, Animal										
Agricultural Implements	32	65		488			32	19	553	26 99
Barley									51	1 00
Bricks										
Bones										
Brimstone	66						66		66	7 38
Cement and Water Lime	93	855					93	855	918	96 66
Clay, Lime and Sand	101	100			4,731	1,132	4,832	1,232	6,064	339 83
Coal										
Corn										
Cattle										
Cotton, Raw	68	65					68	65	133	2 91
Crookery and Earthenware										
Dye Wood and Dye Stuffs	1						1		1	0 02
Fish										
Flax and Hemp										
Flour	1	7,892					1	7,892	7,892	197 89
Furniture										
Gypsum	7	205		680			7	885	885	47 37
Glass, all kinds										
Hay, Pressed	18						18		18	0 14
Hogs										
Horses									7	0 40
Hides and Skins, Horns and Hoofs									7	0 18

Iron, Railway.....	30																	30	0 87
" Pig.....	40																	40	0 78
Iron Ore.....																			
Kryolite Chemical Ore and other Ore, except Iron.....	229																	229	10 23
Lard and Lard Oil.....																			
Meal, all kinds.....																			
Meats, other than Pork.....																			
Marble.....																			
Manilla.....																			
Molasses.....	8																	8	0 29
Nails.....	136																	136	2 62
Oats.....	119																	119	16 58
Oil (in Barrels).....	26																	261	7 00
Oil Cake.....																			
Pease.....																			
Potatoes.....	17																	708	70 80
Pork.....																		17	0 33
Paint.....	27																	27	0 53
Pitch and Tar.....																			
Rags.....																			
Rye.....																			
Rosin.....																			
Salt.....	120																	120	5 75
Stone intended for Cutting.....																		173	30 28
" wrought.....																			
" not suitable for Cutting, unwrought.....																			
Seeds, all kinds.....	2,027																	2,027	118 90
Sheep.....	2																	2	0 04
Soda Ash.....	185																	185	8 10
Steel.....	3																	3	0 06
Sugar.....	251																	251	4 79
Spirits, Beer, &c.....	22																	62	4 71
Tobacco (Raw).....																			
Tallow.....	2																	2	0 05
Tin.....	31																	31	0 59
Turpentine.....																			
Wheat.....	10,130																	10,130	593 8
White Lead.....	6																	6	0 12
Whiting.....																			
Wool.....																			
All other Goods and Merchandise, not enumerated.....	383																	372	17 00
Bark.....																			
Barrels, Empty.....																		129	3 21
Boat Knees.....																			

SUPPLEMENTARY APPENDIX A - Continued.

No. (A) 29.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Floats.....	345	84							345	84	429	5 09
Firewood, in Vessels.....	2,142	16,431						537	2,142	16,968	19,110	838 11
" Rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, Sawn, in Vessels.....	2,325	1,709		53					2,335	1,762	4,097	249 84
" Rafts.....												
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....		25		226						251	251	18 91
Railway Ties, in Vessels.....	41	5,494		949		3,376		140	1,130	8,870	10,000	332 71
" Rafts.....											82	8 25
Saw Logs.....												
Staves and Headings, Barrel.....												
" Pipe.....												
" West India.....												
Staves, Salt Barrel.....	12								12		12	0 95
Shingles.....												
Split Posts and Fence Rails, in Vessels.....												
Split Posts and Fence Rails, in Rafts.....	20								20		20	1 50
Timber, Squaae, in Vessels.....												
" Rafts.....	221								221		221	24 62
Traverses.....												
Woodenware and Wood, partly manufactured.....												
Total Freight paying Tolls...	19,187	35,734	949	5,742	5,086	3,426	44,902	25,222	70,124	3,122 38		

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 30.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, and the Amount of Revenue collected during the Season of Navigation in 1888.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	1	78							1	78	79	15 80
Apples.....	48	1,619							48	1,619	1,667	229 85
Agricultural Products, not enumerated, Vegetable.....	278	392	35		1				313	393	706	68 60
Agricultural Products, not enumerated, Animal.....	44	478					25		69	478	547	65 12
Agricultural Implements.....	533	685			2	343			535	1,028	1,099	13 10
Barley.....	6,654	293	147						7,840	293	8,133	59 05
Bricks.....	1	393		412				15	1	820	821	337 10
Brimstone.....	2,375	120	457						2,832	120	2,952	99 22
Cement and Water Lime.....	17,982	6,835	95				2,245		20,322	6,975	27,297	405 48
Clay, Lime and Sand.....	3,916	60,997	605			956		81,106	605	143,019	143,624	1,091 58
Coal.....	39	3,683	1		4	35			3,920	3,618	7,538	19,650 30
Corn.....		325							40	325	365	223 09
Cattle.....		10								10	10	28 07
Cotton, Raw.....	13	23	413					5	548	113 27	567	11 27
Crockery and Earthenware.....							197		213		213	11 45
Dye Wood and Dye Stuffs.....	464	32	1					6	465		502	55 94
Fish.....	2				10				12		12	
Flax and Hemp.....	710	5,123			18	46		68	728	5,237	5,965	782 60
Floor.....	190	502	1				1		192	502	694	106 23
Furniture.....	2,368	451				260			2,368	711	3,079	100 93
Gypsum.....	436	51	42				1		479	52	531	98 97
Glass, all kinds.....	1,252	159		95	45				1,297	254	1,551	85 28
Hay, Pressed.....	5	17							5	17	22	2 60
Hogs.....	50	285							50	285	345	25 61
Horses.....												
Hides and Skins, Horses and Hoofs.....	15	6	1						17	6	23	3 10
Ice.....												

	5,795	587	315	10,110	567	10,677	1,504 39
Iron, Railway	5,037	43	560	5,597	43	5,640	827 17
" " all other	10,324	1,995	66	10,390	1,996	12,386	698 79
Iron Ore							
Kryolite, Chemical Ore and other Ore, except Iron							
Lard and Lard Oil	131	75		131			18 10
Meal, all kinds	498	191		498			22 75
Meats, other than Pork	20	23		20			32 01
Marble	17	5		17			4 62
Manilla	18	5		17			3 82
Molasses	594	62		19			3 80
Nails	2,197	646	420	2,190	62	2,252	159 38
Oats	585	1,158		2,617	846	3,463	548 34
Oil, in barrels	935	292	14	1,429	585	1,743	100 18
Oil Cake		13			341	1,770	194 34
Pease	560	19,826		560	13	13	0 49
Potatoes	16	117		16	19,826	20,383	419 16
Pork	282	192		282	117	133	9 10
Paint	246	207		279	192	474	33 40
Pitch and Tar	338	96		1,339	207	486	65 46
Rags	289	180		289	96	1,435	99 94
Rye					180	469	50 80
Rosin	165	46		1,834	46	1,880	97 80
Salt	2,170	7	1,293	3,463	7	3,470	414 39
Stone, intended for Cutting	1,031	1,206	2,148	3,434	1,206	4,640	490 57
" wrought	274	3		278	3	281	14 19
" not suitable for Cut- ting, unwrought	52	6,927		52	135	7,062	209 40
Seeds, all kinds	8,413	685	168	8,582	1	9,267	384 94
Sheep	3	135		3	135	138	12 93
Soda Ash	647	23	1,137	1,791	7	1,814	357 07
Steel	205	13	3	208	13	221	33 34
Sugar	3,874	113	42	5,291	113	5,404	840 14
Spirits, Beer, &c.	581	205	216	797	205	1,002	183 62
Tobacco, Raw		3			3	8	0 87
Tallow	66	6		166	6	172	8 62
Tin	291	90	197	489	90	579	100 05
Turpentine	23	17		371	17	388	22 92
Wheat	21,916	1,935		21,916	1,935	23,851	478 94
White Lead	102	24	2	104	25	129	22 18
Whiting	364	3		368	3	371	72 58
Wool	7	7		7	7	14	1 81
All other Goods and Merchan- dise, not enumerated	6,605	1,880	1,037	8,144	2,437	10,581	1,625 92
Bark							
Barrels, Empty	123	51		185	54	239	20 38
Boat Knees							

SUPPLEMENTARY APPENDIX A—Continued.
No. (A) 30.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Floats.....	40	4,200							40	4,200	4,240	74 20
Firewood, in Vessels.....	6,468	6,885	150		75				6,693	6,885	13,578	491 72
" Rafts.....		186								186	186	3 89
Hoops.....	3	1			9				12	1	13	1 40
Hop Poles.....												
Lumber, Sawn, in Vessels.....	29,667	24,763	444	888		17			30,131	25,658	55,789	2,185 28
" " Rafts.....		69								69	69	3 84
Masts, Spars and Telegraph Poles, in Vessels.....		1								1	1	0 02
Masts, Spars and Telegraph Poles, in Rafts.....	2	23,733							2	23,733	23,735	594 05
Railway Ties, in Vessels.....	4,245	164							4,245	164	4,409	104 53
" " Rafts.....												
Sawlogs.....	3	20,570							3	20,570	20,573	470 57
" " Pipe.....		67								67	67	5 20
Staves and Headings, Barrel.....		149								149	149	4 88
" " W. India.....	20	954							20	954	974	53 84
Staves, Salt Barrel.....	27	19			3				30	19	49	9 00
Shingles.....												
Split Posts and Fence Rails, in Vessels.....	9	5							9	5	14	4 00
" " Rafts.....		2								2	2	0 40
Split Posts and Fence Rails, in Rafts.....		2,300								2,320	2,995	37 74
Timber, Square, in Vessels.....	675	4,058				20			675	4,058	4,405	193 64
" " Rafts.....	347	10,614							347	10,614	10,614	27 58
Traverses.....												
Woodenware and Wood partly manufactured.....	77	8							77	9	86	21 80
Total Freight paying Tolls	157,988	220,810	10,054	1,419	710	2,365	10,382	61,881	179,134	305,975	485,109	38,110 77

Free Articles having paid full Tolls on Welland Canal.

Ashes.....	85								85
Corn.....	74,124								74,656
Flour.....	3,865								3,865
Furniture.....	2								2
Glass.....	3								3
Horses.....	2								2
Iron.....	418								418
Lard and Lard Oil.....	54								54
Meat, all kinds.....	100								100
Meats, other than Pork.....	39								39
Pork.....	269								265
Seeds, all kinds.....	12								12
Spirits, beer, &c.....	3								3
Wheat.....	93,915								93,915
Merchandise, not enumerated.....	105								105
Barrels, Empty.....	40								40
Lumber, Sawn, in Vessels.....	4,114								4,114
" Rafts.....	1,060								1,060
Timber, Square, in Rafts.....	11,586								11,586
Staves and Headings, Barrel.....	15								15
" Pipe.....	124								124
" W.India.....	1,073								1,073
Staves, Salt Barrel.....	1								1
Woodenware.....	25								25
Coal, free, per Order in Council.....	54,498					8			
Kryolite or Chemical Ore, free, having paid full toll on Rideau Canal.....							48,463		
Stone, free, per Order in Council.....	1,800								1,800
Lumber, free, per Order in Council.....	134								134
Grand Total Freight.....	214,420	10,079	1,419	718	2,365	58,845	81,913	284,062	497,537
								102,994	102,994
									1,800
									134
									781,599
									12,997 31
									2,478 79
									5,578 70
									106 00
									11,962 87
									71,234 44
Total Revenue, exclusive of Hydraulic Rents.....									

Total Tolls on Vessels.....
 " Passengers.....
 " Free Goods..... \$12,127 77
 Wharfrage and Storage.....
 Fines and damages.....
 Wintorage, Basin Dues and other Receipts.....

Total Revenue, exclusive of Hydraulic Rents.....

E. MIALL,
 Commissioner.

INLAND REVENUE DEPARTMENT,
 OTTAWA, 28th March, 1889.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 81.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected thereon during the Season of Navigation in 1888.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up.	Amount of Tolls Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Ashes, Pot and Pearl.....	1	78							1	78	79	0 20	15 60	15 80
Apples.....		1,459								1,459	1,459		218 85	218 85
Agricultural Products net enumerated Vegetables.....	205	53	35						240	53	293	36 00	7 95	43 95
Agricultural Products not enumerated, Animal.....		375								375	375		56 25	56 25
Agricultural Implements.....		11								11	11		2 20	2 20
Barley.....	108		147						255		255	38 25		38 25
Bricks.....		93					15			108	108		16 20	16 20
Bones.....														
Brimstone.....	2,024	1	457						2,481	1	2,482	372 15	0 15	372 30
Cement and Water Lime.....	111	121	95				40		206	161	367	30 90	24 15	55 05
Clay, Lime and Sand.....		60,092					62,358			123,050	123,050		18,423 90	18,423 90
Coal.....		527								527	527		10 67	10 67
Corn.....	1	36	1						2	36	38	0 30	5 40	5 70
Cattle.....		6								6	6		0 90	0 90
Cotton, Raw.....	85	21	413						498	26	524	99 60	5 20	104 80
Crockery and Earthenware.....														
Dye Wood and Dye Stuffs.....	213	1								214	220	32 10	0 90	33 00
Fish.....														
Flax and Hemp.....	5	4,715							5	4,783	4,788	0 75	717 45	718 20
Flour.....	55	341	1				68		56	341	397	11 20	68 20	79 40
Furniture.....	3								3					0 45
Gypsum.....	402	9	42						444	10	454	88 80	2 00	90 80
Glass, all kinds.....	124								124		124	18 60		18 60
Hay, Pressed.....		15								15	15		2 25	2 25
Hogs.....	8	37							8	37	45	1 20	5 55	6 75
Horses.....														
Hides and Skins, Horns and Hoofs.....	16	2							16	2	18	2 40	0 30	2 70

Ice									9,742	1,461 30		1,461 30
Iron, Railway									5,310	796 50		796 50
" Pig									1,744	261 60	7 80	269 40
" all other												
Iron Ore												
Kryolite, Chemical Ore and other Ore, except Iron												
Lard and Lard Oil	87								362		18 10	18 10
Meal, all kinds									115	13 05	4 20	17 25
Meats, other than Pork												
Manilla	9								14		2 10	2 10
Mazble	18								1	1 80	0 20	2 00
Molasses	94								19	3 80		3 80
Nails	1,757								99	19 80		19 80
Oats									2,177	435 40	0 60	436 00
Oil, in barrels	449								103			
Oil Cake									423	84 60	20 60	105 20
Pease									3,879		86 81	86 81
Potatoes	11								11	1 65		1 65
Pork												
Paint	213								30	40 00	6 00	52 00
Pitch and Tar	66								57	124	11 40	24 80
Rags	1								66	0 20	13 20	13 40
Rye												
Rosin	23								23	4 60		4 60
Salt	181								1,474	221 10		221 10
Stone, intended for Out- ting	682								2,830	424 50		424 50
" wrought												
" not suitable for Cut- ting, unwrought												
Seeds, all kinds	132								1,107		89 40	89 40
Sheep									6	306	0 90	45 90
Soda Ash	608								31		4 65	4 65
Steel	197								1,746	349 00	0 20	349 20
Sugar	2,984								201	31 55	0 20	31 75
Spirits, Beer, &c.	385								3,122	605 20	19 20	624 40
Tobacco, Raw									733	110 20	36 40	146 60
Tallow	13								5		0 75	0 75
Tin	205								19	1 95	0 90	2 85
Turpentine	20								402	80 40	1 40	81 80
Wheat	89								20	4 00		4 00
White Lead	343										28 54	28 54
Whiting	5								1,427	18 20	0 80	19 00
Wool									343	68 60		68 60
All other Goods and Mer- chandise not enumerated	2,977								6	0 75	0 90	1 65
									4,024	804 80	234 60	1,039 40

No. (A) 31.—GENERAL STATEMENT showing the Quantity of Each Article transported, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls Up.		Amount of Tolls Down.		Total Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	\$	cts.		\$
Bark.....																	
Barrels, Empty.....	3								3		3	0	52			0	52
Boat Knees.....																	
Floats.....																	
Fire Wood, in Vessels.....	3,600								3,600		3,600	240	00			240	00
" Rafts.....																	
Hoops.....																	
Hop Poles.....																	
Lumber, sawn, in Vessels.....	7	7,928	592						599	7,928	8,527	257	25	530	25	787	50
" " Rafts.....		6							6	6	6			1	06	1	06
Masts, Spars and Telegraph Poles, in Vessels.....																	
Masts, Spars and Telegraph Poles, in Rafts.....	275								275		275	21	95			21	95
Railway Ties, in Vessels.....																	
" " Rafts.....																	
Saw Logs.....																	
Staves and Headings barrel.....		67							67	67	67			5	20	5	20
" " Pipe.....		1							1	1	1			0	25	0	25
" " W. India.....		282							282	282	282			28	48	28	48
Staves, Salt Barrel.....																	
Shingles.....																	
Spirit Posts and Fence Rails, in Vessels.....																	
Spirit Posts and Fence Rails, in Rafts.....																	
Timber, square, in Vessels.....																	
" " Rafts.....																	
Traverses.....		600							600	600	600			60	00	60	00
Woodenware and Wood partly manufactured.....	26								26	3	29	10	40			11	60
Total Freight paying Tolls	34,587	85,506	9,436	1	63,113	44,023	149,619	192,642	7,172	12	20,800	36	27,972	45			

<i>Free Articles having paid Full Tolls on the W. & C. Canal—</i>													
Ashes.....	85	.....	.....	.....	85	.....	.....	.....	.....	.....	.....	.....	.....
Barrels, Empty.....	40	.....	.....	.....	40	.....	.....	.....	.....	.....	.....	.....	.....
Coal.....	8,316	.....	.....	8,341	8,341	.....	.....	.....	.....	.....	.....	.....	.....
Corn.....	65,911	.....	25	.....	66,443	.....	.....	.....	.....	.....	.....	.....	.....
Flour.....	3,865	.....	.....	.....	3,865	.....	.....	.....	.....	.....	.....	.....	.....
Furniture.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Glass, all kinds.....	3	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
Horses.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Iron, all other.....	418	.....	.....	.....	418	.....	.....	.....	.....	.....	.....	.....	.....
Lard and Lard Oil.....	19	.....	36	.....	54	.....	.....	.....	.....	.....	.....	.....	.....
Lumber, Sawn, in Vessels	4,114	.....	.....	.....	4,114	.....	.....	.....	.....	.....	.....	.....	.....
" " in Rafts.....	1,060	.....	.....	.....	1,060	.....	.....	.....	.....	.....	.....	.....	.....
Meals, all kinds.....	100	.....	.....	.....	100	.....	.....	.....	.....	.....	.....	.....	.....
Meats, other than Pork.....	39	.....	.....	.....	39	.....	.....	.....	.....	.....	.....	.....	.....
Merchandise.....	105	.....	.....	.....	105	.....	.....	.....	.....	.....	.....	.....	.....
Pork.....	265	.....	.....	.....	265	.....	.....	.....	.....	.....	.....	.....	.....
Seeds, all kinds.....	12	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....
Staves and Headings, Bri.....	15	.....	.....	.....	15	.....	.....	.....	.....	.....	.....	.....	.....
" " Pipe.....	124	.....	.....	.....	124	.....	.....	.....	.....	.....	.....	.....	.....
" " W. India.....	1,623	.....	.....	.....	1,623	.....	.....	.....	.....	.....	.....	.....	.....
Staves, Salt Barrel.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Timber, Square, in Rafts.....	11,586	.....	.....	.....	11,586	.....	.....	.....	.....	.....	.....	.....	.....
Wheat.....	93,915	.....	.....	.....	93,915	.....	.....	.....	.....	.....	.....	.....	.....
Whiskey, &c.....	3	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
Woodenware.....	25	.....	.....	.....	25	.....	.....	.....	.....	.....	.....	.....	.....
Grand Total Freight..	42,903	268,837	9,461	36	63,645	5,364	332,518	384,882	3,362 57	3,651 28	7,013 85	246 00	1,519 15
Total Through Tolls on Vessels.....										3,362 57	3,651 28	7,013 85	
 " " Passengers.....										246 00	1,273 15	1,519 15	
 " " Free Goods.....													\$7,366 70
Total Through Tolls.....										10,780 69	25,724 79	36,505 48	

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 82.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, and the amount of Tolls collected during the Season of Navigation in 1888.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....	48	160							48	160	208	11 00
Apples.....	73	339				1			73	340	413	24 65
Agricultural Products, not enumerated, Vegetable.....	44	103						25	69	103	172	8 87
Agricultural Products, not enumerated, Animal.....	96	2							96	2	98	10 90
Agricultural Implements.....	533	685		343					535	1,028	1,563	59 05
Barley.....	6,546	283					1,039		7,585	293	7,878	298 85
Bricks.....	1	303		412					1	712	713	83 02
Bones.....	351	119							351	119	470	33 18
Brimstone.....	17,871	6,714					2,245		20,116	6,814	26,930	1,036 53
Cement and Water Lime.....	3,916	865	605			956			3,920	695	20,574	1,226 40
Clay, Lime and Sand.....	38	289				4			38	289	7,011	212 42
Coal.....	50	4							50	4	327	22 37
Corn.....	16	2							16	2	4	0 30
Cattle.....	251	31					197		213	11 45	213	8 47
Cotton, Raw.....	705	408				10			251	31	282	22 94
Crockery and Earthenware.....	135	161							121	12	12	0 95
Dye Wood and Dye Stuffs.....	2,365	451				18			2,383	469	3,076	100 48
Fish.....	34	42							34	42	77	8 17
Flax and Hemp.....	1,128	159		95					1,173	254	1,427	66 68
Flour.....	5	2							5	2	7	0 35
Furniture.....	42	258							42	258	300	18 86
Gypsum.....		4							1	4	5	0 40
Glass, all kinds.....												
Hay, Pressed.....												
Hogs.....												
Horses.....												
Hides and Skins, Horns and Hoofs.....												
Ice.....												

Iron, Railway	368	567	368	567	935	43 09
" " Pig	287	43	287	43	330	30 67
" " all other	8,646	1,943	8,646	1,944	10,590	429 39
Iron Ore						
Kryolite Chemical Ore and other Ore, except Iron						
Lard and Lard Oil	44	47	44	47	91	5 50
Meal, all kinds	498	191	498	191	689	32 01
Meats, other than Pork	20	15	20	15	35	2 52
Marble	8	4	8	4	12	1 82
Manilla						
Molasses	500	62	2,091	62	2,153	139 58
Nails	440	843	440	843	1,283	112 34
Oats	585	1,158	585	1,158	1,743	100 18
Oil, in barrels	526	189	1,006	480	1,244	89 14
Oil Cake		13		13		0 49
Pease	560	15,947	560	15,947	16,507	332 35
Potatoes	6	117	5	117	122	7 45
Pork	281	192	281	192	473	33 25
Paint	33	177	49	177	226	13 46
Pitch and Tar	272	39	1,272	39	1,311	75 14
Rags	288	114	288	114	402	37 40
Rye						
Rosin	142	46	1,811	46	1,857	93 20
Salt	1,989	7	1,989	7	1,995	193 29
Stone intended for cutting	349	1,206	604	1,206	1,810	66 07
" " wrought	274	3	278	3	281	14 19
" " not suitable for cutting, unwrought.	52	5,820	52	5,955	6,007	120 00
Seeds, all kinds	8,281	679	8,282	679	8,961	339 04
Sheep	3	104	3	104	107	8 28
Soda Ash	39	22	46	22	68	7 87
Steel	8	12	8	12	20	1 59
Sugar	890	17	2,285	17	2,282	215 74
Spirits, Beer, &c	246	23	246	23	269	37 02
Tobacco, raw						
Tallow	53		153		3	0 12
Tin	86	83	87	83	153	5 77
Turpentine	3	17	3	17	83	18 25
Wheat	21,916	508	351	17	368	18 92
White Lead	13	21	21,916	508	22,424	450 40
Whiting	21	3	13	21	34	3 18
Wool	2	1	25	3	28	3 98
All other Goods and Merchandise not enumerated	3,628	719	4,120	1,264	5,384	588 52
Bark			182	64	236	19 86
Barrels, Empty	126	54				
Boat Knees						

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 32.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Floata.....	40	4,200							40	4,200	4,240	\$ 74 20
Fire Wood, in Vessels.....	2,868	6,885	75						3,093	6,885	9,978	251 72
" Rafts.....	3	186	9						12	186	186	3 89
Hoops.....		1								1	1	1 40
Hop Poles.....	20,090	16,825	413	888	17	20			29,632	17,730	47,262	1,397 78
Lumber, sawn, in Vessels.....		63								63	63	2 78
" Rafts.....		1								1	1	0 02
Masts, Spars and Telegraph Poles, in Vessels.....	2	23,733							2	23,733	23,735	594 05
Masts, Spars and Telegraph Poles in Rafts.....	3,970	164							3,970	164	4,134	82 58
Railway Ties, in Vessels.....												
" Rafts.....	3	20,570							3	20,570	20,573	470 57
Saw Logs.....												
Staves and Headings, Barrels.....		148								148	148	4 63
" Pipe.....	20	672							20	672	692	25 36
" West India.....												
Staves, Salt Barrel.....	27	19							30	19	49	9 00
Shingles.....	0	5							9	5	14	4 00
" Rafts.....											2	0 40
Split Posts and Fence Rails, in Vessels.....	675	2,300							675	2,320	2,995	37 71
" Rafts.....	347	3,458							347	3,458	3,805	93 64
Timber, square, in Vessels.....												
" Rafts.....											10,614	27 58
Traverses.....	51	6							51	6	57	10 20
Woodenware & Wood partly manufactured.....												
Total Freight paying Tolls.....	122,840	135,305	1,179	1,761	710	2,022	10,382	18,268	135,111	157,356	292,467	10,138 29
Free Goods having paid Full Tolls on the Welland Canal.....											8,213	
Corr.....											8,213	

Coal, free per O. C.....	46,182			8	48,463	94,653	94,653
Stone	1,800					1,800	1,800
Lumber	134					134	134
Grand Total Freight.....	170,956	143,518	1,179	718	58,845	231,698	397,267
Total Way Tolls on Vessels.....							
"							5,983 46
"							959 64
Free Goods.....							\$4,761 07
Total Way Tolls.....							17,081 39

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889.

E. MIALL,
Commissioner.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 33.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals and the amount of Revenue Collected during the Season of Navigation in 1888.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....		61								61	11 59	
Apples.....	10	40							10	40	2 90	
Agricultural Products not enumerated, Vegetable.....		79								79	4 73	
Agricultural Products not enumerated, Animal.....	7	1,755							7	1,755	158 47	
Agricultural Implements.....	4	23							4	23	4 27	
Barley.....		471							3	471	31 55	
Bricks.....	3									3	0 06	
Bones.....		23								23	2 05	
Brimstone.....												4 33
Cement and Water Lime.....	3	47							3	47	189 25	
Clay, Lime and Sand.....		8,223								8,223	10 90	
Coal.....		327								327	36 24	
Corn.....									1	563		
Cattle.....	1	563										
Cotton, Raw.....												
Crockery and Earthenware.....												
Dye Wood and Dye Stuffs.....												
Fish.....												
Flax and Hemp.....		23								23	1 03	
Flour.....		36							8	36	6 12	
Furniture.....	8											
Gypsum.....												
Glass, all kinds.....		615								615	73 78	
Hay, Pressed.....		91								91	6 21	
Hogs.....		222							22	222	12 84	
Horses.....	22	39								39	3 68	
Hides and Skins, Horns and Hoofs.....												
Ice.....												

Iron, railway.....	10	10	0 78
do Pig.....	5	5	0 30
do all other.....	23	116	7 88
Iron Ore.....			
Kryolite, Chemical Ore, and other Ore, except Iron.....	830	830	41 50
Lard and Lard Oil.....	9	9	0 77
Meal, all kinds.....	2	2	0 20
Meats, other than Pork.....	87	87	8 26
Marble.....			
Manilla.....	2	2	0 20
Molasses.....	3	3	0 30
Nails.....	1,088	1,088	67 11
Oats.....	8	12	1 45
Oil, in barrels.....			
Oil Cake.....	1,351	1,351	94 63
Pease.....	2	2	32 75
Potatoes.....	4	4	6 57
Pork.....			
Paint.....			
Pitch and Tar.....	50	50	8 86
Rags.....	2	2	0 20
Rye.....			
Rosin.....	5	5	0 20
Salt.....	1	1	0 04
Stone, intended for Cutting.....			
“ wrought.....			
“ not suitable for Cutting, un- wrought.....			
Seeds, all kinds.....	27	27	2 65
Sheep.....	426	426	30 07
Soda Ash.....			
Steel.....			
Sugar.....	4	4	0 40
Spirits, Beer, &c.....	1	1	0 19
Tobacco, Raw.....			
Tallow.....	75	75	5 03
Tin.....	1	1	0 19
Turpentine.....			
Wheat.....	40	40	3 85
White Lead.....	2	2	0 38
Whiting.....			
Wool.....	1	1	0 10
All other Goods and Merchandise not enumerated.....	82	283	49 29
Bark.....			
Barrels, Empty.....	80	80	10 17

No (A) 83.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees		26,724								26,724	26,724	376 51
Floats		65,866								67,719	67,719	2,640 25
Firewood, in Vessels		7,506		1,883						7,506	7,506	82 06
" Rafts		29								29	29	2 50
Hoops												
Hop Poles		395,390		135,593						530,985	530,985	41,387 27
Lumber, sawn, in Vessels		2,221								2,221	2,221	150 89
" Rafts												
Masts, Spars and Telegraph Poles, in Vessels												
Masts, Spars and Telegraph Poles, in Rafts												
Railway Ties, in Vessels		1,674		31						1,705	1,705	164 60
" Rafts		1,784								1,784	1,784	165 29
Saw Logs		10,145								10,145	10,145	255 62
Staves and Headings, Barrel		1								1	1	0 15
" Pipe												
" West India												
Staves, Salt Barrel										419	419	277 08
Shingles		213		206						11	11	2 32
Split Posts and Fence Rails, in Vessels												
" Rafts		11								11	11	92 40
Timber, Square, in Vessels		8,089								8,089	8,089	1 35
" Rafts		220								220	220	
Traverses												
Woodenware and Wood partly manufactured												
Total Freight paying Tolls	192	537,740		137,683					192	675,425	675,425	46,532 61
Timber, &c., Free, per Order in Council		17,632								17,632	17,632	
Grand Total Freight	192	555,372		137,683					192	693,057	693,249	

Total Tolls on Vessels	4,628 27
“ “ Passengers	189 65
“ Free Goods	7 00
“ Fines and Damages	\$254 83
“ Other Receipts	
Total Revenue, exclusive of Hydraulic Rents	\$ 51,355 43

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889.

E. MIALL,
Commissioner.

APPENDIX A—Continued.

No. (A) 34.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the Amount of Revenue collected during the Season of Navigation in 1888.

Articles.	From Canadian to Canadian Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
	Ashes, Pot and Pearl.....					87				
Apples.....		622							709	
Agricultural Products not enumerated, Vegetable.....	12	206					12	206	218	7 27
Agricultural Products not enumerated, Animal.....	9	30					9	30	39	1 30
Agricultural Implements.....	9						9		9	0 90
Barley.....	373						373		373	30 64
Bricks.....	350				4,881		350	4,881	5,231	503 78
Bones.....		12	277				277	12	289	28 10
Brimstone.....										
Cement and Water Lime.....	325	57			4,946		325	5,003	5,328	535 19
Clay, Lime and Sand.....					108,994			108,994	108,994	10,650 09
Coal.....										
Corn.....								36	36	1 20
Cattle.....		36								
Cotton, Raw.....					6			6	6	0 60
Crockery and Earthenware.....					127		3	127	130	12 70
Dye Wood and Dye Stuffs.....	3									
Fish.....										
Flax and Hemp.....	366	11					366	11	377	12 78
Flour.....	30				2		30	2	32	1 20
Furniture.....										
Gypsum.....										
Glass, all kinds.....										
Hay, Pressed.....	149	1,133	762				911	1,133	2,044	116 83
Hogs.....										
Horses.....	9	18					9	18	27	0 90
Hides and Skins, Horns and Hoofs.....	3								3	0 10
Ice.....										

Iron, Railway									105	105	105	10 50
" Fig..... all other												
Iron Ore												
Kryolite Chemical Ore and other Ore, except Iron												
Lard and Lard Oil												
Meal, all kinds												
Meats, other than Pork												
Marble												
Manilla	54								1,605	54	1,605	160 64
Molasses	9									9	9	0 30
Nails												
Oats	1,050								1,050	24	1,050	35 03
Oil, in barrels	24								598		698	60 48
Oil Cake												
Pease	192											
Potatoes	6											
Pork	3											
Paint												
Pitch and Tar												
Rags	9											
Rye												
Rosin	288											
Salt												
Stone intended for cutting	200											
" wrought												
" not suitable for cutting, unwrought												
Seeds, all kinds	3											
Sheep	117											
Soda Ash												
Steel	12											
Sugar	6											
Spirits, Beet, &c												
Tobacco, raw												
Tallow												
Tin												
Turpentine												
Wheat	3											
White Lead												
Whiting												
Wool												
All other Goods and Merchandise, not enumerated	303											
Bark												
Barrels, Empty												
									2,278	303	2,581	208 66

APPENDIX A—Continued.

No. (A) 34.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees												
Floats	333								333		333	18 21
Firewood, in Vessels.....	300								300		300	10 00
" Rafts.....												
Hoops.....												
Hop Poles.....												
Lumber, Saw, in Vessels.....	5,107	1,261	76,254	8,886					81,361	10,513	91,874	5,348 32
" " Rafts.....								366				
Masts, Spars and Telegraph Poles, in Vessels.....												
Masts, Spars and Telegraph Poles, in Rafts.....												
Railway Ties, in Vessels.....	2,070	750	7,018	3,076					9,088	3,825	12,913	990 44
" " Rafts.....												
Sawlogs												
Staves and Headings, Barrel.....												
" " Pipe.....												
" " West India.....												
Staves, Salt Barrel.....												
Shingles.....	38								38		38	5 90
Split Posts and Fence Rails, in Vessels.....	8								8		8	0 54
Split Posts and Fence Rails, in Rafts.....												
Timber, Square, in Vessels.....	126								126		126	12 59
" " Rafts.....	14								14		14	0 24
Traverses												
Woodenware and Wood partly manufactured.....												
Total Freight paying Tolls.....	9,969	5,999	84,684	11,961			21	126,812	94,674	146,772	241,446	19,363 15

Coal, Free, per Order in Council.....	307								307				
Grand Total, Freight.....	10,276	5,999	84,684	11,961		21	128,812	94,981	146,772	241,763			
<p>Total Toll on Vessels.....</p> <p> " Passengers.....</p> <p> " Free Goods..... \$30,700</p> <p>Fines and Damages.....</p> <p>Wharfage and Storage.....</p>													
<p>Total Revenue, exclusive of Hydraulic Rents.....</p>											2,841 19	58 28	17 60
<p>Total Revenue, exclusive of Hydraulic Rents.....</p>											22,300 22		

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889.

E. MIALL,
Commissioner.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 35—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, and the Amount of Revenue collected during the Season of Navigation in 1888.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, Pot and Pearl.....												44
Apples.....		44										10 70
Agricultural Products, not enumerated, Vegetable.....	16								16			2 48
Agricultural Products, not enumerated, Animal.....	36	708							36	708		41 51
Agricultural Implements.....	19	82							19	82		13 95
Barley.....	275								275			6 49
Bricks.....	116	101							116	101		5 97
Bones.....	3	24							3	24		1 19
Brimstone.....	97	20							97	20		3 89
Cement and Water Lime.....	18	5							18	5		0 55
Clay, Lime and Sand.....												417 74
Coal.....		9,523								9,523		2 68
Corn.....	2	92							2	92		0 06
Cattle.....												3 03
Cotton, Raw.....	14	8							14	8		4 12
Crockery and Earthenware.....												12 58
Dye Wood and Dye Stuffs.....	166	5							166	5		3 30
Fish.....												2 02
Flax and Hemp.....	33	399							33	399		13 59
Flour.....	12	17							12	17		0 29
Furniture.....												0 43
Gypsum.....	8	4							8	4		
Glass, all kinds.....	272	20							272	20		
Hay, Pressed.....												
Hogs.....	2	8							2	8		
Horses.....	-2	10							2	10		
Hides and Skins, Horns and Hoofs.....												
Ice.....												

Iron, Railway	6	809	177	12	1,131	40	309	171	12	1,171	6	309	189	0 17
" " all other.						18				2				9 27
Iron Ore.....						23				2				5 81
Kryolite Chemical Ore and other Ore, except Iron.....					1,131	40			1,131					58 55
Lard and Lard Oil.....					2	18			2	20				0 49
Meat, all kinds.....					2	23			2	25				0 60
Meats, other than Pork.....					2	11			2	13				0 32
Marble.....					6	6			8	14				1 24
Manilla.....						77								7 00
Molasses.....					3	186			3	80				17 44
Nails.....					1	17			1	187				17 44
Oats.....					17	47			17	17				0 44
Oil, in Barrels.....					86	47			85	132				12 99
Oil Cake.....						12			1	1				0 03
Pease.....					3	105			3	15				0 38
Potatoes.....					25	132			25	130				3 42
Pork.....					43	2			43	175				4 42
Paint.....						19				2				0 18
Pitch and Tar.....					15	15			16	19				1 67
Rags.....						15				15				2 19
Eye.....						629			160	789				24 50
Rosin.....					160	821			619	1,440				48 28
Salt.....					619									
Stone intended for Cutting.....														
" wrought.....														
" not suitable for Cutting, un-														
wrought.....					691				691	691				17 20
Seeds, all kinds.....					3	32			3	35				0 88
Sheep.....					2	5			2	7				0 19
Soda Ash.....						14				14				1 58
Steel.....						447			29	476				45 46
Sugar.....					29	73			11	84				7 54
Spirits, Beer, &c.....					11									
Tobacco, Raw.....														
Tallow.....					6	9			6	6				0 21
Tin.....						9				9				0 80
Turpentine.....						9			317	320				7 74
Wheat.....					317	3				3				0 26
White Lead.....					3	28			5	33				2 88
Whiting.....					15	5				5				0 13
Wool.....														
All other Goods and Merchandise not enumerated.....					600	600			341	941				134 03
Bark.....					59	59				59				1 43
Barrels, Empty.....					30	30				30				1 82

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 35.—GENERAL STATEMENT showing the Quantity of each Article transported &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Boat Knees												cts
Floats	300	106							300	106	406	7 11
Firewood, in Vessels	19,965	3,498							19,965	3,498	23,463	437 93
Rafts												
Hoops	66								66		66	9 50
Hop Poles	47,788	8,380							51,373	8,380	59,753	2 13 63
Lumber, Sawn, in Vessels	12	15							12	15	27	1 27
Rafts												
Masts, Spars and Telegraph Poles, in Vessels	223								223		223	17 84
Masts, Spars and Telegraph Poles, in Rafts												
Railway Ties, in Vessels	4,873								5,488		5,488	612 92
Rafts				615								
Saw Logs	469	276							469	276	745	17 02
Staves and Headings, Barrel	1								1		1	0 02
" Pipe												
" West India												
Staves, Salt Barrel												
Shingles	25	26							25	26	51	8 26
Split Posts and Fence Rails, in Vessels	14	12							25	12	37	4 99
Split Posts and Fence Rails, in Rafts												
Timber, Square, in Vessels												
" Rafts		20								20	20	0 38
Traverses												
Woodenware and Wood partly manufactured	4	4							4	4	8	1 40
Total Freight paying Tolls	78,779	27,001		4,211					82,990	27,001	109,991	4,401 17

Coal, Free, per O. C.....	2,257	2,257	2,257									2,257
Grand Total Freight	81,036	27,001	85,247	4,211								112,248
Total Tolls on Vessels..... 2,050 13 " Passengers 115 56 " Free coal..... 34 70 Wharfage and Storage..... 12 40 Fines and Damages 105 40 Other receipts Total Revenue, exclusive of Hydraulic Rents..... 6,719 36												

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889.

E. MIALL,
Commissioner.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 86.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal, and the amount of Revenue collected thereon, during the Season of Navigation in 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Fish.....	41	1,067							41	1,067	1,108	11 08
Flour.....	1,521	391							1,815	391	2,206	22 06
Coal.....	2,171	18,485		160			294		2,171	18,645	20,816	208 16
Lumber.....	2,660	1,466							2,660	1,466	4,126	41 26
Other Agricultural Products.....	4,805	4,295							4,805	4,295	9,100	91 00
Other Merchandise.....	1,476	317							1,476	317	1,793	17 93
Total Freight paying Tolls.....	12,674	26,021		160			294		12,968	26,181	39,149	391 49
Total Tolls on Vessels.....												1,813 08
" Passengers.....												2,204 57
Total Revenue, exclusive of Hydraulic Rents.....												

E. MIALI,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1888.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 37.—GENERAL STATEMENT showing the Quantity of each Article transported on the Newcastle District Canals, and the amount of Revenue collected, during the Season of Navigation in 1888.

ARTICLES.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Bark.....	45								45		45	\$ 0 75
Firewood.....	10,878								10,878		10,878	113 28
Lumber, Sawn.....	434								434		434	3 24
Railway Ties.....	127								127		127	4 73
Sawlogs.....	1,850								1,850		1,850	33 00
Shingles.....	79								79		79	10 42
Square Timber.....	480	200							480	200	680	14 00
Stone, unwrought.....	706								706		706	4 70
Total Freight paying Tolls...	14,599	200							14,599	200	14,799	184 12
Tolls on vessels.....												73 00
Total Revenue, exclusive of Hydraulic Rents.....												257 12

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889.

SUPPLEMENTARY

No. (A) 38.—STATEMENT of Traffic on the undermentioned Canals, and

ARTICLES.	Welland Canal.		St. Lawrence Canals.	
	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.
Canadian Vessels, steam.....	236,533	3,344 70	606,104	3,653 83
United States Vessels, steam.....	210,312	3,161 45	16,238	113 76
Canadian Vessels, sail.....	241,420	4,489 96	801,693	8,637 47
United States Vessels, sail.....	140,006	3,117 42	76,061	592 25
Total, Class No. 1.....	828,271	14,113 53	1,500,096	12,997 31
<i>Class No. 2.</i>	No.		No.	
Passengers.....	3,402	130 58	50,602	2,478 79
<i>Class No. 3.</i>	Tons.		Tons.	
Bricks.....	51	1 09	8,133	337 10
Brimstone.....	15	2 25		
Cement and Water Lime.....	352	50 48	2,952	405 48
Clay, Lime and Sand.....	948	96 66	27,297	1,091 58
Fish.....	217	32 42	502	55 94
Gypsum.....	885	47 37	3,079	100 93
Iron, Railway.....	93	10 02	10,677	1,504 39
“ Pig.....	1,602	257 75	5,640	827 17
“ all other.....	1,618	282 88	12,386	698 79
Salt.....	316	16 65	3,170	414 39
Steel.....			39	5 80
Stone, for cutting.....	6,535	1,307 00	4,640	490 57
Apples.....	902	33 72	1,667	229 85
Barley.....	5,906	830 04	1,563	59 05
Corn.....	194,886	38,977 20	7,538	223 09
Cotton, Raw.....			10	1 20
Flax and Hemp.....			12	0 95
Flour.....	16,983	2,015 59	5,965	782 60
Hay, Pressed.....	38	4 40	1,551	85 28
Meals, all kinds.....	11,927	2,349 83	689	32 01
Oil Cake.....			13	0 49
Oats.....	26,629	5,318 58	1,743	100 18
Pease.....	762	81 60	20,386	419 16
Potatoes.....	17	0 33	133	9 10
Rye.....	811	162 20		
Seeds, all kinds.....	64	12 39	9,267	384 94
Tobacco, Raw.....			8	0 87
Wheat.....	160,963	30,249 63	23,851	478 94
All other Agricultural Products, Vegetable.....	7	0 14	706	68 60
Bones.....			821	99 22
Cattle.....			365	28 07
Hogs.....			22	2 60
Hides and Skins, Horns and Hoofs.....	39	7 80	23	3 10
Horses.....	12	1 03	345	25 61
Lard and Lard Oil.....	84	16 80	206	22 75
Meats, other than Pork.....	59	11 80	49	4 62
Pork.....	345	69 00	474	33 40
Sheep.....			138	12 93
Tallow.....	432	64 50	172	8 62
Wool.....	18	3 60	14	1 81
All other Agricultural Products, Animal.....			547	65 14
Total, Class No. 3.....	433,516	82,324 85	157,093	9,116 35

APPENDIX A—Continued.

the Amount of Tolls collected during the Season of Navigation in 1888.

Chamby Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
58,011	190 66	167,964	665 64	70,360	715 96	18,733	374 66	2,387	72 00
378	4 38			514	12 61				
57,688	931 63	211,455	2,954 85	96,106	1,105 11	71,668	1,433 66	200	1 00
127,064	1,714 52	42,868	1,005 78	18,083	216 45	253	5 06		
243,141	2,841 19	422,287	4,626 27	105,063	2,050 13	90,654	1,813 08	2,587	73 00
No.		No.		No.		No.		No.	
3,488	58 28	14,112	189 55	4,193	115 56				
Tons.		Tons.		Tons.		Tons.		Tons.	
5,231	503 78	3	0 06	217	5 97				
		50	4 33	117	3 89				
5,328	535 19	8,223	189 25	23	0 55				
				171	4 12	1,108	11 08		
		10	0 78	6	0 17				
		5	0 30	309	9 27				
105	10 50	116	7 88	189	5 81				
436	37 48	5	0 20	789	24 50				
592	52 54	1	0 04	1,440	48 28				
709	58 05	50	2 90	59	2 48				
373	30 64	471	31 55	275	6 49				
				92	2 68				
377	12 78	23	1 03	432	12 58	2,206	22 06		
2,044	116 83	815	73 78	292	13 59				
		2	0 20	25	0 60				
				1	0 03				
1,050	35 03	1,088	67 11	17	0 44				
192	7 55	1,351	94 63	15	0 38				
		499	32 75	130	3 42				
9	0 30	2	0 20	15	0 37				
12	0 40	27	2 65	35	0 88				
3	0 30								
		40	3 85	326	7 74				
218	7 27	79	4 73	16	0 42	9,100	91 00		
289	28 10	23	2 05	27	1 19				
36	1 20	564	36 24	2	0 06				
		91	6 21						
3	0 10	39	3 68	12	0 43				
27	0 90	244	12 84	10	0 29				
		9	0 77	20	0 49				
		87	8 26	13	0 32				
6	0 20	78	6 57	175	4 42				
138	4 60	426	30 07	7	0 19				
39	3 90	75	5 03	6	0 21				
		1	0 10	5	0 13				
39	1 30	1,762	158 47	744	41 51				
17,256	1,448 94	16,259	788 51	6,012	203 90	12,414	124 14		

SUPPLEMENTARY

No. (A) 38.—STATEMENT of Traffic on the undermentioned Canals, and

ARTICLES.	Welland Canal.		St. Lawrence Canals.	
	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 4.</i>		\$ cts.		\$ cts.
Ashes, Pot and Pearl.....	86	17 15	79	15 80
Agricultural Implements.....			109	13 10
Crockery and Earthenware.....	150	5 71	576	113 27
Dye Woods and Dye Stuffs.....			213	11 45
Furniture.....	44	8 12	694	106 23
Glass, all kinds.....	22	2 64	531	98 97
Marble.....	4,663	699 45	22	3 82
Manilla.....	105	15 75	19	3 80
Molasses.....	152	21 14	2,252	159 38
Nails.....	290	25 72	3,463	548 34
Oil, in Barrels.....	374	24 10	1,770	194 34
Paint.....	867	126 53	486	65 46
Pitch and Tar.....			1,435	99 94
Rags.....	14	2 80	469	50 80
Rosin.....			1,880	97 80
Soda Ash.....	400	12 60	1,814	357 07
Steel.....	887	132 81	182	27 49
Sugar.....	3,230	451 94	5,404	840 14
Stone, Wrought.....	299	55 48	281	14 19
Tin.....	31	59	579	100 05
Turpentine.....			388	22 92
White Lead.....	6	0 12	129	22 18
Whiting.....	392	58 80	371	72 58
Whiskey, and all other Spirits.....	260	38 91	1,002	183 62
Merchandise, not enumerated.....	24,682	3,669 75	10,581	1,625 92
Total, Class No. 4.....	36,854	5,370 11	34,729	4,848 66
<i>Class No. 5.</i>				
Bark.....				
Barrels, empty.....	302	36 69	239	20 38
Boat Knees.....				
Floats.....	429	5 09	4,240	74 20
Firewood, in Vessels.....	19,110	838 11	13,573	491 72
" in Rafts.....			186	3 89
Lumber Sawn, in Vessels.....	59,604	10,216 98	55,789	2,185 28
" in Rafts.....			69	3 84
Hoops.....			13	1 40
Railway Ties, in Vessels.....	1,324	189 51	4,409	104 53
" in Rafts.....				
Masts, Spars and Telegraph Poles, in Vessels.....			1	0 02
" in Rafts.....			23,735	594 05
Square Timber, in Vessels.....	45,275	6,786 43	2,995	37 74
" in Rafts.....	221	24 62	4,405	153 64
Woodenware and Wood partly manufactured.....	134	53 60	86	21 80
Shingles.....	18	5 21	49	9 00
Split Posts and Fence Rails, in Vessels.....			14	4 00
" in Rafts.....			2	0 40
Saw Logs.....	10,000	332 71	20,573	470 57
Staves and Headings, Barrel.....	104	11 68	67	5 20
" " Pipe.....	543	101 43	149	4 88
" " West India.....	1,247	233 18	974	53 84
" " Salt Barrel.....	2	0 15		
Traverses.....			10,614	27 58
Hop Poles.....				
Total, Class No. 5.....	138,313	18,835 89	142,187	4,267 96

APPENDIX A—Continued.

the amount of Tolls collected, &c.—Continued.

Chambly Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.
.....	.....	61	11 59	44	10 70	.....	.....	.....	.....
9	0 40	27	4 27	101	13 95	.....	.....	.....	.....
6	0 60	.....	.....	22	3 03	.....	.....	.....	.....
130	12 70	.....	.....	.....	.....	.....	.....	.....	.....
32	1 20	44	6 12	29	3 30	.....	.....	.....	.....
.....	.....	.....	.....	12	2 02	.....	.....	.....	.....
.....	.....	.....	.....	14	1 24	.....	.....	.....	.....
.....
1,659	160 64	2	0 20	80	7 00	.....	.....	.....	.....
9	0 30	3	0 30	187	17 44	.....	.....	.....	.....
622	60 48	12	1 45	132	12 99	.....	.....	.....	.....
8	0 60	.....	.....	2	0 18	.....	.....	.....	.....
899	89 90	.....	.....	19	1 67	.....	.....	.....	.....
.....	.....	50	8 86	15	2 19	.....	.....	.....	.....
1,969	196 90	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	14	1 58	.....	.....	.....	.....
12	0 40	.....	.....	.....	.....	.....	.....	.....	.....
1,309	130 30	4	0 40	476	45 46	.....	.....	.....	.....
.....	.....	1	0 19	9	0 80	.....	.....	.....	.....
342	34 20	.....	.....	.....	.....	.....	.....	.....	.....
3	0 10	2	0 38	3	0 26	.....	.....	.....	.....
.....	.....	.....	.....	33	2 88	.....	.....	.....	.....
.....	.....	1	0 19	84	7 54	.....	.....	.....	.....
2,581	208 66	365	49 29	941	134 03	1,793	17 93	.....	.....
.....
9,590	897 88	572	83 24	2,217	268 26	1,793	17 93	.....	.....
.....
.....	.....	.....	.....	59	1 43	.....	.....	45	0 75
.....	.....	80	10 17	30	1 82	.....	.....	.....	.....
.....
333	18 21	26,724	376 51	406	7 11	.....	.....	.....	.....
300	10 00	67,719	2,640 25	33,463	437 93	.....	.....	10,878	113 28
.....	.....	7,506	82 06	.....	.....	.....	.....	.....	.....
91,874	5,348 32	530,985	41,387 27	59,753	2,313 63	.....	.....	434	3 24
.....	.....	2,221	150 89	27	1 27	.....	.....	.....	.....
.....	.....	29	2 50	.....	.....	.....	.....	.....	.....
12,913	990 44	1,705	164 60	5,488	612 92	.....	.....	127	4 73
.....	.....	1,784	165 29	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	223	17 84	.....	.....	.....	.....
.....
126	12 59	8,080	92 40	20	0 38	.....	.....	680	14 00
.....	.....	.....	.....	8	1 40	.....	.....	.....	.....
38	5 90	419	277 08	51	8 26	.....	.....	79	10 42
8	0 54	.....	.....	57	4 99	.....	.....	.....	.....
.....	.....	11	2 32	.....	.....	.....	.....	.....	.....
.....	.....	10,145	255 62	745	17 02	.....	.....	1,850	33 00
.....	.....	1	0 15	1	0 02	.....	.....	.....	.....
.....
.....
14	0 24	220	1 35	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	66	9 50	.....	.....	.....	.....
105,606	6,386 24	657,629	45,608 46	90,377	3,435 52	.....	.....	14,093	179 42

SUPPLEMENTARY

No. (A) 38.—STATEMENT of Traffic in the undermentioned

ARTICLES.	Welland Canal.		St. Lawrence Canals.	
	Tons.	Tolls.	Tons.	Tolls.
<i>Special Class.</i>		\$ cts.		\$ cts.
Coal.....	223,871	43,901 23	143,624	19,650 30
Kryolite or Chemical Ore.....			362	18 10
Iron Ore.....	16,872	843 60		
Stone, unwrought, not suitable for cutting.....	6,278	536 50	7,114	209 40
Ice				
Total, Special Class.....	247,021	45,281 33	151,100	19,877 80
Total Freight and Tolls.....	855,704	166,055 79	485,109	53,586 87
Timber and other Wood, Free.....	3,786	182 91	18,172	2,154 74
Wheat, Corn, Flour, Iron, Salt, Coal, &c., &c., Free.....	19,310	2,896 50	278,318	9,973 03
Grand Total, Passengers and Tonnage of Vessels not included.....	878,800	169,135 20	781,599	65,714 64

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889

APPENDIX A—Continued.

Canals, and the Amount of Tolls collected, &c.—Concluded.

Chambly Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Newcastle District Canals.	
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
	\$ cts.		\$ cts.		cts.				\$ cts.
108,994	10,650 09	327	10 90	9,523	417 74	20,816	208 16	.....	.....
.....	.....	830	41 50	1,171	58 55	.....	.....	.....	.....
.....	.....	.....	.....	691	17 20	.....	.....	706	4 70
.....
108,994	10,650 09	1,157	52 40	11,385	493 49	20,816	208 16	706	4 70
.....
241,446	22,282 62	675,617	51,348 43	109,991	6,566 86	39,149	2,204 57	14,799	257 12
.....	.....	17,632	254 83	.....	.....	.....	.....	.....	.....
307	30 70	.....	.....	2,257	60 24	.....	.....	.....	.....
.....
241,753	22,313 32	693,249	51,603 26	112,248	6,627 10	39,149	2,204 57	14,799	257 12

E. MIALL,
Commissioner.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 40.—STATEMENT showing the Amount of Tolls accrued each month during the Season of Navigation ended 31st December, 1888.

Canals and Offices.	January.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
WELLAND CANAL.											
Chippawa.....		2 20	3 42	10 72	17 13	5 40	8 20	23 87	14 22	7 81	92 97
Colborne.....		1,537 72	13,250 86	18,137 26	15,462 83	20,130 22	16,433 40	15,684 23	10,145 83	16 16	110,738 61
Dalhousie.....		1,304 89	10,173 50	8,409 55	7,350 82	6,823 62	6,963 96	7,062 49	4,582 12	0 76	52,781 71
Dunnville.....		5 25	27 84	85 78	32 09	72 08	.....	69 36	70 20	.....	363 60
Maitland.....			7 75	3 75	14 17	13 35	.....	0 54	0 25	.....	69 64
Robinson.....		76 90	288 90	225 55	239 64	169 41	120 62	129 14	58 77	18 66	1,327 59
St. Catharines.....		58 51	150 74	74 64	82 92	75 57	105 06	63 51	21 11	4 61	642 67
Total, Welland Canal...		2,985 47	23,903 01	27,037 25	23,199 70	27,289 65	23,661 07	23,033 14	14,898 50	48 00	166,055 79
ST. LAWRENCE CANALS.											
Beauharnois.....			51 28	327 35	116 64	73 25	132 11	148 17	34 79	.....	883 59
Cardinal.....			43 54	97 30	108 05	156 93	133 38	70 34	188 10	4 85	803 09
Cornwall.....			880 95	2,362 43	2,600 08	2,259 25	3,095 08	748 84	1,900 77	75 44	13,922 84
Kingston.....			2,237 43	1,502 29	2,232 49	2,370 32	1,744 36	645 06	293 07	.....	11,045 02
Lachine.....			211 23	336 53	363 59	325 51	501 89	326 73	258 96	0 25	2,521 79
Montreal.....			2,945 41	4,886 37	4,171 23	4,649 78	3,627 56	2,537 33	1,586 86	.....	24,401 54
Total, St. Lawrence Canals.....			6,369 84	9,512 27	9,592 18	10,035 04	9,257 98	4,476 47	4,262 55	80 54	53,586 87
CHAMBLEY CANAL.											
Chambley.....			224 05	1,424 95	1,103 60	1,291 69	1,052 65	1,315 21	807 37	.....	7,219 52
St. Johns.....			2,459 63	2,167 47	2,029 08	2,194 69	2,816 99	1,937 35	943 01	.....	14,538 22
St. Ours.....			43 18	65 99	76 15	77 18	81 20	99 53	79 00	.....	524 88
Total, Chambley Canal...			2,726 86	3,648 41	3,208 83	3,563 56	3,950 84	3,352 09	1,829 36	.....	22,282 62

OTTAWA CANALS.										
Ottawa.....	5,601 25	4,974 82	4,603 02	3,557 64	4,688 19	1,813 38	30,964 39			
Carillon.....	265 12	179 33	42 00	18 74	64 77	24 66	831 34			
Grenville.....	3,012 00	2,808 09	2,768 28	1,903 90	2,705 94	1,856 07	18,239 36			
St. Ann's.....	255 23	208 34	232 35	230 74	256 11	131 99	1,513 34			
Total, Ottawa Canals.....	8,902 90	8,170 58	7,645 65	5,701 02	7,705 01	3,826 10	51,348 43			
RIDEAU CANAL.										
Kingston Mills.....	136 97	354 17	261 29	263 22	169 89	50 77	1,401 74			
Ottawa.....	434 77	1,006 57	765 25	549 27	573 49	284 20	4,580 26			
Smith's Falls.....	98 96	101 75	140 61	41 21	86 50	34 68	584 86			
Total, Rideau Canal.....	670 70	1,462 49	1,167 15	853 70	829 88	369 65	6,566 86			
ST. PETER'S CANAL.										
St. Peter's.....	2 69	1 84	317 14	313 81	345 20	263 60	2,204 57			
NEWCASTLE DISTRICT CANALS.										
Bobcaygeon.....	5 70	23 09	32 19	56 47	8 07	.....	161 34		
Peterborough.....	11 00	10 50	10 50	7 00	10 00	11 10	76 60			
Hastings.....	.....	2 50	7 50	2 98	3 10	2 10	19 18		
Total, Newcastle District Canals.....	16 70	36 09	50 19	66 45	21 17	13 20	237 12			
Grand Total.....	2 69	2,989 96	42,989 78	51,054 56	45,864 54	50,068 38	301 54			
				43,804 87	39,762 96	25,462 98	302,302 26			

NOTE.—Amount of tolls on grain through Welland Canal, refunded as per Order in Council 20th April, 1888, \$30,580.02.

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889.

E. MIALI,
Commissioner.

SUPPLEMENTARY APPENDIX A—Continued

No. (A) 41.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through all the Canals during the Season of Navigation ended 31st December, 1888, and the amount of Tolls collected thereon.

Vessels.	Total Number.		From Canadian to Canadian Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
WELLAND CANAL.												
Canadian Vessels, steam.....	745	54,617	55,235	3,181	582	.....	5,163	60,406	115,597	120,936	236,533	3,344 70
“ “ sail	1,150	49,250	55,072	9,644	634	.....	17,076	56,891	122,032	119,388	241,420	4,489 96
Total Canadian	1,895	103,867	110,307	12,825	1,216	.....	22,239	117,287	237,629	240,324	477,953	7,834 66
United States Vessels, steam....	303	18	1,478	433	104,517	100,046	374	3,426	106,387	103,925	210,312	3,161 45
“ “ sail	449	406	2,744	979	64,848	48,768	.....	22,146	67,998	72,008	140,006	3,117 42
Total United States	752	424	4,222	1,412	169,365	148,814	374	25,572	174,385	175,933	350,318	6,278 87
Grand Total, Welland Canal....	2,647	104,291	114,529	14,237	170,581	148,814	22,613	142,859	412,014	416,257	828,271	14,113 53
St. Lawrence Canals.												
Canadian Vessels, steam	2,880	315,450	271,940	16,492	.....	.....	.....	2,222	331,942	274,162	606,104	3,653 83
“ “ sail	4,918	458,541	278,865	22,703	.....	.....	.....	41,548	481,280	320,413	801,693	8,637 47
Total Canadian	7,798	773,991	550,805	39,195	.....	.....	.....	43,770	813,222	594,575	1,407,797	12,291 30
United States Vessels, steam....	411	324	1,075	22	7,001	6,025	22	1,123	8,428	7,810	16,238	113 76
“ “ sail	796	840	1,314	7,133	1,342	1,256	48,505	3,086	52,001	24,060	76,061	592 25
Total United States	1,207	1,164	2,389	7,155	8,349	7,281	48,527	4,209	60,429	31,870	92,299	706 01
Grand Total, St. Lawrence Canals	9,005	775,155	564,030	41,584	8,385	7,281	48,527	47,979	873,651	626,445	1,500,096	12,297 31

CHAMBLEY CANAL.														
Canadian Vessels, steam	335	28,974	28,131	9	.....	.....	.....	.....	.....	897	28,983	29,028	59,011	190 66
" " sail	619	9,891	10,818	7,813	1,334	.....	.....	.....	.....	27,922	17,614	40,074	57,688	931 63
Total Canadian	974	38,775	38,949	7,822	1,334	.....	.....	.....	.....	28,819	46,597	69,102	115,699	1,122 29
United States Vessels, steam	10	230	.....	138	.....	.....	.....	.....	.....	10	368	10	378	4 38
" " sail	1,293	416	1,675	34,290	5,861	.....	.....	.....	.....	84,822	34,706	92,368	127,064	1,714 52
Total United States	1,303	646	1,675	34,428	5,861	.....	.....	.....	.....	84,832	35,074	92,368	127,442	1,718 90
Grand Total, Chambly Canal.....	2,277	39,421	40,624	42,260	7,195	.....	.....	.....	.....	113,651	81,671	161,470	243,141	2,841 19
OTTAWA CANALS.														
Canadian Vessels, steam.....	1,029	54,703	112,477	.....	784	.....	.....	.....	.....	.....	54,703	113,261	167,964	665 64
" " sail.....	1,709	12,237	179,890	.....	19,238	.....	.....	.....	.....	.....	12,237	189,218	211,455	2,994 85
Total Canadian.....	2,738	66,940	292,367	.....	20,112	.....	.....	.....	.....	.....	66,940	312,479	379,419	3,620 49
United States Vessels, steam.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
" " sail.....	436	5,627	745	.....	35,619	.....	.....	.....	.....	.....	6,504	36,373	42,868	1,005 78
Total United States.....	436	5,627	745	.....	35,619	.....	.....	.....	.....	.....	6,504	36,373	42,868	1,005 78
Grand Total, Ottawa Canals.....	3,174	72,567	293,112	.....	55,731	.....	.....	.....	.....	.....	73,444	348,852	422,287	4,626 27
RIDEAU CANAL.														
Canadian Vessels, steam.....	1,141	33,552	36,630	178	.....	.....	.....	.....	.....	.....	33,750	36,630	70,360	715 96
" " sail.....	1,388	46,835	48,564	707	.....	.....	.....	.....	.....	.....	47,542	48,564	96,106	1,105 11
Total Canadian.....	2,529	80,387	85,194	885	.....	.....	.....	.....	.....	.....	81,272	85,194	166,466	1,821 07
United States Vessels, steam.....	57	251	263	.....	.....	.....	.....	.....	.....	.....	.....	263	514	12 61
" " sail.....	170	6,114	10,583	1,386	.....	.....	.....	.....	.....	.....	7,500	10,583	18,083	216 45
Total United States.....	220	6,365	10,846	1,386	.....	.....	.....	.....	.....	.....	7,751	10,846	18,597	229 06
Grand Total, Rideau Canal.....	2,749	86,752	96,040	2,271	.....	.....	.....	.....	.....	.....	89,023	96,440	185,063	2,050 13

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 41.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels, &c.—Concluded.

Vessels.	Total Number	From Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. \$ cts.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
St. Peter's Canal.													
Canadian Vessels, steam.....	111	10,428	8,175	.....	.....	.....	.....	130	.....	10,568	8,175	18,733	374 66
" " sail.....	1,470	36,736	34,651	.....	97	.....	.....	184	.....	36,920	34,748	71,668	1,483 36
Total Canadian.....	1,581	47,164	42,826	.....	97	.....	.....	314	.....	47,478	42,923	90,401	1,858 02
United States Vessels, steam.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
" " sail.....	3	78	175	.....	.....	.....	.....	.....	.....	78	175	253	5 06
Total United States.....	3	78	175	.....	.....	.....	.....	.....	.....	78	175	253	5 06
Grand Total, St. Peter's Canal.	1,584	47,242	43,001	.....	97	.....	.....	314	.....	47,556	43,098	90,654	1,863 08
NEWCASTLE DISTRICT CANALS.													
Canadian Vessels, steam.....	144	2,166	221	.....	.....	.....	.....	.....	.....	2,166	221	2,387	72 00
" " sail.....	2	.....	200	.....	.....	.....	.....	.....	.....	.....	200	200	1 00
Total Canadian.....	146	2,166	421	.....	.....	.....	.....	.....	.....	2,166	421	2,587	73 00
United States Vessels, steam.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
" " sail.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total United States.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Total, Newcastle District Canals.....	146	2,166	421	.....	.....	.....	.....	.....	.....	2,166	421	2,587	73 00

RECAPITULATION.

CANADIAN VESSELS.												
<i>Steam and Sail.</i>												
Welland.....	1,895	103,867	110,212	110,307	12,825	1,216	22,239	117,287	237,629	240,324	471,953	7,824 66
St. Lawrence.....	7,798	773,991	550,805	39,195	30	30	.....	43,770	813,232	504,575	1,401,797	12,291 30
Chamby.....	974	38,775	38,949	7,822	1,334	.....	.....	28,819	46,597	69,162	115,690	1,132 29
Ottawa.....	2,738	66,940	292,367	.....	20,112	.....	.....	66,940	312,479	379,419	379,419	3,620 49
Rideau.....	2,529	80,387	85,194	885	97	.....	314	.....	81,272	85,194	166,466	1,821 07
St. Peter's.....	1,581	47,164	42,826	.....	.....	.....	.....	.....	47,178	42,923	90,401	1,808 02
Newcastle District Canals.....	146	2,166	421	.....	.....	.....	.....	.....	2,166	421	2,587	73 00
Total Canadian	17,661	1,113,290	1,120,774	158,209	34,368	1,252	22,553	189,876	1,255,304	1,315,018	2,640,322	28,570 83
UNITED STATES VESSELS.												
<i>Steam and Sail.</i>												
Welland.....	752	424	135	4,222	1,412	169,365	148,814	374	174,385	175,933	350,318	6,218 87
St. Lawrence.....	1,207	1,164	13,225	2,389	7,155	8,349	7,281	48,527	60,429	31,870	92,294	706 01
Chamby.....	1,303	646	1,675	34,428	5,861	.....	.....	84,832	33,074	92,368	124,442	1,718 90
Ottawa.....	436	5,627	745	.....	35,619	.....	.....	877	6,504	36,364	42,868	1,065 78
Rideau.....	220	6,365	10,846	1,386	.....	.....	.....	.....	7,751	10,846	18,597	229 06
St. Peter's.....	3	78	175	.....	.....	.....	.....	.....	78	175	253	5 06
Total United States	3,921	14,304	26,801	42,425	50,047	177,714	156,095	49,778	284,221	347,556	631,777	9,913 68
Grand Total Canadian and United States.....	17,682	1,127,594	1,147,575	200,634	84,415	178,966	156,095	72,331	304,489	1,672,574	3,272,099	38,514 51

E. MIALI,
Commissioner.

INLAND REVENUE, DEPARTMENT,
OTTAWA, 28th March, 1889.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 41½.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation of 1887 and 1888, and the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1887.												
Welland Canal	23,849	76,130	32,518	18,557	151,074	189,427	34,400	251,873	241,931	535,987	777,918	144,561 75
St. Lawrence Canals	190,804	534,165	11,566	5,997	731	3,101	51,884	88,734	254,985	631,397	886,982	60,195 12
Chambly Canal	7,655	6,115	92,627	.....	.....	.....	.....	116,876	100,282	122,980	223,272	29,468 94
Rideau Canal	76,038	14,558	1,981	.....	.....	.....	.....	.....	78,026	14,468	92,478	5,417 21
Ottawa Canals	638	504,400	.....	178,009	.....	.....	.....	.....	638	682,409	683,047	54,597 02
St. Peter's Canal	22,183	18,991	.....	.....	.....	.....	.....	.....	22,183	18,991	41,174	2,508 30
Newcastle District Canals.....	15,480	165	.....	.....	.....	.....	.....	.....	15,480	165	16,645	330 16
1888.												
Welland Canal	21,968	119,827	39,153	23,016	213,689	221,064	22,451	217,632	297,261	581,539	878,800	166,055 79
St. Lawrence Canals	214,420	411,840	10,079	1,419	718	2,365	58,845	81,913	284,062	497,537	781,599	53,566 87
Chambly Canal	10,276	5,999	84,684	11,961	.....	.....	21	128,812	94,981	146,772	241,753	22,282 62
Rideau Canal	81,036	21,001	4,211	.....	.....	.....	.....	.....	85,247	27,001	112,248	6,506 86
Ottawa Canals	192	555,372	.....	137,683	.....	.....	.....	.....	.....	683,087	683,249	51,348 43
St. Peter's Canal	12,674	26,021	.....	160	.....	.....	294	.....	12,968	26,181	39,149	2,204 57
Newcastle District Canals.....	14,549	200	.....	.....	.....	.....	.....	.....	14,699	200	14,799	257 12

E MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 28th March, 1889.

APPENDIX A—Continued.

No. 45.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1888.

WELLAND AND ST. LAWRENCE CANALS.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	29	232	22	176	13	104		
10	8	80	11	110	5	50		
15	9	135	3	45	3	45	1	15
20	11	220	7	140	6	120	1	20
25	12	300	4	100	3	75	2	50
30	19	570	1	30	4	120	1	30
35	13	455	16	560	3	105		
40	5	200	26	1,040	1	40	1	40
45	9	405	6	270	1	45		
50	2	100	13	650	2	100		
55	2	110	5	275	1	55		
60	5	300	6	360				
65	3	195	6	390	1	65		
70	4	280	3	210			1	70
75	2	150	11	825			3	225
80	3	240	8	640			2	160
85	6	510	14	1,190			10	850
90	1	90	21	1,890			24	2,160
95	3	285	20	1,900			65	6,175
100	2	200	24	2,400			64	6,400
105	8	840	26	2,730			36	3,780
110	2	220	15	1,650	2	220	27	2,970
115	2	230	15	1,725			2	230
120	1	120	7	840	2	240	4	480
125	1	125	14	1,750			1	125
130	1	130	13	1,690			1	130
135			9	1,215				
140	1	140	11	1,540			1	140
145	1	145	9	1,305				
150	1	150	26	3,900				
155	3	465	26	4,030	1	155		
160	2	320	17	2,720			2	320
165	2	330	11	1,815				
170			4	680				
175	1	175	8	1,400				
180			3	540				
185	1	185	9	1,665				
190	1	190	4	760				
195	1	195	6	1,170				
200	3	600	5	1,000	1	200	1	195
205			2	410			2	410
210	3	630	3	630			1	210
215			2	430				
220			2	440			1	220
225	1	225	5	1,125			1	225
230	1	230	4	920	1	230	1	230
235	1	235	2	470			2	470
240	1	240	4	960				
245	2	490	2	490			1	245
250								
255			1	255			2	510
260			2	520			2	520
265			1	265	1	265	2	530
270	1	270	2	540			1	270

APPENDIX A—Continued.

No. 45.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—Continued.

WELLAND AND ST. LAWRENCE CANALS—Concluded.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
275			5	1,375			6	1,650
280	1	280					1	280
285			4	1,140			7	1,995
290			2	580				
295	2	590	2	590			3	885
300	2	600	3	900			3	900
305	2	610	5	1,525			4	1,220
310			5	1,550			2	620
315	1	315	4	1,260			5	1,575
320			7	2,240			3	960
325			5	1,725			2	650
330			7	2,310			3	990
335	1	335	4	1,340			1	335
340			4	1,360			1	340
345	1	345						
350			3	1,050			1	350
355					1	355	1	355
360			2	720				
365			4	1,460				
370			2	740			1	370
375			3	1,125			1	375
380								
385	1	385	1	385			1	385
390	1	390						
395	3	1,185						
400	1	400	1	400				
405								
410	2	820	1	410				
415			1	415			1	415
420								
425			2	850				
430	1	430						
435	1	435	2	870				
440	2	880	2	880				
445								
450								
455	1	455	1	455				
460								
465			1	465				
470								
475							1	475
480								
485	1	485	1	485			2	970
490								
495							2	990
500	1	500	1	500				
505								
510	3	1,530						
515			1	515				
520			2	1,040				
525					1	525		
530	1	530						
535								

APPENDIX A—Continued.

No 45.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—Concluded.
WELLAND AND ST. LAWRENCE CANALS—Concluded.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam	Vessels.	Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
540	2	1,080			1	540		
545								
550					1	550		
555								
560								
565			1	565				
570								
575	1	575						
580	3	1,740						
585	2	1,170						
590								
595	2	1,190			1	595		
600	1	600					2	1,200
605								
610								
615	1	615			1	615		
620								
625								
628			1	628				
640							1	640
655					1	655		
660	1	660						
675	1	675						
690	1	690						
715	1	715						
769	1	769						
782							1	782
802							1	802
812	1	812						
836	1	836						
851					1	851		
910					1	910		
929	1	929						
985					1	985		
990					1	990		
1,001			1	1,001				
1,024					1	1,024		
1,035					1	1,035		
1,037					1	1,037		
1,105					1	1,105		
1,160					1	1,160		
1,172	1	1,172						
1,195					1	1,195		
1,203					1	1,203		
1,425					1	1,425		
1,441					1	1,441		
Total.....	240	38,260	588	77,635	71	20,430	323	47,914

RIDEAU, OTTAWA AND CHAMBLY CANALS.

8	81	648	210	1,680	9	72	7	56
10	10	100	33	330	2	20		
15	8	120	3	45	3	45		
20	5	100	1	20	1	20	2	40

APPENDIX A—Continued.

No. 45.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—Concluded.

WELLAND AND ST. LAWRENCE CANALS—Concluded.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
25	6	150	4	100	1	25		
30	4	120	3	90	3	90		
35	7	245	5	175	1	35		
40	3	120	4	160				
45	1	45	4	180				
50	4	200	8	400	2	100		
55	3	165	3	165	1	55		
60	3	180	6	360				
65	2	130	2	130			2	130
70	1	70	3	210				
75	1	75	10	750			3	225
80			7	560			4	320
85	2	170	11	935			11	935
90	1	90	8	720			38	3,420
95	3	285	29	2,855			95	9,025
100	2	200	40	4,000			108	10,800
105	2	210	23	2,415			47	4,935
110	1	110	7	770			33	3,630
115			11	1,265			11	1,265
120			9	1,080			6	720
125	1	125	10	1,250				
130			7	910			1	130
135			6	810				
140			8	1,120	1	140		
145	1	145	12	1,740				
150	1	150	27	4,050				
155			29	4,495				
160			14	2,240				
165			10	1,650			1	165
170			8	1,360				
175			1	175				
180								
185	1	185	6	1,110				
190	1	190	2	380				
195			1	195				
200			1	200				
205			1	205				
210	1	210						
220								
225			1	225				
230	1	230						
235			1	235				
240								
245			1	245				
250								
255								
260			1	260				
265								
270								
275			1	275				
332	1	332						
345	2	690						
397	1	397						
Total.....	116	6,187	592	42,525	24	602	369	35,796

E. MIALL, Commissioner.

INLAND REVENUE DEPARTMENT, OTTAWA, 28th March, 1889.

APPENDIX A -- Continued -- CANALS.

No. 46. -- STATEMENT showing the Classified Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1888.

CANADIAN.										UNITED STATES.										
WELLAND AND ST. LAWRENCE CANALS.					RIDEAU, OTTAWA AND CHAMBLEY.					WELLAND AND ST. LAWRENCE CANALS.					RIDEAU, OTTAWA AND CHAMBLEY.					
Class.	Steam Vessels.	No.	Tonnage.	% Cl	Sailing Vessels.	No.	Tonnage.	% Cl	Steam Vessels.	No.	Tonnage.	% Cl	Sailing Vessels.	No.	Tonnage.	% Cl	Steam Vessels.	No.	Tonnage.	
1	250 to 1,172 tons	51	26,598	1	250 to 1,001 tons	97	34,431	1	250 to 1,441 tons	21	18,461	1	250 to 802 tons	64	21,339	1	250 to 307 tons	4	1,419	1
2	200 to 249 "	12	2,670	2	200 to 249 "	31	6,875	2	200 to 249 "	2	430	2	200 to 249 "	9	2,010	2	200 to 249 "	3	525	2
3	150 to 199 "	12	2,010	3	150 to 199 "	114	18,680	3	150 to 199 "	1	155	3	150 to 199 "	3	515	3	150 to 199 "	7	700	3
4	100 to 149 "	19	2,150	4	100 to 149 "	143	16,845	4	100 to 149 "	4	460	4	100 to 149 "	136	14,255	4	100 to 149 "	20	1,365	4
5	50 to 99 "	31	2,260	5	50 to 99 "	107	8,330	5	50 to 99 "	4	220	5	50 to 99 "	105	9,640	5	50 to 99 "	125	1,648	5
6	Under 50 "	115	2,597	6	Under 50 "	96	2,471	6	Under 50 "	39	704	6	Under 50 "	6	185	6	Under 50 "	161	6,187	6
	Total.....	240	38,265		Total.....	588	87,635		Total.....	71	20,430		Total.....	323	47,914		Total.....	369	35,796	
1	250 to 397 tons	4	1,419	1	250 to 275 tons	2	535	1	250 to 300 tons	1	250	1	250 to 300 tons	1	250	1	250 to 397 tons	4	1,419	1
2	200 to 249 "	2	440	2	200 to 249 "	5	1,110	2	200 to 249 "	2	440	2	200 to 249 "	2	440	2	200 to 249 "	2	440	2
3	150 to 199 "	3	525	3	150 to 199 "	98	15,655	3	150 to 199 "	1	140	3	150 to 199 "	1	140	3	150 to 199 "	3	525	3
4	100 to 149 "	7	700	4	100 to 149 "	133	15,360	4	100 to 149 "	3	155	4	100 to 149 "	206	21,480	4	100 to 149 "	7	700	4
5	50 to 99 "	20	1,365	5	50 to 99 "	87	7,085	5	50 to 99 "	3	155	5	50 to 99 "	153	14,055	5	50 to 99 "	20	1,365	5
6	Under 50 "	125	1,648	6	Under 50 "	287	2,780	6	Under 50 "	20	307	6	Under 50 "	9	185	6	Under 50 "	125	1,648	6
	Total.....	161	6,187		Total.....	582	42,525		Total.....	24	602		Total.....	369	35,796		Total.....	369	35,796	

INLAND REVENUE DEPARTMENT,
 OTTAWA, 28th March, 1889,

E. MIALL,
 Commissioner.

No. 47.—RATES of Tolls on the Canals

WELLAND, ST. LAWRENCE, RIDEAU, OTTAWA AND CHAMBLY

The Rates of Tolls are divided into Five Classes, as under, and are per ton, unless otherwise specified.									
	Welland Canal, westward.	Welland Canal, eastward.	Lake Erie to Montreal.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock, each way.	Rideau Canal, each way.	Ottawa Canals and St. Anne's Lock, each way.	Ottawa to St. John's, each way.	
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Class No. 1.</i>									
Vessels, Steam.....per ton.	0 01 $\frac{1}{2}$	0 01 $\frac{1}{2}$	0 02 $\frac{1}{2}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 01 $\frac{1}{2}$	0 00 $\frac{5}{8}$	0 01 $\frac{1}{2}$	0 01 $\frac{1}{2}$
do Sail and other.....	0 02 $\frac{1}{2}$	0 02 $\frac{1}{2}$	0 03 $\frac{3}{4}$	0 01 $\frac{1}{2}$	0 00 $\frac{3}{4}$	0 02 $\frac{1}{2}$	0 01	0 01 $\frac{1}{2}$	0 02 $\frac{1}{2}$
<i>Class No. 2.</i>									
Passengers, 21 years of age and upwards.....	0 10	0 10	0 20	0 10	0 05	0 08	0 02 $\frac{1}{2}$	0 09 $\frac{1}{2}$	0 09 $\frac{1}{2}$
do under 21 years each.....	0 05	0 05	0 10	0 05	0 02	0 04	0 01 $\frac{1}{2}$	0 04 $\frac{1}{2}$	0 04 $\frac{1}{2}$
<i>Class No. 3.</i>									
Bricks, Cement and Water Lime	15	0 20	0 20	0 15	0 10	0 07	0 06	0 19 $\frac{1}{2}$	0 19 $\frac{1}{2}$
Clay, Lime and Sand.....									
Brimstone									
Corn.....									
Flour.....									
Iron, Railway.....									
do Pig.....									
do all other.....									
Plaster, Gypsum.....									
Salt.....									
Salt Meats or Fish, in barrels or otherwise....	0 15	0 20	0 20	0 20	0 10	0 26	0 14	0 29	
Agricultural Products, Vegetable, not enumerated.....									
Agricultural Products, Animal, not enumerated.....									
Stone, for Cutting									
Wheat									
<i>Class No. 4.</i>									
All other Articles, not enumerated.....	0 15	0 20	0 20	0 20	0 10	0 26	0 14	0 29	0 29
<i>Class No. 5.</i>									
Bark.....	0 20	0 20	0 20	0 15	0 10	0 07	0 06	0 19 $\frac{1}{2}$	0 19 $\frac{1}{2}$
Barrels, Empty, each.....	0 02	0 02	0 02	0 02	0 02	0 02	0 01	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$
Boat Knees, each.....	0 05	0 05	0 05	0 02	0 02	0 02	0 01	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$
Floats, per 1,000 lineal feet.....	1 40	1 40	1 40	1 20	1 40	1 05	0 50	2 05	2 05
Firewood, per cord, in Vessels	0 20	0 20	0 20	0 20	0 10	0 15	0 08	0 23	0 23
do do Rafts.....	0 25	0 25	0 25	0 25	0 15	0 19	0 09	0 30 $\frac{1}{2}$	0 30 $\frac{1}{2}$
Hoops.....	0 25	0 25	0 25	0 20	0 15	0 15	0 10	0 30	0 30
Masts and Spars, Telegraph Poles, per ton of 40 cubic feet, in Vessels	0 15	0 15	0 15	0 05	0 05	0 08	0 07	0 13 $\frac{1}{2}$	0 13 $\frac{1}{2}$
Masts and Spars, Telegraph Poles, per ton, of 40 cubic feet, in Rafts	0 20	0 20	0 20	0 10	0 10	0 15	0 10	0 22 $\frac{1}{2}$	0 22 $\frac{1}{2}$
Railway Ties, in Vessels, each.....	0 01	0 01	0 01	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 01 $\frac{1}{2}$	0 01 $\frac{1}{2}$
do do Rafts, each.....	0 02	0 02	0 02	0 01	0 01	0 02	0 01	0 02 $\frac{1}{2}$	0 02 $\frac{1}{2}$
Sawed Stuff, Boards, Plank, Scantling and Sawed Timber, per M. feet, board measure, in Vessels.....	0 30	0 30	0 30	0 15	0 10	0 11 $\frac{1}{2}$	0 06 $\frac{1}{2}$	0 20	0 20
Sawed Stuff, Boards, Plank, Scantling and Sawed Timber, per M. feet, board measure, in Rafts.....	0 60	0 60	0 60	0 30	0 20	0 19	0 09	0 36 $\frac{1}{2}$	0 36 $\frac{1}{2}$
Square Timber, per M. cubic feet, in Vessels.	3 00	3 00	3 00	1 00	1 00	0 56	0 44	1 69	1 69
Square Timber, per M. cubic feet, in Rafts..	4 50	4 50	4 50	2 00	2 00	1 12	0 63	3 13	3 13

of the Dominion of Canada, 1888.

CANALS (TRENT VALLEY CANAL, O. C. 25TH JULY, 1888.)

1ST SECTION.	2ND SECTION.	3RD SECTION.	4TH SECTION.	THROUGH.	Whitlaw's to Hastings.
Fenelon Falls to Bobcaygeon.	Bobcaygeon to Buckhorn.	Buckhorn to Burleigh.	Burleigh to Lakefield.	Fenelon Falls to Lakefield.	
Tolls Chargeable at Fenelon Falls.	Tolls Chargeable at Bobcaygeon.	Tolls Chargeable to Buckhorn.	Tolls Chargeable at Burleigh.	Tolls Chargeable at Fenelon Falls.	Tolls Chargeable at Whitlaw's.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
0 00 ³ / ₈ 0 00 ¹ / ₄	0 00 ³ / ₈ 0 00 ¹ / ₄	0 00 ³ / ₈ 0 00 ¹ / ₄	0 00 ³ / ₈ 0 00 ¹ / ₄	0 00 ³ / ₈ 0 01	0 00 ³ / ₈ 0 00 ¹ / ₄
0 01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 04 0 02	0 01 0 00 ¹ / ₂
0 01	0 01	0 01	0 01	0 04	0 01

St. Lawrence Canals tolls on floats for \$1.20 read \$1.40, and Chambly Canal for \$1.40 read \$1.20.

0 03	0 03	0 03	0 03	0 12	0 03
0 01 0 00 ¹ / ₄ 0 00 ¹ / ₄ 0 13 0 03 0 04 0 02	0 01 0 00 ¹ / ₄ 0 00 ¹ / ₄ 0 13 0 03 0 04 0 02	0 01 0 00 ¹ / ₄ 0 00 ¹ / ₄ 0 13 0 03 0 04 0 02	0 01 0 00 ¹ / ₄ 0 00 ¹ / ₄ 0 13 0 03 0 04 0 02	0 04 0 01 0 01 0 52 0 10 0 14 0 08	0 01 0 00 ¹ / ₄ 0 00 ¹ / ₄ 0 13 0 03 0 04 0 02
0 02	0 02	0 02	0 02	0 08	0 02
0 01 0 00 ¹ / ₈ 0 00 ¹ / ₄	0 01 0 00 ¹ / ₈ 0 00 ¹ / ₄	0 01 0 00 ¹ / ₈ 0 00 ¹ / ₄	0 01 0 00 ¹ / ₈ 0 00 ¹ / ₄	0 04 0 00 ¹ / ₂ 0 01	0 01 0 00 ¹ / ₈ 0 00 ¹ / ₄
0 03	0 03	0 03	0 03	0 10	0 03
0 04 0 07 0 14	0 04 0 07 0 14	0 04 0 07 0 14	0 04 0 07 0 14	0 14 0 28 0 56	0 04 0 07 0 14

No. 47.—RATES of Tolls on the Canals of the
WELLAND, ST. LAWRENCE, RIDEAU, OTTAWA AND CHAMBLY CANALS

The Rates of Tolls are divided into Five Classes, as under, and are per ton, unless otherwise specified.		Welland Canal, westward.	Welland Canal, eastward.	Lake Erie to Montreal.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock, each way.	Rideau Canal, each way.	Ottawa Canals and St. Ann's Lock, each way.	Ottawa to St. John's, each way.
<i>Class No. 5—Concluded.</i>		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Waggon Stuff, Woodenware and Wood, partly manufactured, per ton of 40 cubic feet	0 40	0 40	0 40	0 40	0 25	0 30	0 20	0 55	
Shingles, per M.....	0 06	0 06	0 06	0 06	0 04	0 04½	0 02½	0 08	
Split Posts and Fence Rails, per M., in Vessels	0 40	0 40	0 40	0 40	0 20	0 23	0 12	0 42	
Split Posts and Fence Rails, per M., in Rafts	0 80	0 80	0 80	0 80	0 40	0 38	0 17	0 77	
Sawlogs, each standard log.....	0 08	0 08	0 08	0 08	0 05	0 06	0 06	0 13	
Staves and Headings, Barrel, per M.....	0 40	0 40	0 40	0 20	0 15	0 15	0 10	0 30	
do Pipe do	1 50	1 50	1 50	1 00	1 00	0 75	0 50	1 75	
do West India, per M.....	0 75	0 75	0 75	0 60	0 25	0 45	0 25	0 65	
do Salt Barrel, Sawn or Cut, per M.....	0 08	0 08	0 08	0 04	0 03	0 03	0 02	0 06	
Traverses, per 100 pieces.....	0 50	0 50	0 50	0 50	0 40	0 38	0 15	0 67½	
Hop Poles, per 1,000 pieces.....	2 00	2 00	2 00	2 00	1 50	1 50	0 65	2 65	
<i>Special Class.</i>									
Gypsum, crude (per O.C., 28th Oct., 1882)...	0 15	0 05	.....	0 05	westward	.....	.....	.....
Coal.....	0 20	0 20	0 20	0 15	0 10	0 08	0 05	0 17½	
Stone, unwrought, corded, and not suitable for cutting, per cord.....	0 75	0 75	0 75	0 60	0 37½	0 28	0 24	0 77½	
Kryolite, Iron Ore or Chemical Ore.....	0 05	0 05	0 05	0 05	0 05	0 05	0 05	0 05	
Ice	0 05	0 05	0 05	.....	.....	.....	.....	.....

Dominion of Canada, 1888—*Concluded.*TRENT VALLEY CANAL, O. C., 25TH JULY, 1888.)—*Concluded.*

1ST SECTION.	2ND SECTION.	3RD SECTION.	4TH SECTION.	THROUGH.	Whitlaw's to Hastings.
Fenelon Falls to Bobcaygeon.	Bobcaygeon to Buckhorn.	Buckhorn to Burleigh.	Burleigh to Lakefield.	Fenelon Falls to Lakefield.	
Tolls Charge- able at Fenelon Falls.	Tolls Charge- able at Bobcaygeon.	Tolls Charge- able at Buckhorn.	Tolls Charge- able at Burleigh.	Tolls Charge- able at Fenelon Falls.	Tolls Charge- able at Whitlaw's.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
0 04	0 04	0 04	0 04	0 16	0 04
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
0 03	0 03	0 03	0 03	0 12	0 03
0 05	0 05	0 05	0 05	0 20	0 05
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
0 02	0 02	0 02	0 02	0 08	0 02
0 10	0 10	0 10	0 10	0 40	0 10
0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 22	0 05 $\frac{1}{2}$
0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 02	0 00 $\frac{1}{2}$
0 05	0 05	0 05	0 05	0 20	0 05
0 20	0 20	0 20	0 20	0 80	0 20
Free.	Free.	Free.	Free.	Free.	Free.
0 01	0 01	0 01	0 01	0 04	0 01
0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 14	0 03 $\frac{1}{2}$
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 09 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
Free.	Free.	Free.	Free.	Free.	Free.

No. 47—Continued.

NOTICE—Continued.

NOTE.—Coal to pass up all Canals, except the Welland Canal, free of Toll, as per Order in Council, 7th June, 1869.

Logs, Lumber or other produce shall pass free of Toll down the Chippawa Creek, between the aqueduct and Port Robinson, as per O. C., 18th May, 1833.

Iron Ore, Kryolite or Chemical Ore, through one section, or all the Canals, per ton, 5 cents.

All goods having paid full Toll through the whole line of the St. Lawrence Canals, or through the Lachine Canal, St. Ann's Lock, or Ottawa and Rideau Canals, shall be allowed to pass free through the Welland Canal; and if Tolls have been paid at the Chambly Canal, such Tolls shall be refunded at Montreal or Kingston Mills; and having paid full Tolls through the Welland Canal, they shall be allowed to pass free through the St. Lawrence Canals, or through the Ottawa and Rideau Canals, St. Ann's Lock, the Lachine Canal and the Chambly Canal; Provided always, that the articles to be entitled to above exemptions shall go downwards through the whole length of the Canal to Montreal, or pass upward from Montreal through the whole length of the St. Lawrence Canals, or the Ottawa and Rideau Canals to Lake Ontario.

All articles, goods or merchandise not enumerated above, to be charged to class No. 4.

No Let Passes to be issued to Steam Tugs or other small vessels for less than 25 cents, as a minimum charge; but such vessels, not carrying freight or passengers, can obtain on payment of \$30 a season "Let Pass," which will pass them up and down the Canals as often as desired.

Goods shipped to any port west of the St. Lawrence Canals, Tolls upon which have already been paid for passage through such Canals, may be re-shipped from such ports and be passed through the Welland Canal free of Tolls, in the same way as if they had been shipped through direct in the first instance; and goods going eastward, having paid Welland Canal Tolls, may be transhipped at any port on Lake Ontario, and thereafter pass free through the St. Lawrence Canals, as if they had been shipped through direct in the first instance.

NOTICES.

CONTRACTORS' VESSELS AND CARGOES FREE.

O. C., 22nd April, 1884.—The Committee, on the recommendation of the Minister of Inland Revenue, advise that the Order in Council, dated 18th September, 1873, authorizing that all vessels owned or chartered by persons having contracts for the enlargement or repair of any of the Canals and employed by them in removing earth or carrying materials necessary for the prosecution of such works, be entitled to pass through such Canals free of Tolls, be amended by adding thereto after the last word "Tolls" the words "upon such vessel and cargo," and that the said amendment be deemed to apply from the date of the aforesaid Order in Council.

SPECIAL RATES FOR CEREALS GOING EAST.

O. C., 20th April, 1888.—On the recommendation of the Minister of Railways and Canals, and under the provisions of the 13th Section of Chapter 37 of the Revised Statutes of Canada, intituled "An Act respecting the Department of Railways and Canals;" His Excellency in Council has been pleased to order, and it is hereby ordered, that the special rates of toll of two (2) cents per ton adopted last year for the passage through the Welland and St. Lawrence Canals of certain Cereals, Wheat, Indian Corn, Peas, Barley and Rye, when shipped for Montreal, or for any other port East of Montreal, be continued during the forthcoming season of navigation and no longer, such toll covering the Welland and St. Lawrence Canals.

His Excellency has been further pleased to order the continuance, for the same period only, of the arrangement under which the said food products, if they have paid the ordinary full tolls for passage through the Welland Canal, shall be entitled to exemption from payment of any further toll for passage through any portion of the St. Lawrence Canal system, even if not traversing the whole distance to Montreal.

EXCURSIONS: LACHINE AND ST. ANNE'S.

O. C., 1st June, 1888.—On the recommendation of the Minister of Railways and Canals, and under the provisions of the 13th Section of Chapter 37, of the Revised Statutes of Canada, intituled, "An Act respecting the Department of Railways and Canals."

His Excellency in Council has been pleased to order, and it is hereby ordered, that the provisions of the Order in Council of the 26th May, 1885, whereby steamers specially chartered for the conveyance of excursion parties going and returning in the same boat the same day were charged one-half of the usual passenger tolls for passage through the Lachine and St. Anne's Lock throughout that season, be and the same is hereby continued in force for the present season of 1888.

No. 47—Continued.

NOTICE—Continued.

RAFTS, CARILLON CANAL.

O. C., 6th July, 1888.—On a memorandum dated 30th June, 1888, from the Minister of Railways and Canals representing that under an Order in Council, Rafts have been allowed free passage through the Carillon Canal, in view of the Dam constructed across the Ottawa River at Carillon, whereby the passage of the rapids at that point through the river was rendered difficult and at times impracticable.

The Minister states, that it appears to be necessary owing to the continued difficulty attending passage through the slide built in the Dam, that the Canal should be used by Rafts; and he recommends that dating from the opening of the present season and henceforward and until otherwise ordered, free passage be given to Rafts through the Carillon Canal, subject to such regulations as the Department of Railways and Canals may find it necessary in the interest of the traffic of the Canal to adopt.

49 VIC., CHAP. 32.

AN ACT RESPECTING THE BURLINGTON BAY CANAL.

[Assented to 2nd June, 1886.]

WHEREAS it is expedient in the interests of navigation, and for the convenience of the public, that Tolls for the use of the public work hereinafter mentioned should no longer be collected: Therefore Her Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. Notwithstanding anything contained in the Act thirty-first Victoria, chapter twelve, intitled: "*An Act respecting the Public Works of Canada*," no tolls shall hereafter be payable or collected in respect of the use of the public work near the City of Hamilton, in the Province of Ontario, commonly called the Burlington Bay Canal.

"STEEL" CLASSED WITH "IRON" AT 15c. ON ST. LAWRENCE CANALS ONLY.

O. C., 1st February, 1888.—WHEREAS the Minister of Railways and Canals reports that under the provisions of the existing tariff of tolls on the Dominion Canals established by an Order in Council of the 23rd June, 1883, an undesirable discrimination is in force between iron and steel for passage through the St. Lawrence Canals, iron being specified in class 3 and charged 15 cts. per ton, while steel, not being classified specially, comes under "class 4," namely, "all other articles not enumerated," and is charged 20 cts. per ton.

His Excellency in Council, on the recommendation of the Minister of Railways and Canals, and under the provisions of the 13th section of chapter 37 of the Revised Statutes of Canada, intitled "*An Act respecting the Department of Railways and Canals*," has been pleased to order and it is hereby ordered, that the said Order in Council of the 23rd June, 1883, establishing the tariff of the tolls on the Canals of the Dominion, be and the same is hereby modified so as to place "steel" in the same category as "iron," making charge thereon 15 cts. per ton.

COMMUTATION TOLLS, LACHINE CANAL.

O. C., 9th June, 1888.—THAT authority be given, for the present season of navigation and no longer, in the case of the vessels "Kate," "Betsy" and "Sillery," for the commutation of the sum of \$90, payable in advance for vessel and cargo for the whole of the present tolls and charges on these vessels when transshipping lumber in the Lachine Canal basin and harbor, it being understood distinctly that when such vessels are employed temporarily in transporting other commodities than deals, the ordinary tolls will be levied.

ST. PETER'S CANAL.

On each and every vessel passing through the said Canal, two cents per ton on the vessel, and one cent per ton on the freight, each way.

O. C., 21st June, 1888.—THAT following the course adopted last year and the year previous, under an Order in Council of 11th May, 1886, commutation of tolls on the St. Peter's Canal be authorized for the current season, in the case of the Bras d'Or Steamship Company's vessels carrying Her Majesty's mails, as follows:—

On the Marion.....	\$450 00
do Neptune.....	300 00

No. 47—Continued.

NOTICE—Continued.

The following Way Rates to be levied on Vessels and Property passing the several Sub-Divisions of the Canals.

WELLAND CANAL.		Rate.
1. From Port Maitland, Dunnville and Port Colborne to Port Robinson or Allanburg, not passing the Lock, each way.....		1/2
2. From Chippewa Cut, or any part thereof, to Dunnville, Port Maitland or Port Colborne.....		50¢
3. From Dunnville to Port Colborne.....		50¢
4. From Thorold to St. Catharines or Port Dalhousie.....		50¢
5. From Maitland, Dunnville, Colborne or Port Robinson to Marshville and intermediate places.....		50¢
6. From Marshville or intermediate places to Port Maitland, Dunnville, Port Colborne and Port Robinson.....		50¢
7. From Port Robinson to Allanburg or Thorold.....		50¢
8. do St. Catharines or Port Dalhousie.....		50¢
9. From St. Catharines to Port Dalhousie.....		50¢
10. From Dunnville to Maitland.....		50¢
11. From Port Robinson through the Lock and Chippewa Cut.....		50¢
12. From Port Colborne to Port Maitland.....		50¢
13. From Chippewa Cut through Lock to Port Robinson.....		50¢
14. From Colborne, Dunnville, Maitland and Marshville to Thorold.....		50¢
15. do do do St. Catharines.....		50¢
16. Through the Chippewa Cut only.....		50¢
17. Through the Port Robinson Lock only.....		50¢
ST. LAWRENCE CANALS.		
The Navigation to be divided into four sections, viz.: Cardinal, Corawall, Beauharnois and Lachine. Tolls to be levied on all vessels and property in proportion to the number of sections passed through.		
CHAMBLEY CANAL.		
Vessels and property passing from Sorel to Chambly, to pay.....		1/2
do do Chambly to St. John's, to pay.....		50¢

OTTAWA CANALS.

The Navigation to be divided into three sections, viz.: Grenville, Carillon and St. Ann's. Tolls to be levied on all vessels and property in proportion to the number of sections passed through.

RIDEAU CANAL.

The Navigation of this Canal is divided into three sections: "Ottawa," "Smith's Falls" and "Kingston Mills." Vessels and freight passing one section, to be charged one-third; two sections, two-thirds.

GENERAL.

Any fraction of a ton freight to be charged one ton, and portions of sections to be charged as a whole section on all the above Canals.

The passing of Saw-Logs or other Lumber through any of the Canals, or sections thereof, is to be at all times governed by the Regulations for their management.

HARBOR DUES.

Vessels receiving or discharging Freight at the premises of the Welland Railway, at Ports Colborne or Dalhousie, are to be free from Harbor Dues; but all other Vessels discharging or receiving cargo at Port Dalhousie, Port Colborne or Port Maitland, shall pay on every ton of Freight so received or discharged—Two cents.

No. 47—Continued.

NOTICE—Continued.

STANDARD FOR ESTIMATING WEIGHTS.	Tons.
2,000 lbs. avoirdupois.....	1
Per M. is per thousand feet.....	
Per Mille is per thousand pieces.....	
Green Fruit, 9 barrels are.....	1
Ashes, 3 do	1
Bark, 4 cords.....	1
Beer, 7 barrels.....	1
Biscuit and Crackers, 9 barrels.....	1
Bricks, common, 1,000.....	2
Butter, 22 kegs or 7 barrels.....	1
Cattle, 3.....	1
Cement and Water Lime, 7 barrels.....	1
Fire Bricks, 1,000.....	3
Fish, 7 barrels.....	1
Flour, 9 barrels.....	1
Gypsum and Manganese, 6 barrels.....	1
Horses, 2.....	1
Lard and Tallow, 7 barrels or 22 kegs	1
Liquors and Spirits, 215 gallons.....	1
Liquors, all other, 215 gallons.....	1
Nuts, 9 barrels.....	1
Oysters, 6 barrels.....	1
Pork, 7 barrels.....	1
Salt, 7 barrels.....	1
Seeds, 9 barrels.....	1
Sheep, 20.....	1
Stone, 12 cubic feet.....	1
Stone, 1 cord.....	7½
Whiskey, 4 barrels or 215 gallons.....	1
Empty barrels, 10.....	1
Barrel Hoops, 10 Mille.....	1
Board and other Sawn Lumber, 600 feet board measure	1
Boat Knees, 4.....	1
Firewood, 1 cord.....	3
Hop Poles, 60, or 40 cubic feet.....	1
Shingles, 12 M. or bundles.....	1
Split Posts and Fence Rails, 1 Mille.....	1
Staves and Headings, Pipe, 1 Mille.....	8
do West India, 1 Mille.....	4
do Barrel, 1 Mille.....	2½
do Salt Barrel, 1 Mille	5
Saw Logs, Standard, 1.....	1
Square Timber, 50 cubic feet	1
Telegraph Poles, 10, or 40 cubic feet.....	1
Masts and Spars, 40 cubic feet.....	1
Railroad Ties, 16, or 50 cubic feet.....	1
All other Woodenware, or partly manufactured Wood, 40 cubic feet, as per Tariff.....	1
Floats, 50 lineal feet.....	1
Traverses, 40 cubic feet or 5 pieces.....	1

NOTE.—By the Weights and Measures Act of 1873, the following articles are to be estimated by the cental of 100 lbs., viz.:—Barley, Beans, Charcoal, Corn, Oats, Peas, Potatoes, Rye, Salt, Seeds and Wheat, the weight equivalent to a bushel being as follows:—Wheat, sixty pounds; Indian Corn, fifty-six pounds; Rye, fifty-six pounds; Peas, sixty pounds; Barley, forty-eight pounds; Oats, thirty-four pounds; Buckwheat, forty-eight pounds; Beans, sixty pounds; Potatoes, sixty pounds.

RATES OF TOLL ON PROPERTY STORED AT THE SHEDS AT LACHINE CANAL BASIN.

A PROCLAMATION.

WHEREAS it is expedient to provide for the levying of Tolls on the several Public Works constructed at the expense of the Province hereinafter mentioned; Know Ye, therefore, that from and after the date of these presents, and until such further time as Her Majesty's pleasure shall

No. 47—Continued.

NOTICE—Continued.

be made known in this behalf, there shall be paid for the use of Her Majesty, Her Heirs and Successors, to such person or persons as shall be duly authorized to receive the same, for passage and in the name of Tolls, the several sums agreeably to the scales which accompany these presents. Of all of which Her Majesty's loving subjects, and all others whom these presents may concern are hereby required to take notice and to govern themselves accordingly.

Given under my hand and seal, at Montreal, the twenty-first day of August, in the year of Our Lord, one thousand eight hundred and forty-six, and the tenth year of Her Majesty's Reign.

By command,
(Signed) D. DALY,
Secretary.

(Signed) CATHCART.

TABLE OF THE TOLLS TO BE LEVIED UPON PROPERTY STORED AT THE SHEDS AT THE LACHINE CANAL BASIN.

		s.	d.
Wheat and other grain, per week, per bushel.....			$\frac{1}{2}$
Flour and meal do per barrel.....			2
Pork, beef, butter and lard do do.....			3
Muscovado sugar do per hhd., 6d. per barrel.....			3
Liquors { do per pipe, 9d. per puncheon.....			$7\frac{1}{2}$
{ do per hhd., 6d. per quarter cask.....			4
Iron, bars do per ton.....		1	0
Iron, pig do do.....			6
Salt do per 100 minots.....		1	8
Bales, crates, cases, &c. do per ton weight or measurement.....		1	0
Coals do per chaldron.....			6

1. No charge made for property stored in the Sheds at the Lachine Canal Basin, for the first forty-eight hours, after which period the foregoing rates of storage for the use of the sheds, are to be raised, levied and collected.
2. Articles unenumerated are to be charged according to the above rates.
3. All property stored in the sheds remaining after the first forty-eight hours, will be liable to one week's storage, although it only should have been stored for a portion of the same, and so on for each succeeding week.
4. The labor of receiving property into the sheds and delivering the same, to be at the expense of, and to be furnished by the owners of the property or their agents.
5. All property stored in the sheds to be at the risk of the proprietor, from damage by fire or otherwise.
6. All dues for storage to be paid before the removal of the property.

Notice is hereby given that His Excellency the Governor General in Council has been pleased to authorize the Tolls levied upon property stored at the sheds at the Lachine Canal Basin, under Proclamation dated 21st August last, to be continued until further orders.

By command,
(Signed) J. W. DUNSCOMB,
Commissioner of Customs.

INSPECTOR GENERAL'S OFFICE,
CUSTOM'S DEPARTMENT, 28th October, 1846.

INSPECTOR GENERAL'S OFFICE,
CUSTOM'S DEPARTMENT,
TORONTO, 31st May, 1858.

Notice is hereby given that His Excellency the Governor General has been pleased by an Order in Council bearing this day's date, to order and direct that the storage of flour in the sheds at the Lachine Canal Basins at Montreal be, until otherwise ordered, governed by the following regulations, viz.:-

1. Flour shall be allowed to remain in the sheds for two whole days free of charge;
2. If kept there beyond two days or 48 hours, such flour to be liable to a charge of one cent per day per barrel, for the first four days after the expiration of the 48 hours of exemption;

No. 47—Continued.

NOTICE—Continued.

3. Should the flour be kept in the sheds beyond four days at one cent per day per barrel, it shall be liable to pay two cents per day per barrel for every day subsequent to the expiration of such four days ;
4. Any part of a day to be considered as one day.

By command,

(Signed)

R. S. M. BOUCHETTE,
Commissioner of Customs.

PRIVY COUNCIL OFFICE,

OTTAWA, 12th June, 1880.

On the recommendation of the Honorable the Minister of Railways and Canals, the Committee advise that the rates chargeable for the storage of salt at the St. Gabriel's Sheds, Montreal, under the authority of an Order in Council, dated 1st July, 1846, whereby such rates were fixed at one cent per bag per week, after the expiry of the first 48 hours, be now amended, and the rate be reduced to one-half a cent. per bag per week after the first 48 hours.

The Committee submit the above recommendation for your Excellency's approval.

(Signed)

J. O. CÔTÉ,

Clerk, Privy Council.

TOLLS ON VESSELS TRADING TO LOWER PORTS AND ENTERING THE LACHINE CANAL AT MONTREAL HARBOR.

GOVERNMENT HOUSE,

QUEBEC, 8th June, 1860.

His Excellency the Governor in Council is pleased to order, and it is hereby ordered, that from and after the date hereof, the following Rates of Tolls shall be levied upon Vessels trading to Lower Ports, and entering the Lachine Canal from the Harbor of Montreal, and on certain goods herein mentioned ; said Vessels to be allowed 48 hours for discharge of cargo before the following be incurred ; and said discharge to be made below the St. Gabriel Lock.

Class of Vessel.	Rate of Toll.
Steamboats measuring 50 tons and upwards, per Ton Register, per day of 24 hours.....	8 mills.
All other vessels measuring 50 tons and upwards, per Ton Register, per day of 24 hours.	4 do
Steamboat measuring under 50 Tons Register, each day of 24 hours.....	40 cents.
All other vessels measuring from 25 to 50 Tons Register, per day of 24 hours.....	20 do
All vessels measuring less than 25 Tons Register, per day of 24 hours.....	10 do
Coal, per chaldron.....	10 do
salt, per 100 Minots.....	15 do
Iron of all kinds, per ton weight.....	15 do
Merchandise as in Class No. 6 of the Tariff of Tolls on Provincial Canals.....	10 do

Provided always that the above Tolls be levied only on goods for consumption in Montreal, and on vessels trading with that Port.

(Signed)

W. H. LEE,

Clerk, Privy Council.

CHARGES FOR WHARFAGE OF FIREWOOD ON WHARVES AND BANKS OF LACHINE CANAL.

O. C., 7th August, 1860.—1. On the recommendation of the Honorable Commissioner of Public Works, His Excellency the Governor General in Council is pleased to order, and it is hereby ordered, that the Rates of Toll authorized by an Order of His Excellency in Council of the 8th June last, to be collected on firewood on wharves at Lachine and Lachine Canal, and lying between Wellington Bridge and Lock No. 5, and on wharves in Lachine Canal Basin, be, and they are hereby altered and changed, and His Excellency is pleased to order that in lieu thereof, the following Rates of Tolls shall be collected as herein mentioned, that is to say :

2. Firewood landed on wharves or banks of the Canal, or in boats, barges or other craft, occupying any of the basins between Wellington Street Bridge and Lock No. 3, 4 cents per cord, and for every day the wood is allowed to remain in either the Canal or Basin, or on the wharves or banks after the first five days, an additional charge of 4 cents per cord will be made.

Firewood on bank of Canal between Lock No. 3 and Lock No. 5, and on wharves in Canal Basin at Lachine :

	Per Cord.
For receiving timber, &c., to include use of basin or wharf for one month	3 cents.
For each succeeding month during season of navigation.....	do
For wintering in basin or on wharf.....	do

No. 47—Continued.

NOTICE—Continued.

GOVERNMENT HOUSE,
QUEBEC, 27th January, 1862.

Present :

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

On the recommendation of the Honorable the Commissioner of Public Works, His Excellency in Council has been pleased to order, and it is hereby ordered, that the provisions of the Order in Council of the 8th day of June, 1860, as amended by the Order in Council of the 7th of August following, respecting the Rates of Toll to be collected on firewood on wharves at Lachine, and the Lachine Canal and Basin, be and they are hereby extended and made applicable to the banks and grounds at Côte St. Paul and at Lachine.

(Signed) W. H. LEE,
Clerk, Privy Council.

GOVERNMENT HOUSE,
OTTAWA, 4th February, 1880.

Present :

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

Whereas by Order in Council, dated the 8th June, 1860, authority was given for the collection of the following Rates of Toll on "firewood on bank of Canal between Lock No. 3 and Lock No. 5, and also on wharves in Canal Basin at Lachine":

	Per Cord.
For receiving timber, &c., to include use of basin or wharf for one month.....	3 cents.
For each succeeding month during the season of navigation.....	do
For wintering in basin or on wharf.....	do

And whereas it has been shown that at present great difficulty exists in the collection of monthly dues on firewood, and the abolition of these charges will facilitate business and add to the revenue; His Excellency the Governor in Council, on the recommendation of the Honorable the Minister of Railways and Canals, has been pleased to order, and it is hereby ordered, that the clause of the Order in Council of the 8th June, 1860, under which said charges have been payable, be and it is hereby cancelled, such cancellation to take effect on and after the 1st day of July, 1880.

(Signed) J. O. COTÉ,
Clerk, Privy Council.

THE CANAL BASINS WITHIN THE CITY LIMITS OF MONTREAL TO BE CONSIDERED AS PART OF THE MONTREAL HARBOR FOR CERTAIN PURPOSES.

GOVERNMENT HOUSE,
OTTAWA, 8th August, 1878.

Present :

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

1. Whereas the Honorable the Minister of Public Works has represented: That under existing regulations for the collection of Canal Tolls, eastern bound vessels having paid the charges one way in full through the Welland Canal, are chargeable one section Canal Toll if re-entering the Lachine Canal;
2. That vessels loaded with grain destined for the Montreal harbor frequently unload only part of their cargoes on board sea-going vessels in that harbor, and re-enter the Lachine Canal for the purpose of unloading the balance of their cargoes either in elevators or mills located along the canal basins;
3. That in his opinion those vessels having paid the charges one way in full through the Welland Canal, should be allowed to re-enter the Lachine Canal free of Tolls, for the purpose before mentioned.
4. Whereupon His Excellency in Council, on the recommendation of the Honorable the Minister of Public Works, has been pleased to order, and it is hereby ordered, that the canal basins within the city limits be considered as part of the Montreal harbor, in so far only as regards the collection of Tolls on the class of vessels above referred to, which re-enter that portion of the canal for the purpose of unloading the balance of their cargoes, but that the same shall not apply any further, as in the event of vessels returning to the harbor to take cargo, in which case the usual Toll shall be charged against them on passing out of the canal a second time into the harbor.

(Signed) W. A. HIMSWORTH,
Clerk, Privy Council.

No. 47—Continued.

NOTICE—Continued.

GOVERNMENT HOUSE,
OTTAWA, 12th July, 1881.

Present :

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

5. Whereas representations have been made by parties interested, showing that vessels laden with grain for delivery in Montreal Harbor, frequently carry also deck loads of phosphates, and that being compelled to proceed at once to the Harbor for the discharge of the grain, they pay tolls through to that point, subsequently re-entering the Lachine Canal for the storage of the phosphates, and in accordance with the existing regulations paying canal dues a second time for such re-entry.
6. And whereas a similar difficulty having been experienced with regard to the storage of surplus grain not required for shipment, an Order in Council was passed on the 8th of August, 1878, allowing re-entry free of Tolls for the purpose indicated; His Excellency in Council, on the recommendation of the Hon. the Acting Minister of Railways and Canals, has been pleased to order, and it is hereby ordered, that the Lachine Canal Basins within the Montreal City limits, be henceforward considered as part of the Montreal Harbor, for the purposes of the unloading of phosphates carried by vessels in addition to their grain cargoes, as above described; it being, however, provided that in the event of their returning to the harbor to take cargo, the usual Tolls shall be charged against such vessels on their passing out of the Canal a second time.

(Signed), J. O. COTE,
Clerk, Privy Council.

RATES OF CHARGES ON VESSELS WINTERING IN LACHINE CANAL.

GOVERNMENT HOUSE,
OTTAWA, 22nd August, 1879.

Present :

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

1. Whereas, the Honorable the Acting Minister of Railways and Canals has represented that by the Act 36 Vic., Chap. 128, a system of Measurement and Registration of Shipping was for the sake of uniformity adopted, which, by including portions of a Vessel exempted from Measurement by the "Merchants Shipping Act," previously in force, has very largely added to the nominal tonnage of Vessels, and that it has, accordingly, become necessary that the rates per ton formerly charged for wintering Vessels in the Lachine Canal, should be altered to meet the new conditions of Measurement.
2. His Excellency, on the recommendation of the Acting Minister of Railways and Canals, and by and with the advice of the Queen's Privy Council of Canada, has been pleased to order, and it is hereby ordered: that the following wintering charges be, and the same are hereby substituted in place of the rates at present charged, viz:—
3. For each Boat, Barge, Scow or other Vessel of ten (10) tons measurement and under, seventy (70) cents per vessel for the entire winter; and every ten (10) tons above the first ten, an additional rate of eight (8) cents.

(Signed), W. A. HIMSWORTH,
Clerk, Privy Council.

CHARGES FOR WINTERING VESSELS IN RIDEAU CANAL.

CERTIFIED COPY of a report of a Committee of the Honorable the Privy Council, approved by His Excellency the Governor General in Council, on the 19th March, 1887.

On a memorandum dated 18th March, 1887, from the Minister of Railways and Canals, recommending that the winterage dues for vessels wintering in the Canal Basin at Ottawa, or other points along the line of the Rideau Canal, be fixed as under:—

In Canal Basin, Ottawa,	Steamers, per season.....	\$ 8 00
do do	Barges do	4 00
Inside Locks do	Steamers do	50 00
do other stations do	do do	15 00

and further, that if he deems it advisable that authority be granted to take security from parties wintering their vessels in Locks, against damage to Government property by fire.

(Signed), JOHN J. MCGEE,
Clerk, Privy Council.

No. 47—Continued,

NOTICE—Continued.

RATES AND DUES LEVIED ON VESSELS LOADING AND UNLOADING IN THE NEW BASIN, LACHINE CANAL.

- O. C., 26th January, 1883.—1. On a report dated 19th January, 1883, from the Minister of Railways and Canals, submitting an application dated 17th August, 1882, from the Montreal Harbor Commissioners, for the extension to the new Lower Basin of the Lachine Canal of certain powers of levying tolls conferred upon the Corporation by the Act 18 Vic., Chap. 143, in respect of the Lower Basin on the old Canal.
2. The Minister further submits that the Commissioners urge that the new Basin is used by sea-going vessels which have traversed the improved deep water channel between Quebec and Montreal, upon which large sums of money have been expended by the Trust, and that by this action the Harbor revenues are likely to be seriously affected.
3. The Minister represents that the matter having been referred for report to the Chief Engineer of Canals, who states to the effect, under date 12th January inst., that at the time of the passage of the Act cited (1855) the municipality was responsible for the expenditure incurred in deepening the channel of the river, and that the Government, about ten years later, assumed the debt in respect of Lake St. Peter, amounting to \$1,164,235; further, that the Harbor Commissioners have not in any way aided in the construction of the new Canal entrance and Basins, and that he is unable to see grounds for giving them control over the revenue which may arise therefrom.
4. The Chief Engineer suggests that the Commissioners should be allowed to retain the right of levying dues in respect of the old Lower Basin, but that the Government should retain full control of the new works and Basins, and of the revenue that may be derived from their use, and he advises that the rates should be levied by the Government on vessels loading or unloading in the new Basins, equal and similar to those levied by the Commissioners in respect of the old Basin.
5. The Minister concurs in the view taken by the Chief Engineer, and recommends that authority be given in accordance therewith.
6. The Committee submit the above recommendation for Your Excellency's approval.
(Signed), JOHN J. MCGEE,
Clerk, Privy Council.

RATES AND DUES TO BE LEVIED IN THE HARBOR OF MONTREAL, UNDER AND BY VIRTUE OF THE ACTS 40 VIC., CHAP. 53, AND 42 VIC., CHAP. 28.

On and after the 1st day of April, 1881:—

TONNAGE DUES

To be levied on all Vessels in the Harbor.

On Steamboats for each day of twenty-four hours, or part of a day they remain in the harbor, reckoned from the hour of their arrival to that of their departure.....	1c. per ton register.
On all other Vessels, per day, as aforesaid.....	½c. do

WHARFAGE DUES

To be levied on all Merchandise, Animals and things whatsoever landed or shipped in the Harbor.

All Goods, Wares and Merchandise, not elsewhere specified.....	25c. per ton.
Hay, Straw, Pig and Scrap Iron, Pot and Pearl Ashes	20c. do
Apples, Grates and their contents, Flour and Meal, Fish, Meats, Pitch, Potatoes, Tar, Horses, Neat Cattle, Sheep, Swine.....	15c. do
Ballast, Clay, Fire Bricks, Gypsum, Lime, Marble, Phosphates, Sand, Salt.....	10c. do
Coal and Coke, Grain and Seeds of all kinds.....	7½c. do
Special—Bricks, 10c. per 1,000; Cordwood, 5c. per cord; Lumber, 10c. per 1,000 feet, board measure.	
Bullion, Specie.....	Free.

On all Goods, Wares and Merchandise whatsoever, the quantity of which by weight, measurement or other mode of estimate provided for in the Tariff, cannot be conveniently ascertained, it shall be lawful for the Harbor Commissioners to levy a rate of ¼ of 1 per cent. on the value thereof.

Each entry shall pay not less than 5 cents.

All property landed on the wharves for re-shipment shall only pay one wharfage.

The Ton mentioned in the Tariff of Wharfage Dues shall be 2,000 lbs. weight, or 40 cubic feet measurement, according to the Bill of Lading.

No. 47—Continued.

NOTICE—Continued.

STANDARD FOR ESTIMATING WEIGHTS.

Ashes, Pot and Pearl.....	3 brls to 1 ton.	Horses.....	2 to 1 ton.
Apples, Flour, Meal, Potatoes.....	9 do	Neat Cattle.....	3 do
Fish, Meats, Pitch, Tar.....	7 do	Sheep.....	15 do
		Swine.....	10 do

Certified,

(Signed),

H. D. WHITNEY,

HARBOR COMMISSIONERS' OFFICE.

Secretary.

PRIVY COUNCIL OFFICE,
OTTAWA, 1st April, 1881.

I hereby certify that the foregoing Tariff has been approved by His Excellency the Governor General in Council, on the 1st day of April, 1881.

(Signed)

J. O. COTÉ,

Clerk, Privy Council.

At a meeting of the Harbor Commissioners of Montreal, held on the second of June, 1881, the following By-law was adopted under the authority of the Act 42 Vic., chap. 28. Present:—Andrew Robertson, Esq., Chairman; J. B. Rolland, Edward Murphy, Henry Bulmer, Victor Hudon, Hugh McLennan, Chas. M. Gould, Hon. J. L. Beaudry (Mayor) and Andrew Allan, Esq.

“Whereas it is expedient in the general interest of the Port of Montreal, that the charges on grain be reduced until the first of September next.

“Therefore it is hereby resolved, that the said rate on grain be reduced as aforesaid from seven and one-half cents (7½c.) per ton to one cent (1c.) per ton.”

PRIVY COUNCIL, 7th June, 1884.

I hereby certify that the foregoing By-law of the Harbor Commissioners of Montreal, adopted under the authority of the Act 42 Vic., chap. 28, has been this day approved by His Excellency the Governor General in Council.

(Signed)

JOHN J. MCGEE,

Clerk, Privy Council.

No. 47—Continued.

NOTICE—Continued.

RATES OF TOLLS ON FLOATED TIMBER, &c., ENTERING THE BASIN AT LACHINE AND LACHINE CANAL.

O. C., 8th June, 1860 —1. His Excellency the Governor General in Council is pleased to order, and it is hereby ordered, that from and after the date hereof the following Rates of Tolls shall be collected on Floated Timber, Lumber and Firewood entering the Basin at Lachine and Lachine Canal:—

Kinds of Timber.	For receiving Timber, &c., to include use of Basin or Wharf for one month.	For each succeeding month during the Season of Navigation.	For wintering in Basin or on Wharf.
	Cents.	Cents.	Cents.
Timber, square or round, of all kinds, above 12 x 12, per M. cubic feet...	25	20	35
do round or flatted, of all kinds, under 12 x 12, per M. lineal feet...	20	15	30
Plank and Boards, to include all kinds of sawed lumber, in rafts, per M. feet, board measure.....	3	2	3
Saw Logs, 12 feet long, if longer in same proportion per log.....	1	$\frac{1}{2}$	2
Floats, per 100.....	10	5	10
Traverses, per 100.....	10	5	10
Fence Posts and Rails, per M.....	10	5	10
Staves, Barrel, per M.....	8	4	8
do Pipe, per M.....	8	4	8
do West India per M.....	8	4	8
Firewood on Bank of Canal, between Lock No. 3 and Lock No. 5, and also on Wharves in Canal Basin at Lachine.....	3	3	3

2. No allowance to be made for fractional parts of a month or winter season.
3. The Firewood to be corded across the bank while being delivered from the Boat in such a manner and at such points as the Superintendent may direct.
4. The Rates on Timber to take effect upon the completion of the Booms in Lachine Basin.

CHARGES FOR REPAIRING VESSELS ON THE BANK OF LACHINE, BEAUHARNOIS AND CHAMBLAY CANALS.

PRIVY COUNCIL OFFICE,
OTTAWA, 5th March, 1880.

1. I hereby certify that by order of His Excellency the Governor General in Council, passed on the seventh day of February last, authority was given for the enforcement of a rule by which persons using the banks of the Lachine Canal as a site for the repair of their vessels, shall be subject to a charge of four dollars (4) payable in advance, for each vessel; the period during which such site may be occupied, under any one payment being limited to six months, and permission for repairing being first obtained from the proper officer, in conformity with the existing canal regulation.
2. It is further declared by the said Order in Council that in the event of failure to remove vessels so occupying the banks at the expiration of the period named, no fresh permits having been obtained, such vessels, may be sold under the 16th clause of the Regulations of the Canal.

(Signed) J. O. COTÉ,
Clerk Privy Council.

No. 47—*Concluded.*NOTICE—*Concluded.*

GOVERNMENT HOUSE,
OTTAWA, 6th August, 1881.

Present :

THE HONORABLE THE DEPUTY OF HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

The Deputy Governor, on the recommendation of the Honorable the Acting Minister of Railways and Canals, has been pleased to adopt the following rules with respect to the repairing of vessels on the banks of the Lachine Canal, the Beauharnois and the Chambly:—

1. Repairs shall only be executed at such points as may be indicated and approved by the Superintendent.
2. For each vessel hauled up or beached for repairs, a charge of one dollar, over and above all other charges, shall be made, carrying the privilege of remaining for one month, a further sum of one dollar being charged for each additional month or fraction of a month the vessel may remain.

In cases, however, where a vessel hauled up for repairs upon the Canal bank remains there throughout the winter, a charge of four dollars only shall be made (in addition to the ordinary winterage dues) the period covered being from the 1st of November to the 1st of June, inclusive.

3. Any vessel remaining on the Canal bank after having wintered thereon shall be charged at the rate of one dollar a month or a fraction of a month of her subsequent stay.
4. Any vessel remaining more than one year on the bank of the Canal shall for such time as she may remain in excess of that period pay at the rate of two dollars a month, or fraction of a month throughout the whole year.
5. All charges shall be payable at the collector's office in advance on the first day of each month.
6. These rules shall be understood as applying to all cases where the Canal bank is used in any manner for the repairs of vessels whether such vessels are actually hauled up or not.

(Signed),

J. O. COTÉ,
Clerk, Privy Council.

RIDEAU CANAL—REGULATIONS RELATIVE TO FIREWOOD LANDED AT
BASIN, OTTAWA.

Notice is hereby given that in accordance with the 28th Chap. Con. Stat. of Canada, His Excellency the Governor General in Council has been pleased to approve of the following additional Regulations to ensure the proper using, management and protection of the Canals of the Dominion of Canada.

By command,
(Signed),

WM. H. LEE,
Clerk, Privy Council.

PRIVY COUNCIL OFFICE,
OTTAWA, 14th October, 1887.

REGULATIONS in pursuance of the 28th Chap. Con. Stat. of Canada, for landing Firewood on the line of the Rideau Canal, in the City of Ottawa, and in addition to the Regulations for the management and protection of the Provincial Canals which were authorized by the Governor in Council, 20th May, 1857, Sections 14 and following, and were made applicable to the Rideau Canal, under the order of His Excellency in Council on the 2nd June, 1860.

1. No Firewood to be landed on the easterly side of the Basin from Sappers' Bridge to the line of Little Sussex Street.
2. Firewood may be landed between the line of Little Sussex Street and the By-wash or waste weir, but must be removed within twenty-four hours after having been placed there; a fine of three cents per cord will be charged for every day the wood remains on the wharf after such notice has been given.
3. Firewood may be landed and piled around the Basin on Government land within forty feet of the water, leaving a roadway of at least fifteen feet between every four piles of Firewood, which roadway must be as near as practicable at right angles to the margin of the Canal; this wood must also be removed within twenty-four hours after the owner or person in charge has been notified to that effect, and in default, a fine of three cents per cord will be levied upon it for every day it remains thereafter.
4. Two cents per cord will be charged as wharfage or ground rent upon Firewood placed on any part of the Government Canal Reserve.
5. No Firewood may be landed without a permit having been first obtained from the Lock Master or Collector, and the Let-Pass must be given up to this officer before the wood is unloaded, under a penalty of forty dollars.

E. MIALL,
Commissioner.

INLAND REVENUE DEPARTMENT,
OTTAWA, 27th March, 1889.

FOURTEENTH REPORT
ON
INSPECTION
OF
WEIGHTS, MEASURES AND GAS,
BEING
SUPPLEMENT No. II TO THE REPORT
OF THE
DEPARTMENT OF INLAND REVENUE
1888.

Printed by Order of Parliament.



OTTAWA:
PRINTED FOR THE QUEEN'S PRINTER AND CONTROLLER OF STATIONERY.

▲ SENECAU, SUPERINTENDENT OF PRINTING.

1889

REPORT
OF THE
COMMISSIONER OF INLAND REVENUE
ON THE
INSPECTION OF WEIGHTS AND MEASURES, AND GAS.

To the Honorable

The Minister of Inland Revenue.

SIR,—I have the honor to submit herewith my report on the Inspection of Weights and Measures and Gas, with the usual statements in relation thereto, for the year ended 30th June, 1888.

1st. The total revenue collected during the year for the Inspection of Weights and Measures was thirty-seven thousand eight hundred and eighty-five dollars and thirty-nine cents (\$37,886.39), as compared with thirty-four thousand three hundred and ninety-six dollars and fifty-one cents (\$34,393.51) collected during the year ended 30th June, 1887.

The total expenses were sixty-seven thousand four hundred and seventy dollars and sixty-eight cents (\$67,470.68) as against sixty-seven thousand seven hundred and thirty nine dollars and sixty cents (\$67,739.60) expended during the year ended 30th June, 1887.

2. Appendix "A" gives a summary statement of the expenditure and receipts of each inspection division.

Hamilton, London, Toronto and Montreal are the only divisions in which the receipts exceed the cost of collection.

3. In Appendices "B" and "C" will be found a detailed statement of weights and measures and weighing machines presented for verification, verified and rejected during the year.

The number of all descriptions may be summarily stated as follows:—

	Presented.	Verified.	Rejected.	Percentage of Rejections.
Weights, Dominion.....	80,232	79,896	346	0.43
Measures of capacity, Dominion	91,577	91,476	101	0.11
Lineal measures.....	6,333	6,273	60	0.90
Balances, equal arms.....	12,405	12,261	144	1.16
do steelyards.....	3,900	3,879	21	0.53
do platform scales.....	20,945	20,895	250	1.19
Irregular weights.....	4,891	4,860	31	0.63
do measures.....	252	252	.....	.....
Troy weights.....	174	167	7	4.00

4. Since the date of my last report, Mr. Johnstone, Chief Inspector Standards Branch, has visited and inspected the offices, books, standards, &c., of the Divisions of Windsor, London, Hamilton, Toronto, Belleville, Orillia, Kingston, Ottawa, Montreal, Three Rivers, Sherbrooke, Quebec, St. John, Fredericton, King's, Halifax, Yarmouth, Cape Breton and Charlottetown; and has also carefully verified and stamped all the 50 lbs. iron standards of weight in the Divisions of Charlottetown, Cape Breton, Halifax, Yarmouth, St. John, King's, Fredericton, Quebec, Three Rivers, Sherbrooke, Montreal and Ottawa.

There are at present in the Department a great number of "local" standards of various kinds which require to be carefully cleaned, repaired, adjusted and verified before they can be re-issued to be used as standards by our inspectors and their assistants, and as we have no one at present attached to this branch of the service capable of doing such work, I would again urge upon you the necessity of immediately securing the services of a first-class mechanic, one thoroughly and practically skilled in scale making, in all its details, to make the necessary repairs and adjustments.

INSPECTION OF GAS.

5. The total revenue collected during the year for the inspection of gas and gas meters was six thousand nine hundred and forty-six dollars and sixty-five cents (\$6,946.65) as compared with six thousand six hundred and fifty-four dollars and forty cents (\$6,654.40) collected during the year 1886-87.

The total expenses were twenty thousand eight hundred and ninety-four dollars and ninety-eight cents (\$20,894.98) as against seventeen thousand seven hundred and ten dollars and eleven cents (\$17,710.11) during the year 1886-87.

6. The details of the inspection of gas meters will be found in Appendix "G" The result, as compared with the previous year, may be stated as follows:—

	Presented for verification	Finally rejected.
1886-87.....	7,538	179
1887-88.....	7,915	158

Illuminating Power.

7. A statement of the illuminating power and purity of gas inspected during the year will be found in Appendix "F".

The illuminating power, where inspection has been made, has been as follows:--

Place.	Number of tests made.	Number of times below standard.	Place.	Number of tests made.	Number of times below standard.
Belleville.....	40	6	St. Thomas.....	12	1
Brockville.....	4		Toronto.....	108	2
Brantford.....	11		Windsor.....	12	
Chatham.....	12		Woodstock.....	12	
Cobourg.....	11		Montreal.....	104	
Cornwall.....	12		Quebec.....	11	
Dundas.....	12		Sherbrooke.....	12	
Guelph.....	12		Three Rivers.....	52	12
Hamilton.....	12	1	Chatham, N.B.....	24	14
Ingersoll.....	12		Fredericton.....	11	
Kingston.....	49		St. John.....	84	1
Lindsay.....	11		Moncton.....	21	
London.....	38		Halifax.....	24	
Napanee.....			Pictou.....	12	
Ottawa.....	67	44	Yarmouth.....	12	
Peterborough.....	11		Charlottetown.....	38	
Port Hope.....	11		Winnipeg.....	12	
Stratford.....	9		Victoria, B.C.....	36	
St. Catharines.....	11				

Your especial attention is called to the preceding table, from which it will be seen that, at the same places to which attention was called in my last year's report, namely, Ottawa, Three Rivers, and Chatham, N.B., the illuminating power of the gas sold to consumers was frequently found to be below the standard established by-law.

In my last year's report 56 per cent. of Ottawa's tests were below the standard this year's report shows 66 per cent. of tests below. Three Rivers' last year's record was 40 per cent. of tests below, and this year's 23 per cent. below standard. Chatham's last year's record was 62 per cent. of tests below, and this year's 58 per cent. below standard.

From the foregoing it will be seen that at Chatham and Three Rivers, a shade of improvement has been manifested, but in Ottawa the case has been aggravated, as shown by an additional 10 per cent. of the tests being below the standard.

In order to protect the interests of consumers and put a stop to such utter disregard of the law as has been shown by some of our producers, I would respectfully urge the necessity of amending the Gas Inspection Act in such a manner as to make producers liable to a penalty for failure to keep the illuminating power of their gas up to the legal standard.

Tests for Purity.

8. Gas has only been tested regularly for sulphur and ammonia at Ottawa, Toronto, Montreal, Quebec, St. John and Halifax.

9. In Ottawa the total number of tests made was:—

For sulphur, 35 tests. Never in excess of quantity allowed by law.

For ammonia, 34 tests. Never in excess of quantity allowed by law.

For sulphuretted hydrogen, 66 tests. Never present.

10. In Toronto:—

For sulphur, 24 tests. Never in excess.

For ammonia, 24 tests. Never in excess.

For sulphuretted hydrogen, 107 tests. Never present.

11. In Montreal:—

For sulphur, 24 tests. 17 times in excess.

For ammonia, 24 tests. Never in excess.

For sulphuretted hydrogen, 104 tests. Never present.

12. In Quebec:—

For sulphur, 24 tests. Never in excess.

For ammonia, 24 tests. Never in excess.

For sulphuretted hydrogen, 22 tests. Never present.

13. In St. John, N.B.:—

For sulphur, 48 tests. Once in excess.

For ammonia, 48 tests. Once in excess.

For sulphuretted hydrogen, 84 tests. Never present.

14. In Halifax:—

For sulphur, 23 tests. Four times in excess.

For ammonia, 23 tests. Never in excess.

For sulphuretted hydrogen, 24 tests. Never present.

15. In addition to the foregoing, tests for sulphuretted hydrogen have been made at each of the following places where illuminating power has been tested, with the following results:—

Place.	Number of Tests.	Present.	Place.	Number of Tests.	Present.
Belleville	40	.....	Stratford	12	.....
Brantford	11	.....	St. Catharines	11	.....
Brockville	4	.....	St. Thomas	12	.....
Chatham	12	.....	Windsor	12	.....
Oobourg	11	.....	Woodstock	12	.....
Cornwall	12	.....	Sherbrooke	12	.....
Dundas	12	.....	Three Rivers	52	.....
Guelph	12	.....	Chatham, N.B.	24	.....
Hamilton	12	.....	Fredericton	12	3
Ingersoll	12	.....	Moncton	21	.....
Kingston	49	.....	Pictou	12	.....
Lindsay	11	.....	Yarmouth	12	.....
London	38	.....	Charlottetown	38	.....
Napanee .....	.....	.....	Winnipeg	12	.....
Peterborough	11	.....	Victoria	36	.....
Port Hope	11	.....		

REPORT OF PROGRESS.

16. Since the date of my last report, inspection of gas and gas meters has been regularly established at Brockville.

Inspection standards and apparatus are now completed and in readiness for the fitting up of gas inspection offices at Barrie, Sarnia, Listowel and Napanee.

Gas inspection offices are asked for at Galt, Berlin and Owen Sound.

Since date of my last report the gas inspection offices at Windsor, Chatham, London, St. Thomas, Ingersoll, Woodstock, Stratford, Guelph, Dundas, Brantford, Hamilton, St. Catharines, Toronto, Belleville, Kingston, Cornwall, Montreal, Sherbrooke, Three Rivers, Quebec, St. John, N.B., Fredericton, Moncton, Halifax, Yarmouth and Charlottetown have been visited and inspected by Mr. Johnstone, Chief Inspector Standards Branch, who reports having found everything in connection with the inspection of gas working satisfactorily alike to producers and consumers.

I have the honor to be, Sir,

Your obedient servant,

E. MIALL,

Commissioner.

APPENDIX A.

STATEMENT of Expenditure and Receipts for Year ended 30th June, 1888.

Inspection Divisions.	Inspectors and Assistant Inspectors.	Expenditure.						Receipts.		
		Salaries.	Seizure Expenses.	Special Assistance.	Rent.	Travelling Expenses.	Sundries.	Total.	\$	cts.
<i>Province of Ontario.</i>										
Belleville.....	Wm. Johnson..... Thomas Slatery..... Samuel Irwin.....	2,100 00	19 50		75 00	747 72	245 94	3,188 16	1,213 48	
Hamilton	T. H. McKenzie..... John McDonald..... W. G. McDonnell..... Thos. Beattie..... C. E. S. Black..... James D. Park.....	4,475 32				724 06	257 93	5,457 31	8,355 43	
Kingston	J. A. Macdonald..... W. W. Giffin..... Wm. Whitteker	2,100 00			90 00	496 00	221 33	2,907 33	1,755 71	
London	Jas. Egan..... D. Coughlin.....	1,988 70		270 79		785 92	154 83	3,200 24	3,433 14	
Orillia.....	G. I. Bolster..... John Lyons.....	1,700 00		6 50	67 92	531 17	90 68	2,396 27	998 93	
Ottawa	A. Code..... M. Gorman..... John Cosgrove..... Pat. Lynch.....	2,900 00			287 50	529 50	178 89	3,895 99	1,085 49	
Toronto.....	Harry Piper..... R. J. Wright..... D. Kinnee..... D. Flynn..... R. Milligan.....	3,200 00				601 45	188 10	3,989 55	4,656 59	

APPENDIX A—Continued.
STATEMENT of Expenditure and Receipts for Year ended 30th June, 1888—Continued.

Inspection Divisions.	Inspectors and Assistant Inspectors.	Expenditure.						Receipts.
		Salaries.	Seizure Expenses.	Special Assistance.	Rent	Travelling Expenses.	Sundries.		Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Province of Ontario—Concluded.</i>								
Windsor.....	W. J. Hayward..... A. Marentette..... District Inspector.....	1,600 00	2 75			896 50	125 58	1,331 71
		20,064 02	22 25	277 29	520 42	5,352 32	1,463 28	22,830 48
<i>Province of Quebec.</i>								
Montreal.....	J. O. Chalut..... J. R. Urquhart..... J. T. Doiron..... S. Dillon..... J. A. Daoust..... F. L. Desrivieres.....	4,850 00	9 00			428 37	261 65	6,349 99
Quebec.....	P. E. Bourassa..... W. Adams..... H. Simard..... J. B. Petit..... F. X. Chabot..... M. J. Kelly.....	3,408 35			41 00	1,274 89	232 32	2,779 76
Sherbrooke.....	E. Clark..... J. U. Richard..... P. Smith..... Jos. S. Baker.....	1,950 00				418 74	68 73	636 61

Three Rivers	J. A. Olivier.....	1,866 64	.....	.....	.....	25 00	242 27	50 28	2,184 19	980 45
	R. Kittson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	J. J. Provost.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	P. O. A. Bruneau.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	12,074 99	9 00	.....	.....	66 00	2,384 27	612 98	15,127 24	10,746 81
Province of New Brunswick.										
Fredericton	E. C. Freeze.....	1,600 00	.....	.....	.....	.....	215 83	26 37	1,842 20	279 32
	Geo. Bols.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
King's	W. B. Scovil.....	1,300 00	.....	.....	.....	.....	314 76	27 42	1,642 18	479 62
	David Richard.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St John	J. B. Wilmot.....	1,800 00	.....	.....	.....	.....	160 11	20 75	1,980 86	711 27
	E. Cowan.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	.....	4,700 00	.....	.....	.....	.....	690 70	74 54	5,465 24	1,470 21
Province of Nova Scotia.										
Cape Breton	L. E. Tremaine.....	800 00	.....	.....	.....	.....	13 15	45 30	893 45	60 33
	R. M. King.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Halifax	J. B. Ryan.....	1,033 30	.....	100 00	.....	222 50	38 23	172 18	1,566 21	511 70

Pictou	J. McKay.....	983 32	.....	.....	.....	.....	60 46	50 32	1,094 10	156 50
Yarmouth	Chas. Allison.....	1,000 00	.....	.....	.....	50 63	75 61	42 04	1,168 28	268 39
	District Inspector.....	.....	.....	.....	.....	.....	135 75	2 30	138 05	.....
	.....	3,816 62	.....	100 00	.....	308 13	323 20	312 14	4,860 09	996 92
Province of Prince Edward Island.										
Charlottetown	James Reddin.....	1,000 00	.....	.....	.....	56 44	195 03	56 58	1,808 05	348 74

APPENDIX A—Concluded.
STATEMENT of Expenditure and Receipts for Year ended 30th June, 1888—Concluded.

Inspection Divisions.	Inspectors and Assistant Inspectors.	Expenditure.						Receipts.
		Salaries.	Seizure Expenses.	Special Assistance.	Rent.	Travelling Expenses.	Sundries.		Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Province of Manitoba.</i>								
Winnipeg.....	R. T. Huggard.....							
	W. Cowley.....							
	J. W. Costello.....	3,464	98		144	00		4,219
	H. E. Ross.....						88	15
	R. J. M. Girdlestone.....							522
								15
								28
<i>Province of British Columbia.</i>								
Victoria.....	Richard Jones.....	950	00		210	00		1,267
							95	50
								75
								65
								70

RECAPITULATION.

Ontario.....	20,064 02	22 25	277 29	530 42	5,352 32	1,463 28	27,699 58	22,830 48
Quebec.....	12,974 99	9 00	.....	66 00	2,364 27	612 98	15,127 24	10,746 81
New Brunswick.....	4,700 00	.....	.....	.....	690 70	74 54	5,465 24	1,470 21
Nova Scotia.....	3,816 62	.....	100 00	308 13	323 20	312 14	4,860 09	1,996 92
Prince Edward Island.....	1,000 00	.....	.....	56 44	185 03	56 58	1,308 05	348 74
Manitoba.....	3,464 98	.....	.....	144 00	522 16	88 15	4,219 28	1 426 53
British Columbia.....	950 00	.....	.....	210 00	12 25	95 50	1,267 75	65 70
General Contingencies.....	2,800 00	.....	.....	.....	687 10	2,268 67	5,755 77	.....
Queen's Printer.....	.....	.....	.....	.....	.....	558 93	958 93	.....
Stationery Office.....	.....	.....	.....	.....	.....	784 75	784 75	.....
Lithographing.....	.....	.....	.....	.....	.....	24 00	24 00	.....
Grand Total.....	48,870 61	31 25	377 29	1,304 99	10,147 02	6,739 52	67,470 68	37,885 39

APPENDIX

RETURN of the Weights and Measures Inspected during the Fiscal Year
tion, Verified and Rejected, for each Division, for

NAME OF INSPECTION OFFICE.	WEIGHTS.						IRREGULAR WEIGHTS.		
	Dominion.			Troy.			Brought for Verification.	Verified.	Finally Rejected.
	Brought for Verification.	Verified.	Finally Rejected.	Brought for Verification.	Verified.	Finally Rejected.			
<i>Ontario.</i>									
Belleville	1440	1440	.....	.....	.....	.....	120	120	.....
Hamilton	17791	17791	.....	.....	.....	.....	273	273	.....
Kingston	1306	1279	27	.....	.....	.....	132	125	7
London	4988	4976	12	.....	.....	.....	329	329	.....
Orillia	1743	1742	1	.....	.....	.....	136	135	1
Ottawa	1566	1553	13	.....	.....	.....	116	115	1
Toronto	5694	5694	.....	9	9	.....	.....	.....	.....
Windsor	2301	2301	.....	.....	.....	.....	214	214	.....
	36829	36776	53	9	9	.....	1320	1311	9
<i>Quebec.</i>									
Montreal	19345	19146	199	136	136	.....	955	940	15
Quebec	10572	10572	.....	.....	.....	.....	1678	1678	.....
Sherbrooke	1146	1146	.....	.....	.....	.....	66	66	.....
Three Rivers	2683	2682	1	.....	.....	.....	283	281	2
	33746	33546	200	136	136	.....	2982	2965	17
<i>New Brunswick.</i>									
Fredericton	762	762	.....	.....	.....	.....	96	96	.....
King's	893	893	.....	.....	.....	.....	122	122	.....
St. John	1503	1503	.....	.....	.....	.....	194	194	.....
	3158	3158	.....	.....	.....	.....	412	412	.....
<i>Nova Scotia.</i>									
Cape Breton	3	3	.....	.....	.....	.....	.....	.....	.....
Halifax	988	988	.....	.....	.....	.....	31	31	.....
Pictou	226	220	6	.....	.....	.....	22	20	2
Yarmouth	300	300	.....	.....	.....	.....	39	39	.....
	1517	1511	6	.....	.....	.....	92	90	2
<i>Prince Edward Island.</i>									
Charlottetown	660	660	.....	.....	.....	.....	22	22	.....
<i>Manitoba.</i>									
Winnipeg	4275	4188	87	29	22	7	63	60	3

B.

ended 30th June, 1888, showing the Total Number brought for Verification each Province, and for the whole Dominion.

DOMINION MEASURES OF CAPACITY.			IRREGULAR MEASURES.		MEASURES OF LENGTH.			BALANCES, &c.								
								Equal-Armed.			Steelyards.			Platform Scales, Weigh Bridges, &c.		
Brought for Verification.	Verified	Finally Rejected.	Brought for Verification.	Verified.	Brought for Verification.	Verified	Finally Rejected.	Brought for Verification.	Verified.	Finally Rejected.	Brought for Verification.	Verified.	Finally Rejected.	Brought for Verification.	Verified.	Finally Rejected.
1436	1436	.....	2	2	49	49	...	230	230	.....	51	51	.....	833	833	.....
4451	4451	.....	3	3	334	334	...	3560	3560	.....	2030	2030	.....	6260	6260	.....
11121	11111	10	1	1	1471	1471	...	190	180	10	18	17	1	655	640	15
13712	13698	14	2	2	232	232	...	922	894	28	295	290	5	196	1879	82
1377	1377	.....	.....	.....	247	206	41	300	300	...	72	72	...	702	701	1
1897	1897	.....	.....	.....	203	203	...	236	234	2	4	4	.....	868	865	3
15476	15476	.....	122	122	344	344	...	786	786	.....	533	533	.....	1698	1698	.....
2510	2502	8	5	5	105	105	...	374	374	.....	60	60	.....	774	750	24
51980	51948	32	135	135	2985	2944	41	6598	6558	40	3063	3057	6	13751	13626	125
18968	18968	.....	47	47	2303	2301	2	2641	2584	57	389	384	5	2936	2873	63
7563	7563	.....	.....	.....	485	485	.....	1452	1452	.....	63	63	.....	891	891	.....
1014	994	20	.....	.....	127	118	9	200	194	6	50	45	5	532	514	18
3148	3108	40	.....	.....	199	194	5	406	382	24	19	19	.....	410	406	4
30693	30633	60	47	47	3114	3098	16	4699	4612	87	521	511	10	4769	4684	85
750	750	.....	.....	.....	.....	.....	.....	117	117	.....	6	6	.....	229	229	.....
1228	1228	.....	.....	.....	22	22	.....	170	170	.....	26	26	.....	360	357	3
3162	3159	3	6	6	27	27	.....	276	275	1	31	31	.....	390	383	7
5140	5137	3	6	6	49	49	...	563	562	1	63	63	...	979	969	10
247	247	.....	.....	.....	2	2	...	1	1	.....	1	1	.....	17	17	.....
889	889	.....	8	8	14	14	.....	121	121	.....	21	21	.....	213	213	.....
500	499	1	.....	.....	4	3	1	40	32	8	3	3	.....	82	78	4
434	431	3	.....	.....	115	115	.....	55	54	1	66	66	.....	166	165	1
2070	2066	4	8	8	135	134	1	217	208	9	91	91	...	478	473	5
373	373	.....	56	56	1	1	...	115	115	.....	1	1	...	252	252	.....
1289	1281	8	.....	.....	48	46	2	207	200	7	149	145	4	680	655	25

APPENDIX

RETURN of the Weights and Measures Inspected during the Fiscal Year
tion, Verified and Rejected, for each Division, for each

NAME OF INSPECTION OFFICE.	WEIGHTS.						IRREGULAR WEIGHTS.		
	Dominion.			Troy.			Brought for Verification.	Verified.	Finally Rejected.
	Brought for Verification.	Verified.	Finally Rejected.	Brought for Verification.	Verified.	Finally Rejected.			
<i>British Columbia.</i>									
Victoria.....	47	47	.....	.....	.....	.....	.....	.....	.....

RECAPITU

Ontario	36829	36776	53	9	9	.....	1320	1311	9
Quebec	33746	33546	200	136	136	.....	2982	2965	17
New Brunswick	3158	3158	.....	.....	.....	.....	412	412	.....
Nova Scotia	1517	1511	6	.....	.....	.....	92	90	2
Prince Edward Island	660	660	.....	.....	.....	.....	22	22	.....
Manitoba	4275	4188	87	29	22	7	63	60	3
British Columbia	47	47	.....	.....	.....	.....	.....	.....	.....
Grand Total	80232	79886	346	174	167	7	4891	4860	31

B—Concluded.

ended 30th June, 1888, showing the Total Number brought for Verification—Province, and for the whole Dominion—Concluded.

DOMINION MEASURES OF CAPACITY.			IRREGULAR MEASURES.		MEASURES OF LENGTH.			BALANCES, &c.								
								Equal-Armed.			Steelyards.			Platform Scales, Weigh Bridges, &c.		
Brought for Verification.	Verified.	Finally Rejected.	Brought for Verification.	Verified.	Brought for Verification.	Verified.	Finally Rejected.	Brought for Verification.	Verified.	Finally Rejected.	Brought for Verification.	Verified.	Finally Rejected.	Brought for Verification.	Verified.	Finally Rejected.
32	32	.....	.....	.....	1	1	...	6	6	.....	12	11	1	36	36	.....

L A T I O N .

51980	51948	32	135	135	2985	2944	41	6598	6558	40	3063	3057	6	13751	13626	125
30693	30633	60	47	47	3114	3098	16	4699	4612	87	521	511	10	4769	4684	85
5140	5140	.....	6	6	49	49	...	563	562	1	63	63	...	979	969	10
2070	2069	1	8	8	135	134	1	217	208	9	91	91	...	478	473	5
373	373	.....	56	56	1	1	...	115	115	.....	1	1	...	252	252	.....
1289	1281	8	.....	.....	48	46	2	207	200	7	149	145	4	680	655	25
32	32	.....	.....	.....	1	1	...	6	6	.....	12	11	1	36	36	.....
91577	91476	101	252	252	6333	6273	60	12405	12261	144	3900	3879	21	20945	20695	250

APPENDIX

RETURN showing the Number of Dominion Weights and Lineal Measures during the Fiscal Year

DIVISION.	DOMINION										
	Avoir										
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.
<i>Ontario.</i>											
Belleville.....					1	17	85	265	257	202	162
Hamilton.....						343	2246	3767	4051	1892	1473
Kingston.....				2	10	30	64	219	206	188	168
London.....	7	1	1	2	3	48	304	1009	949	697	632
Orillia.....						26	124	386	337	222	204
Ottawa.....		6			6	59	122	280	264	210	199
Toronto.....					8	120	571	900	1027	689	591
Windsor.....		40			8	34	112	434	425	299	281
	7	47	1	4	37	677	3628	7260	7516	4399	3710
<i>Quebec.</i>											
Montreal.....	576	54	17	37	123	1231	1582	2766	2784	2512	2381
Quebec.....		149	32	52	107	673	797	1544	1530	1438	1380
Sherbrooke.....						69	97	220	194	143	143
Three Rivers.....		2	1	7	12	173	197	454	440	420	374
	576	205	50	96	242	2146	2673	4984	4948	4513	4278
<i>New Brunswick.</i>											
Fredericton.....				1	2	17	14	150	139	112	95
King's.....		36	3	5	8	25	39	224	165	117	99
St. John.....						44	23	381	273	222	190
		36	3	6	10	86	76	755	577	451	384
<i>Nova Scotia.</i>											
Cape Breton.....							1	1	1		
Halifax.....	1	17	1	6	3	80	52	192	154	124	104
Pictou.....						3	6	43	42	33	31
Yarmouth.....						15	6	72	62	47	33
	1	17	1	6	3	98	65	308	259	204	168
<i>Prince Edward Island.</i>											
Charlottetown.....						20	19	180	129	93	77
<i>Manitoba.</i>											
Winnipeg.....			1	3	185	429	599	1172	1033	411	146
<i>British Columbia.</i>											
Victoria.....						1	2	9	8	6	5

C.

of each Denomination presented for Verification in each Inspection Division, ended 30th June, 1888.

WEIGHTS.								TROY WEIGHTS.	IRREGULAR WEIGHTS.	LINEAL MEASURES.					
dupois.										Total Number Verified.	Total Number Presented.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.	1 Foot.	60 Feet Chains	Total Number Presented.
2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.	1 dr.	$\frac{1}{2}$ dr.	Total Number Presented.	Total Number Verified.	Total Number Presented.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.	1 Foot.	60 Feet Chains	Total Number Presented.
162	144	93	35	12	3	2	1440	.....	120	48	1	.....	.....	.....	49
135	1269	1015	349	20	9	2	17791	.....	273	334	.....	.....	.....	.....	334
169	133	78	19	8	8	4	1306	.....	132	1471	.....	.....	.....	.....	1471
518	437	258	101	17	3	1	4988	.....	329	232	.....	.....	.....	.....	232
170	151	68	40	8	4	3	1743	.....	136	247	.....	.....	.....	.....	247
180	145	79	13	3	.....	.....	1566	.....	116	203	.....	.....	.....	.....	203
583	504	365	217	45	72	2	5694	9	.....	342	2	.....	.....	.....	344
258	227	136	43	2	.....	.....	2301	.....	214	105	.....	.....	.....	.....	105
3394	3010	2092	817	115	101	14	36829	9	1320	2982	3	.....	.....	.....	2985
2111	1758	1064	289	29	31	.....	19345	136	955	2303	.....	.....	.....	.....	2303
1276	1023	452	113	5	1	.....	10572	.....	1678	485	.....	.....	.....	.....	485
118	95	56	11	.....	.....	.....	1146	.....	66	125	2	.....	.....	.....	127
280	200	89	29	5	.....	.....	2683	.....	283	198	.....	1	.....	.....	199
3785	3076	1661	442	39	32	.....	33746	136	2982	3111	2	.....	1	.....	3114
97	79	34	12	5	5	.....	762	.....	96	.....	.....	.....	.....	.....	.....
85	63	22	2	.....	.....	.....	893	.....	122	22	.....	.....	.....	.....	22
166	146	54	4	.....	.....	.....	1503	.....	194	27	.....	.....	.....	.....	27
348	288	110	18	5	5	.....	3158	.....	412	49	.....	.....	.....	.....	49
.....	.....	.....	.....	.....	.....	.....	3	.....	.....	2	.....	.....	.....	.....	2
92	84	69	7	2	.....	.....	988	.....	31	14	.....	.....	.....	.....	14
27	21	14	6	.....	.....	.....	226	.....	22	.....	4	.....	.....	.....	4
31	19	10	4	1	.....	.....	300	.....	39	115	.....	.....	.....	.....	115
150	124	93	17	3	.....	.....	1517	.....	92	131	4	.....	.....	.....	135
69	50	20	3	.....	.....	.....	660	.....	22	1	.....	.....	.....	.....	1
101	92	59	28	13	3	.....	4275	29	63	48	.....	.....	.....	.....	48
5	5	3	2	.....	1	.....	47	.....	.....	1	.....	.....	.....	.....	1

APPENDIX

RETURN showing the Number of Dominion Weights and Lineal Measures during the Fiscal Year

DIVISION.	DOMINION										
	Avoir										
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.
<i>Ontario.</i>											
Belleuille.....					1	17	85	265	257	202	162
Hamilton.....					1	343	2,246	3,767	4,051	1,892	1,473
Kingston.....				2	10	30	63	212	197	184	166
London.....	7	1	1	2	3	48	304	1,004	946	696	631
Orillia.....						26	124	388	336	222	204
Ottawa.....		6			6	59	122	277	261	208	197
Toronto.....					8	120	571	900	1,027	689	591
Windsor.....		40			8	34	112	434	425	299	281
	7	47	1	4	37	677	3,627	7,245	7,500	4,392	3,705
<i>Quebec.</i>											
Montreal.....	576	54	17	37	123	1,224	1,573	2,737	2,762	2,468	2,341
Quebec.....		149	32	52	107	673	797	1,544	1,530	1,438	1,380
Sherbrooke.....						69	97	220	194	143	143
Three Rivers.....		2	1	7	12	173	197	453	440	420	374
	576	205	50	96	242	2,139	2,664	4,954	4,926	4,469	4,238
<i>New Brunswick.</i>											
Fredericton.....				1	2	17	14	150	139	112	95
King's.....		36	3	5	8	25	39	224	165	117	99
St. John.....						44	23	381	273	222	190
		36	3	6	10	86	76	755	577	451	384
<i>Nova Scotia.</i>											
Cape Breton.....							1	1	1		
Halifax.....	1	17	1	6	3	80	52	192	154	124	104
Pictou.....						3	6	40	40	32	31
Yarmouth.....						15	6	72	62	47	33
	1	17	1	6	3	98	65	305	257	203	168
<i>Prince Edward Island.</i>											
Charlottetown.....						20	19	180	129	93	77
<i>Manitoba</i>											
Winnipeg.....			1	3	184	427	598	1,155	1,014	396	137
<i>British Columbia.</i>											
Victoria.....						1	2	9	8	6	5

C—Continued.

of each Denomination, Inspected and Verified in each Inspection Division, ended 30th June, 1888.

WEIGHTS.								Troy Weights.	Irregular Weights.	LINEAL MEASURES.						
dupois.										Total Number Verified.	Total Number Verified.	Total Number Verified.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.	1 Foot.	66 Feet Chains	Total Number Verified.
2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.	1 dr.	$\frac{1}{2}$ dr.	Total Number Verified.	Total Number Verified.	Total Number Verified.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.	1 Foot.	66 Feet Chains	Total Number Verified.	
162	144	93	35	12	3	2	1,440	.....	120	48	1	.....	.....	.....	49
1,354	1,269	1,015	349	20	9	2	17,791	.....	273	334	.....	.....	.....	.....	334
165	133	78	19	8	8	4	1,279	.....	125	1,471	.....	.....	.....	.....	1,471
518	436	257	101	17	3	1	4,976	.....	329	232	.....	.....	.....	.....	232
170	151	68	40	8	4	3	1,742	.....	135	206	.....	.....	.....	.....	206
178	144	79	13	3	.....	.....	1,553	.....	115	203	.....	.....	.....	.....	203
583	504	365	217	45	72	2	5,694	.....	9	342	2	.....	.....	.....	344
258	227	136	43	2	2	.....	2,301	.....	.....	214	105	.....	.....	.....	105
3,388	3,008	2,091	817	115	101	14	36,776	.....	9	1,311	2,941	3	.....	.....	2,944
2,081	1,741	1,063	289	29	31	.....	19,146	.....	136	940	2,301	.....	.....	.....	2,301
1,276	1,023	452	113	5	1	.....	10,572	.....	.....	1,678	485	.....	.....	.....	485
118	95	56	11	.....	.....	.....	1,146	.....	.....	66	116	2	.....	.....	118
280	200	89	29	5	.....	.....	2,682	.....	.....	281	193	.....	1	.....	194
3,755	3,059	1,660	442	39	32	.....	33,546	.....	136	2,965	3,095	2	.....	1	3,098
97	79	34	12	5	5	.....	762	.....	.....	96	.....	.....	.....	.....	.....
85	63	22	2	.....	.....	.....	893	.....	.....	122	22	.....	.....	.....	22
166	146	54	4	.....	.....	.....	1,503	.....	.....	194	27	.....	.....	.....	27
348	288	110	18	5	5	.....	3,158	.....	.....	412	49	.....	.....	.....	49
.....	
92	84	69	7	2	.....	.....	3	.....	.....	.....	2	.....	.....	.....	2
27	21	14	6	.....	.....	.....	988	.....	.....	31	14	.....	.....	.....	14
31	19	10	4	1	.....	.....	220	.....	.....	20	.....	3	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	300	.....	.....	39	115	.....	.....	.....	115
150	124	93	17	3	.....	.....	1,511	.....	.....	90	131	3	.....	.....	134
69	50	20	3	.....	.....	.....	660	.....	.....	22	1	.....	.....	.....	1
92	85	57	24	12	3	.....	4,188	.....	22	60	46	.....	.....	.....	46
5	5	3	2	.....	1	.....	47	.....	.....	.....	1	.....	.....	.....	1

APPENDIX

RETURN showing the Number of Dominion Weights and Lineal Measures during the Fiscal Year

DIVISION.	DOMINION										
	Avoir										
	60 lbs.	50 lbs.	30 lbs.	20 lbs.	10 lbs.	5 lbs.	3 lbs.	2 lbs.	1 lb.	8 ozs.	4 ozs.
<i>Ontario.</i>											
Kingston.....							1	7	9	4	2
London.....								5	3	1	1
Orillia.....									1		
Ottawa.....								3	3	2	2
<i>Quebec.</i>											
Montreal.....							1	15	10	7	5
Sherbrooke.....											
Three Rivers.....											
<i>Nova Scotia.</i>											
Pictou.....											
<i>Manitoba.</i>											
Winnipeg.....					1	2	1	17	19	15	9

C—Continued.

of each Denomination, Inspected and Rejected in each Inspection Division, ended 30th June, 1888.

WEIGHTS.								TROY WEIGHTS.	IRREGULAR WEIGHTS.	LINEAL MEASURES.					Total Number Rejected.
dupois.										Total Number Rejected.	Total Number Rejected.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.		1 Foot.	66 Feet Chains
2 ozs.	1 oz.	8 drs.	4 drs.	2 drs.	1 dr.	$\frac{1}{2}$ dr.	Total Number Rejected.	Total Number Rejected.	Total Number Rejected.	Yard.	$\frac{1}{2}$ Yard.	2 Feet.	1 Foot.	66 Feet Chains	Total Number Rejected.
4	1	1					27	7							
	1	1					12								
2	1						13	1	41						41
6	2	1					53	9	41						41
30	17	1					199	15	2						3
							1	2	9						9
									5						5
30	17	1					200	17	16						16
							6	2		1					1
9	7	2	4	1			87	7	3	2					2

APPENDIX

RETURN showing the Number of Dominion Measures of Capacity, Balances in each Inspection Division, during

DIVISION.	MEASURES OF CAPACITY.									Total No. Presented	
	Dominion.										
	Bushel.	$\frac{1}{2}$ Bushel.	Peck.	Gallon.	$\frac{1}{2}$ Gallon.	Quart.	Pint.	$\frac{1}{2}$ Pint.	Gill.		$\frac{1}{4}$ Gill.
<i>Ontario.</i>											
Belleville	22	21	26	168	222	565	345	66	1	.....	1436
Hamilton	16	121	290	588	882	1495	967	87	4	1	4451
Kingston	20	3589	2197	2879	591	1013	709	105	18	.....	11121
London	7	270	391	1465	2180	4112	3429	1858	.....	.....	13712
Orillia .....	.....	6	16	199	347	410	240	59	50	50	1377
Ottawa .....	.....	29	36	208	407	579	457	147	34	.....	1897
Toronto	31	109	566	1528	3141	3821	4246	2028	6	.....	15476
Windsor	4	124	179	366	434	765	523	114	1	.....	2510
<i>Quebec.</i>											
	100	4269	3701	7401	8204	12760	10916	4464	114	51	51980
Montreal	69	915	1327	3005	2674	3501	3742	2417	1308	10	18968
Quebec	1	158	136	979	1440	1623	1605	1124	455	42	7563
Sherbrooke	1	34	34	136	224	304	189	73	17	2	1014
Three Rivers .....	.....	252	144	338	607	684	550	386	126	61	3148
<i>New Brunswick.</i>											
	71	1359	1641	4458	4945	6112	6086	4000	1906	115	30693
Fredericton	11	50	63	173	182	130	84	48	9	.....	750
King's .....	.....	12	1	250	432	328	159	39	7	.....	1228
St. John .....	.....	290	197	636	614	582	499	222	122	.....	3162
<i>Nova Scotia.</i>											
	11	352	261	1059	1228	1040	742	309	133	.....	5140
Cape Breton. ....	.....	25	22	32	17	67	43	41	.....	.....	247
Halifax	23	55	76	132	154	190	182	64	12	1	889
Pictou .....	.....	.....	4	76	106	123	94	71	26	.....	500
Yarmouth	18	7	6	82	160	97	61	3	.....	.....	434
<i>Prince Edward Island.</i>											
	41	87	108	322	437	477	380	179	38	1	2070
Charlottetown .....	.....	2	1	11	68	109	156	26	.....	.....	373
<i>Manitoba.</i>											
Winnipeg	29	17	2	122	262	411	404	42	.....	.....	1289
<i>British Columbia.</i>											
Victoria .....	.....	.....	.....	.....	2	6	24	.....	.....	.....	32

D.

and Weighing Machines of each Denomination presented for Verification
Fiscal Year ended 30th June, 1888.

Presented for Verification.	BALANCES.														Total Presented.
	With Equal Arms.				Steelyards, with Divided Arms.				Weigh-bridges, or Platform Scales.						
	5 lbs. and under.	5 lbs to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	250 lbs. and under.	250 lbs. to 500 lbs.	500 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.	6,000 lbs. and upwards.	
2	52	178			44	1	4	2	367	40	255	78	46	47	1114
2	1630	1930			1872	149	9		3406	397	2147	178	24	108	11850
1	40	132	15	3		6	12		232	107	229	19	25	43	863
2	279	642		1	292	3			708	198	725	184	39	116	3178
	63	237			72				310	16	300	34		42	1074
	22	214			4				408	70	308	26	25	31	1108
122	323	463			521	8	3	1	651	116	554	147	58	172	3017
5	83	291			58	2			323	37	293	47	14	60	1208
133	2492	4087	15	4	2869	175	16	3	6405	981	4811	713	222	619	23412
47	626	1998	2	15	376	4		9	889	656	1145	89	116	41	5966
	203	1154	35	160	61	2			139	424	283	30	12	3	2506
	40	160			49		1		199	138	142	9	25	19	782
	8	376	20	2	18	1			97	141	152	8	6	6	835
47	877	3688	57	177	504	7	1	9	1324	1359	1722	136	159	69	10089
	29	88			6				115	75	33	3		3	352
	29	105	23	13	26				188	110	59		2	1	556
6	55	221			27	4			191	107	45	16	8	23	697
6	113	414	23	13	59	4			494	292	137	19	10	27	1605
		1			1				7	4	2			4	19
3	19	102			18	1		2	79	36	56	10	4	28	355
6	6	34			3				47	19	12	1		3	125
	21	34			66				84	36	28	6	4	8	287
8	46	171			88	1		2	217	95	98	17	8	43	786
56	37	78			1				89	41	96	5	14	7	368
	43	158	6		149				250	23	252	55	22	48	1036
	2	4			9	1	1	1	12	5	11	4		4	54

APPENDIX

RETURN showing the Number of Dominion Measures of Capacity, Balances each Inspection Division, during the

DIVISION.	MEASURES OF CAPACITY.										
	Dominion.										
	Bushel.	$\frac{1}{2}$ Bushel.	Peck.	Gallon.	$\frac{1}{2}$ Gallon.	Quart.	Pint.	$\frac{1}{2}$ Pint.	Gill.	$\frac{1}{2}$ Gill.	Total No. Verified.
<i>Ontario.</i>											
Belleuille.....	22	21	26	168	222	565	345	66	1	.....	1436
Hamilton.....	16	121	290	588	882	1495	967	87	4	1	4451
Kingston.....	20	3589	2195	2875	589	1011	709	105	18	.....	11111
London.....	7	269	389	1462	2177	4108	3428	1858	.....	.....	13698
Orillia.....	.....	6	16	199	347	410	240	59	50	50	1377
Ottawa.....	.....	29	36	208	407	579	457	147	34	.....	1897
Toronto.....	31	109	566	1528	3141	3821	4246	2028	6	.....	15476
Windsor.....	4	123	177	363	433	764	523	114	1	.....	2502
	100	4267	3695	7391	8198	12753	10915	4464	114	51	51948
<i>Quebec.</i>											
Montreal.....	69	915	1327	3005	2674	3501	3742	2417	1308	10	18968
Quebec.....	1	158	136	979	1440	1623	1605	1124	455	42	7563
Sherbooke.....	1	30	26	134	220	302	189	73	17	2	994
Three Rivers.....	.....	245	131	333	603	679	547	383	126	61	3108
	71	1348	1620	4451	4937	6105	6083	3997	1906	115	30633
<i>New Brunswick.</i>											
Fredericton.....	11	50	63	173	182	130	84	48	9	.....	750
King's.....	.....	12	1	250	432	328	159	39	7	.....	1228
St. John.....	.....	290	196	634	614	582	499	222	122	.....	3159
	11	352	260	1057	1228	1040	742	309	138	.....	5137
<i>Nova Scotia.</i>											
Cape Breton.....	.....	25	22	32	17	67	43	41	.....	.....	247
Halifax.....	23	55	76	132	154	190	182	64	12	1	889
Pictou.....	.....	.....	3	76	106	123	94	71	26	.....	499
Yarmouth.....	17	6	6	82	159	97	61	3	.....	.....	431
	40	86	107	322	436	477	380	179	38	1	2066
<i>Prince Edward Island.</i>											
Charlottetown.....	.....	2	1	11	68	109	156	26	.....	.....	373
<i>Manitoba.</i>											
Winnipeg.....	29	17	2	120	260	409	403	41	.....	.....	1281
<i>British Columbia.</i>											
Victoria.....	.....	.....	.....	.....	2	6	24	.....	.....	.....	32

D—Continued.

and Weighing Machines of each Denomination Inspected and Verified, in Fiscal Year ended 30th June, 1888.

IRREGULAR MEASURES.	BALANCES.													Total Number Verified.	
	With Equal Arms.				Steelyards, with Divided Arms.				Weigh-bridges or Platform Scales.						
	Verified.	5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs. and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.	250 lbs. and under.	250 lbs. to 500 lbs.	500 lbs. to 2,000 lbs.	2,000 lbs. to 4,000 lbs.		4,000 lbs. to 6,000 lbs.	6,000 lbs. and upwards.
2	52	178			44	1	4	2	367	40	255	78	46	47	1114
3	1630	1930			1872	149	9		3406	397	2147	178	24	108	11850
1	37	135	15	3	5	12			226	101	227	19	24	43	837
2	274	619		1	288	2			691	186	693	180	26	103	3063
	63	237			72				310	16	299	34		42	1073
	22	212			4				407	70	306	26	25	31	1103
122	323	463			521	8	3	1	651	116	554	147	58	172	3017
5	83	291			58	2			318	35	282	47	14	54	1184
135	2484	4055	15	4	2864	174	16	3	6376	961	4763	709	217	600	23241
47	622	1945	2	15	371	4		9	876	642	1113	86	115	41	5841
	203	1154	35	160	61	2			139	424	283	30	12	3	2506
	40	154			44		1		192	133	138	9	25	17	753
	7	353	20	2	18	1			96	139	151	8	6	6	807
47	872	3606	57	177	494	7	1	9	1303	1338	1685	133	158	67	9907
	29	88			6				115	75	33	3		3	352
	29	105	23	13	26				188	108	58		2	1	553
	55	220			27	4			188	104	45	16	8	22	686
	113	413	23	13	59	4			491	287	136	19	10	26	1594
		1			1				7	4	2			4	19
8	19	102			18	1		2	79	36	56	10	4	28	354
	2	30			3				44	18	12	1		3	113
	20	34			66				83	36	28	6	4	8	285
8	41	167			88	1		2	213	94	98	17	8	43	772
56	37	78			1				89	41	96	5	14	7	363
	40	154	6		145				268	23	244	53	21	46	1000
	2	4			8	1	1	1	12	5	11	4		4	53

APPENDIX

RETURN showing the Number of Dominion Measures of Capacity, Balances each Inspection Division, during

DIVISION.	MEASURES OF CAPACITY.										
	Dominion.										
	Bushel.	$\frac{1}{2}$ Bushel.	Peck.	Gallon.	$\frac{1}{2}$ Gallon.	Quart.	Pint.	$\frac{1}{4}$ Pint.	Gill.	$\frac{1}{4}$ Gill.	Total No Rejected.
<i>Ontario.</i>											
Kingston.....			2	4	2	2					10
London.....	1		2	3	3	4	1				14
Orillia.....											
Ottawa.....											
Windsor.....	1		2	3	1	1					8
			2	6	10	6	7	1			32
<i>Quebec.</i>											
Montreal.....											
Sherbrooke.....		4	8	2	4	2					20
Three Rivers.....		7	13	5	4	5	3	3			40
		11	21	7	8	7	3	3			60
<i>New Brunswick.</i>											
King's.....											
St. John.....			1	2							3
			1	2							3
<i>Nova Scotia.</i>											
Pictou.....			1								1
Yarmouth.....	1	1			1						3
	1	1	1		1						4
<i>Manitoba.</i>											
Winnipeg.....				2	2	2	1	1			8
<i>British Columbia.</i>											
Victoria.....											

D—Concluded.

and Weighing Machines of each Denomination Inspected and Rejected in the Fiscal Year ended 30th June, 1888.

BALANCES.

With Equal-arms.				Steelyards with Divided Arms.				Weigh-bridges or Platform Scales.					Total Number Rejected.	
5 lbs. and under.	5 lbs. to 50 lbs.	50 lbs. to 100 lbs.	100 lbs. and upwards.	500 lbs and under.	500 lbs. to 1,000 lbs.	1,000 lbs. to 2,000 lbs.	2,000 lbs. and upwards.	250 lbs. and under.	250 lbs. to 500 lbs.	500 lbs. to 1,000 lbs.	2,000 lbs. to 4,000 lbs.	4,000 lbs. to 6,000 lbs.		6,000 lbs. and upwards.
3	7			1				6	6	2		1		26
5	23			4	1			17	12	32	4	4	13	115
		2						1		1				1
								5	2	2				5
								5	2	11			6	24
8	32			5	1			29	20	48	4	5	19	171
4	53			5				13	14	32	3	1		125
	6			5				7	5	4			2	29
1	23							1	2	1				28
5	82			10				21	21	37	3	1	2	182
									2	1				3
	1							3	3				1	8
	1							3	5	1			1	11
4	4							3	1					12
1								1						2
5	4							4	1					14
3	4			4				12		8	2	1	2	36
				1										1

APPENDIX E.

STATEMENT of Gas Inspection Expenditure and Receipts, for the Year ended 30th June, 1888.

Districts.	Inspector.	EXPENDITURE						Receipts.
		Salaries.	Special Assistance.	Rent.	Travelling Expenses.	Sundries.	Total.	
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Ontario.</i>								
Belleville.....	Wm. Johnson.....	150 00		50 00		45 60	245 60	69 75
Brockville	H. J. Hubertus.....				33 15	16 63	49 78	18 75
Cobourg	T. Cahill.....	91 64		45 00	24 30	4 00	164 94	24 00
Cornwall	Wm. Burrows				49 65	162 95	212 60	57 75
Deseronto.....	Wm. Johnson.....	49 98					49 98	
*Hamilton.....	D. McPhie	1,000 00	2 00	27 00	126 08	116 62	1,271 70	612 75
*Kingston.....	Wm. Burrows	400 00		45 00		53 35	498 35	97 25
Lindsay	T. Cahill	83 32		45 00	16 75	0 50	145 57	
*London	J. Williams	1,000 00		116 00	305 40	96 85	1,512 25	564 50
Ottawa	H. J. Hubertus	700 00		212 50	62 20	87 88	1,062 58	197 50
Peterborough.....	T. Cahill.....	133 28				2 75	136 03	114 75
Port Hope.....	do	91 64			15 10	11 75	118 49	20 50
• Toronto	Geo. Sutherland. } J. K. Johnstone. }	1,386 41			15 50	75 65	1,477 56	2,203 40
	District Inspectors..				14 00		14 00	
		5,086 27	2 00	534 50	662 13	674 53	6,959 43	3,980 90
<i>Quebec.</i>								
Montreal	N. Aubin	1,400 00	732 00			17 55	2,149 55	1,730 00
Quebec	N. Levasseur.....	1,150 00		41 00		376 57	1,567 57	263 75
Sherbrooke			155 85			30 27	186 12	58 00
Three Rivers.....	N. Marchand	200 00				1 50	201 50	27 00
		2,750 00	887 85	41 00		425 89	4,104 74	2,078 75
<i>New Brunswick.</i>								
Chatham	R. A. Lawlor.....	150 00				53 90	203 90	
Fredricton	S. A. Purdie	200 00				7 65	207 65	30 50
Moucton	R. A. Lawlor.....	150 00			96 59	1 00	247 59	29 50
St. John.....	A. Rowan.....	1,000 00				48 37	1,048 37	250 25
		1,500 00			96 59	110 92	1,707 51	310 25
<i>Nova Scotia.</i>								
Halifax	A. Miller.....	1,300 00		273 12	480 44	114 98	2,168 54	387 00
Pictou								
Yarmouth								
<i>P. E. Island.</i>								
Charlottetown	Jos. Knight	200 00		56 44		27 00	283 44	52 75
<i>Manitoba.</i>								
Winnipeg	R. T. Huggard	240 00		108 00		46 00	394 00	71 50
<i>British Columbia.</i>								
Victoria	Richard Jones	200 00		210 00		3 00	413 00	65 50

*Hamilton District includes the Offices at Brantford, Dundas, Guelph and St. Catharines; Kingston District includes the Office at Cornwall; London District includes the Offices at Ingersoll, Chatham, Stratford, Windsor, Woodstock and St. Thomas.

APPENDIX E—*Concluded.*

STATEMENT of Gas Inspection Expenditure and Receipts, for the Year ended 30th June, 1888.

RECAPITULATION.

District.	Inspector.	EXPENDITURE.						Receipts.
		Salaries.	Special Assistance.	Rent.	Travelling Expenses.	Sundries.	Total.	
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Ontario		5,086 27	2 00	534 50	662 13	674 53	6,959 43	3,980 90
Quebec.....		2,750 00	887 85	41 00	.....	425 89	4,104 74	2,078 75
New Brunswick.....		1,500 00	.....	.....	96 59	110 92	1,707 51	310 25
Nova Scotia		1,300 00	.....	273 12	480 44	114 98	2,168 54	387 00
P. E. Island		200 00	.....	56 44	.....	27 00	283 44	52 75
Manitoba		240 00	.....	108 00	.....	46 00	394 00	71 50
British Columbia ..		200 00	.....	210 00	.....	3 00	413 00	65 50
General Expenses...		600 00	.....	.....	709 77	3,107 44	4,417 21	.....
Queen's Printer....		277 17	277 17	.....
Stationery	64 94	64 94	.....
Lithographing.....		105 00	105 00	.....
		11,876 27	889 85	1,223 06	1,948 93	4,956 87	20,894 98	6,946 65

APPENDIX F.

RETURN of Gas Meters presented for Verification, Verified, Verified after First Rejection and Rejected, during the Year ended 30th June, 1888.

Inspection Office.	Presented for Veri- fication.	Kind.		Verified.			Verified after First Rejection.			Rejected.			Total Verified and Rejected.	
		Wet.	Dry.	Correct.	Fast.	Slow.	Correct.	Fast.	Slow.	Unscund.	Fast.	Slow.	Verified.	Rejected.
Belleville.....	64	64	13	37	12				1	1		62	2	
Brantford.....	55	55	18	18	19							55		
Brockville.....	31	31	2	9	17					2	1	28	3	
Chatham.....	25	25	8	6	8					3		22	3	
Cornwall.....	3	3		3								3		
Dundas.....	32	32	8	3	21							32		
Guelph.....	111	111	12	7	91						1	110	1	
Hamilton.....	464	464	88	46	330							464		
Ingersoll.....	17	17	7	2	3	1	1		4	1		12	5	
Kingston.....	105	105	14	35	51					1	4	100	5	
London.....	338	338	91	52	178	4	4	13	6	11		321	17	
Ottawa.....	121	121	9	24	86					1	1	119	2	
Peterborough.....	113	113	25	47	41							113		
Stratford.....	34	34	5	21	2				1	5		28	6	
St. Catharines.....	110	110	31	16	63							110		
St. Thomas.....	51	51	16	14	21	5	1					51		
Toronto.....	3011	3011	477	427	2051				5	24	27	2955	56	
Windsor.....	30	30	6	11	13							30		
Woodstock.....	101	101	39	33	27				1	1		99	2	
Montreal.....	2147	2147	310	426	1400					8	3	2136	11	
Quebec.....	161	31	130	26	45	88		1		2		159	2	
Sherbrooke.....	33	33	14	17	2							33		
Fredericton.....	10	10	1		5					1	3	6	4	
St. John.....	140	140	28	18	89					2	3	135	5	
Halifax.....	376	344	32	160	83	128	5	1	5	4	1	371	5	
Pictou.....	9	9	3	3					1	2		6	3	
Yarmouth.....	21	21	5	5	11							21		
Charlottetown.....	51	51	8	16	8				8	9	2	32	19	
Winnipeg.....	93	93	53	3	37							93		
Victoria.....	88	86	25	22	34					5	2	81	7	
	7945	377	7568	1502	1449	4836	15	7	19	27	83	48	7787	158

INSPECTION OF GAS.

APPEN

RETURN of Illuminating Power and Purity of Gas

Inspection Office.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times be- low Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
Belleville:—									
July.....	17.42	16.00	16.82	16	0	3	.....	.....	.....
August.....	16.33	14.98	15.49	16	2	3	.....	.....	.....
September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October.....	16.42	14.85	15.64	16	2	4	.....	.....	.....
November.....	18.56	15.31	16.63	16	2	4	.....	.....	.....
December.....	19.24	18.21	18.51	16	0	6	.....	.....	.....
January.....	18.80	16.96	17.90	16	0	6	.....	.....	.....
February.....	18.25	16.77	17.61	16	0	4	.....	.....	.....
March.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April.....	18.41	17.76	18.08	16	0	2	.....	.....	.....
May.....	17.41	17.35	17.39	16	0	3	.....	.....	.....
June.....	18.80	16.91	17.89	16	0	5	.....	.....	.....
					6	40			
Brantford:—									
July.....	.....	.....	.....	16	.....	.....	.....	.....	.....
August.....	.....	.....	18.78	16	0	1	.....	.....	.....
September.....	.....	.....	17.44	16	0	1	.....	.....	.....
October.....	.....	.....	18.14	16	0	1	.....	.....	.....
November.....	.....	.....	19.40	16	0	1	.....	.....	.....
December.....	.....	.....	18.78	16	0	1	.....	.....	.....
January.....	.....	.....	18.01	16	0	1	.....	.....	.....
February.....	.....	.....	17.85	16	0	1	.....	.....	.....
March.....	.....	.....	18.68	16	0	1	.....	.....	.....
April.....	.....	.....	18.35	16	0	1	.....	.....	.....
May.....	.....	.....	18.78	16	0	1	.....	.....	.....
June.....	.....	.....	19.86	16	0	1	.....	.....	.....
					0	11			
Brockville:—									
July.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
August.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
September.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
January.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May.....	.....	.....	23.17	16	0	1	.....	.....	.....
June.....	21.30	19.56	20.65	16	0	3	.....	.....	.....
					0	4			

DIX G.

Inspected during the Year ended 30th June, 1888.

100 Cubic Feet.			Ammonia per 100 Cubic Feet.				Sulphuretted Hydrogen.			Remarks.		
Standard	Times in excess of Allowance.	No. of Tests.	Highest.	Lowest.	Average	Standard	Times in excess of Allowance.	No. of Tests.	No. of times ab-sent.		No. of times pre-sent.	No. of Tests.
Grains.			Grains.	Grains.	Grains.	Grains.						
									3	0	3	
									3	0	3	
									4	0	4	No test, pressure guage broken.
									4	0	4	
									6	0	6	
									6	0	6	
									4	0	4	
									2	0	2	No test this month.
									3	0	3	
									5	0	5	
									40	0	40	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									11	0	11	
									1	0	1	
									3	0	3	
									4	0	4	

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Offices.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times be- low Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
Chatham :—									
July			17.38	16	0	1			
August.....			16.49	16	0	1			
September.....			16.70	16	0	1			
October.....			16.08	16	0	1			
November.....			17.35	16	0	1			
December.....			16.76	16	0	1			
January.....			16.90	16	0	1			
February.....			16.40	16	0	1			
March.....			16.41	16	0	1			
April.....			17.32	16	0	1			
May.....			17.71	16	0	1			
June.....			16.62	16	0	1			
					0	12			
Cobourg :—									
July			17.20	16	0	1			
August.....			17.00	16	0	1			
September.....			17.00	16	0	1			
October.....			16.56	16	0	1			
November.....			16.67	16	0	1			
December.....			16.86	16	0	1			
January.....			16.86	16	0	1			
February.....			16.72	16	0	1			
March.....			16.15	16	0	1			
April.....			16.64	16	0	1			
May.....			16.60	16	0	1			
June.....			Nil.						
					0	11			
Cornwall :—									
July			25.58	16	0	1			
August.....			20.98	16	0	1			
September.....			24.00	16	0	1			
October.....			22.78	16	0	1			
November.....			21.94	16	0	1			
December.....			23.35	16	0	1			
January.....			22.32	16	0	1			
February.....			19.24	16	0	1			
March.....			19.30	16	0	1			
April.....			17.85	16	0	1			
May.....			23.18	16	0	1			
June.....			20.49	16	0	1			
					0	12			

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Offices.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times be- low Standard.	No. of Tests.	Highest	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
Dundas:—									
July.....			18.44	16	0	1			
August.....			17.85	16	0	1			
September.....			18.29	16	0	1			
October.....			19.23	16	0	1			
November.....			18.19	16	0	1			
December.....			18.68	16	0	1			
January.....			18.41	16	0	1			
February.....			19.40	16	0	1			
March.....			18.06	16	0	1			
April.....			18.15	16	0	1			
May.....			17.85	16	0	1			
June.....			18.21	16	0	1			
					0	12			
Guelph:—									
July.....			19.34	16	0	1			
August.....			19.34	16	0	1			
September.....			19.18	16	0	1			
October.....			19.34	16	0	1			
November.....			17.70	16	0	1			
December.....			17.65	16	0	1			
January.....			19.18	16	0	1			
February.....			18.68	16	0	1			
March.....			18.15	16	0	1			
April.....			18.84	16	0	1			
May.....			19.83	16	0	1			
June.....			20.39	16	0	1			
					0	12			
Hamilton:—									
July.....			18.50	16	0	1			
August.....			17.35	16	0	1			
September.....			17.40	16	0	1			
October.....			15.81	16	1	1			
November.....			16.36	16	0	1			
December.....			16.86	16	0	1			
January.....			16.81	16	0	1			
February.....			17.00	16	0	1			
March.....			16.40	16	0	1			
April.....			16.81	16	0	1			
May.....			17.35	16	0	1			
June.....			18.31	16	0	1			
					1	12			

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Office.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times be- low Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
Ingersoll :—									
July.....			17.00	16	0	1			
August.....			17.76	16	0	1			
September.....			16.32	16	0	1			
October.....			17.31	16	0	1			
November.....			18.21	16	0	1			
December.....			16.82	16	0	1			
January.....			16.00	16	0	1			
February.....			19.05	16	0	1			
March.....			17.65	16	0	1			
April.....			19.22	16	0	1			
May.....			17.93	16	0	1			
June.....			16.25	16	0	1			
					0	12			
Kingston :—									
July.....	22.38	19.12	20.91	16	0	4			
August.....	22.81	21.22	22.08	16	0	4			
September.....	22.13	20.75	21.25	16	0	5			
October.....	22.80	21.25	22.20	16	0	4			
November.....	22.40	20.08	21.10	16	0	4			
December.....	22.50	20.02	21.78	16	0	4			
January.....	22.44	21.58	22.10	16	0	4			
February.....	22.76	20.06	21.87	16	0	4			
March.....	23.84	22.57	23.37	16	0	4			
April.....	22.80	22.31	22.52	16	0	3			
May.....	24.06	20.03	22.70	16	0	4			
June.....	22.80	19.30	21.80	16	0	5			
					0	49			
Lindsay :—									
July.....			20.50	16	0	1			
August.....			20.30	16	0	1			
September.....			20.64	16	0	1			
October.....			21.32	16	0	1			
November.....			21.38	16	0	1			
December.....			21.65	16	0	1			
January.....			21.43	16	0	1			
February.....			21.00	16	0	1			
March.....			22.70	16	0	1			
April.....			20.80	16	0	1			
May.....			20.50	16	0	1			
June.....					0	11			

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Office.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times below Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
London :—									
July	19.20	18.29	18.65	16	0	3			
August.....	20.82	19.14	19.72	16	0	4			
September.....	20.00	18.01	19.24	16	0	4			
October.....	21.78	19.24	20.43	16	0	4			
November.....	20.77	19.86	20.28	16	0	3			
December.....	22.48	20.62	21.49	16	0	3			
January.....	20.05	19.76	19.87	16	0	3			
February.....	20.00	18.84	19.49	16	0	3			
March.....	21.45	19.70	20.67	16	0	3			
April.....	22.85	18.81	20.57	16	0	3			
May.....	21.00	20.18	20.73	16	0	3			
June.....	21.00	20.10	20.55	16	2	2			
					0	38			
Ottawa :—									
July.....	17.60	15.35	16.46	16	3	8	33.81	18.24	27.47
August.....	16.74	15.56	16.12	16	2	8	27.28	22.46	25.53
September.....	17.62	15.90	16.47	16	2	8	28.36	20.64	23.84
October.....									
November.....	16.56	14.16	15.31	16	6	8	21.21	16.35	18.61
December.....	16.82	13.34	14.83	16	7	8	20.40	14.27	18.74
January.....	14.48	13.06	13.68	16	8	8	19.50	11.36	15.46
February.....	16.03	13.80	14.67	16	7	8	19.75	11.30	15.12
March.....	16.00	14.50	15.04	16	4	5	19.33	11.75	16.65
April.....									
May.....	15.06	15.06	15.06	16	1	1			18.13
June.....	16.39	11.65	14.44	16	4	5	26.30	20.59	23.52
					44	67			
Peterborough :—									
July.....			16.98	16	0	1			
August.....			17.26	16	0	1			
September.....			16.92	16	0	1			
October.....			17.85	16	0	1			
November.....			17.45	16	0	1			
December.....			17.00	16	0	1			
January.....			16.86	16	0	1			
February.....			17.00	16	0	1			
March.....			17.11	16	0	1			
April.....			17.10	16	0	1			
May.....			16.80	16	0	1			
June.....									
					0	11			

G—Continued.

Inspected during the Year ended 30th June, 1888.

100 Cubic Feet.			Ammonia per 100 Cubic Feet.			Sulphuretted Hydrogen.			Remarks.			
Standard	Times in excess of Allowance.	No. of Tests.	Highest.	Lowest.	Average	Standard	Times in excess of Allowance.	No. of Tests.		No. of times absent.	No. of times present.	No. of Tests.
Grains.			Grains.	Grains.	Grains.	Grains						
									3	0	3	
									4	0	4	
									4	0	4	
									4	0	4	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									2	0	2	
									38	0	38	
35	0	4	3.13	1.55	2.33	4	0	4	8	0	8	
35	0	4	3.09	1.53	2.31	4	0	4	8	0	8	
35	0	4	1.26	1.00	1.16	4	0	4	8	0	8	
35	0	4	2.25	1.49	1.89	4	0	4	8	0	8	
35	0	4	2.26	1.50	1.89	4	0	4	8	0	8	
35	0	4	2.76	1.97	2.36	4	0	4	8	0	8	
35	0	4	2.52	1.50	1.97	4	0	4	8	0	8	
35	0	3	3.00	2.50	2.75	4	0	3	5	0	5	
35	0	1										Office being removed to new premises.
35	0	3	3.09	2.59	2.84	4	0	3	5	0	5	
		35							0	34	66	
									1	0	1	Inspector on leave
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									11	0	11	

Inspector on leave.

Office being removed to new premises.

Inspector on leave

APPENDIX

RETURN of the Illuminating Power and Purity of Gas.

Inspection Office.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times be- low Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
Port Hope :—									
July.....			16.80	16	0	1			
August.....			16.97	16	0	1			
September.....			19.40	16	0	1			
October.....			16.80	16	0	1			
November.....			17.56	16	0	1			
December.....			16.33	16	0	1			
January.....			17.14	16	0	1			
February.....			16.88	16	0	1			
March.....			17.45	16	0	1			
April.....			17.00	16	0	1			
May.....			16.86	16	0	1			
June.....					0	0			
					0	11			
Stratford :—									
July.....				16					
August.....				16					
September.....				16					
October.....			16.50	16	0	1			
November.....			18.00	16	0	1			
December.....			16.86	16	0	1			
January.....			18.23	16	0	1			
February.....			17.40	16	0	1			
March.....			16.05	16	0	1			
April.....			16.93	16	0	1			
May.....			17.34	16	0	1			
June.....			17.00	16	0	1			
					0	9			
St. Catharines :—									
July.....				16					
August.....			16.81	16	0	1			
September.....			16.53	16	0	1			
October.....			16.22	16	0	1			
November.....			16.33	16	0	1			
December.....			16.50	16	0	1			
January.....			16.36	16	0	1			
February.....			16.72	16	0	1			
March.....			16.50	16	0	1			
April.....			17.28	16	0	1			
May.....			18.56	16	0	1			
June.....			22.22	16	0	1			
					0	11			

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Office.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average	Standard	No. of times be- low Standard	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
St. Thomas :—									
July			17·70	16	0	1			
August.....			15·71	16	1	1			
September.....			16·80	16	0	1			
October			17·50	16	0	1			
November			16·50	16	0	1			
December			16·28	16	0	1			
January			16·89	16	0	1			
February			16·36	16	0	1			
March			16·23	16	0	1			
April			17·46	16	0	1			
May.....			17·04	16	0	1			
June			16·68	16	0	1			
					1	12			
Toronto :—									
July	18·23	17·26	17·63	16	0	10	17·07	14·22	15·64
August.....	18·59	16·33	17·34	16	0	8	15·45	14·15	14·80
September.....	18·83	16·19	17·60	16	0	9	16·72	11·18	13·95
October	17·94	16·56	17·21	16	0	9	16·06	14·32	15·19
November	17·79	16·14	16·94	16	0	8	15·37	14·41	13·39
December	18·08	16·29	17·05	16	0	10	13·48	11·38	12·43
January	17·50	15·95	16·93	16	1	9	16·47	13·45	14·96
February	17·56	15·51	16·83	16	1	8	14·22	8·84	11·53
March	17·50	16·04	16·81	16	0	9	15·86	11·54	13·70
April.....	17·78	16·11	16·97	16	0	8	13·71	11·22	12·46
May.....	17·53	16·84	17·10	16	0	9	13·93	10·48	12·20
June	17·56	16·33	16·98	16	0	9	14·21	13·81	14·01
					2	106			
Windsor :—									
July			16·65	16	0	1			
August.....			16·69	16	0	1			
September.....			18·52	16	0	1			
October			17·79	16	0	1			
November			17·85	16	0	1			
December			17·00	16	0	1			
January			17·63	16	0	1			
February			16·53	16	0	1			
March			16·70	16	0	1			
April.....			17·96	16	0	1			
May.....			17·10	16	0	1			
June			16·92	16	0	1			
					0	12			

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Offices.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times be- low Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
Woodstock :—									
July			18·97	16	0	1			
August			19·34	16	0	1			
September			20·62	16	0	1			
October			21·07	16	0	1			
November			18·37	16	0	1			
December			22·85	16	0	1			
January			20·20	16	0	1			
February			20·47	16	0	1			
March			21·85	16	0	1			
April			20·40	16	0	1			
May			20·70	16	0	1			
June			19·41	16	0	1			
					0	12			
Montreal :—									
July	18·24	16·15	17·07	16	0	8	32·82	22·04	27·43
August	18·02	16·33	17·31	16	0	10	23·78	15·31	19·54
September	18·24	16·86	17·82	16	0	8	51·50	38·07	44·78
October	18·46	17·33	17·90	16	0	9	52·27	41·57	46·92
November	19·44	17·43	18·23	16	0	9	45·10	17·98	31·54
December	18·55	17·14	17·95	16	0	8	43·11	37·92	40·51
January	17·80	16·00	16·62	16	0	9	50·91	45·95	48·43
February	17·76	16·91	17·21	16	0	9	49·33	46·70	48·01
March	19·81	16·87	18·49	16	0	8	53·91	39·95	46·93
April	19·53	17·55	18·11	16	0	9	54·35	44·21	49·28
May	18·10	17·19	17·51	16	0	9	47·14	34·87	41·00
June	18·41	16·81	17·63	16	0	8	51·36	34·76	42·06
					0	104			
Quebec :—									
July			19·32	16	0	1	18·09	9·90	13·99
August			18·03	16	0	1	19·29	12·64	15·96
September			17·87	16	0	1	9·17	8·72	8·94
October			16·96	16	0	1	23·76	12·18	17·97
November			17·76	16	0	1	17·87	17·36	17·61
December			16·31	16	0	1	14·47	13·06	13·76
January			16·87	16	0	1	25·49	16·83	21·16
February							15·91	13·25	14·58
March			17·48	16	0	1	12·73	12·31	12·52
April			16·92	16	0	1	18·64	16·91	17·77
May			16·70	16	0	1	20·64	18·26	19·45
June			17·61	16	0	1	15·95	14·56	15·25
					0	11			

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Office.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times below Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles			Grains.	Grains.	Grains.
Sherbrooke :—									
July			25.96	16	0	1			
August			25.04	16	0	1			
September			23.48	16	0	1			
October			25.20	16	0	1			
November			29.93	16	0	1			
December			27.38	16	0	1			
January			23.58	16	0	1			
February			25.77	16	0	1			
March			26.67	16	0	1			
April			27.23	16	0	1			
May			28.96	16	0	1			
June			26.92	16	0	1			
					0	12			
Three Rivers :—									
July	16.66	15.12	16.03	16	2	5			
August	16.81	15.76	16.33	16	1	5			
September	16.24	15.23	15.84	16	2	4			
October	16.35	15.80	16.00	16	3	4			
November	17.15	16.04	16.59	16	0	4			
December	17.50	15.62	17.02	16	1	5			
January	16.58	16.32	16.43	16	0	4			
February	16.89	15.54	16.24	16	2	5			
March	17.09	15.79	16.44	16	1	4			
April	17.38	16.16	16.78	16	0	4			
May	17.34	16.55	16.88		0	4			
June	18.12	16.08	16.82		0	4			
					12	52			
Chatham, N.B. :—									
July	16.10	15.80	15.96	16	1	3			
August	16.20	15.90	16.06	16	1	3			
September	16.00	15.60	15.80	16	2	3			
October	16.10	15.70	15.87	16	2	3			
November	16.20	15.90	16.03	16	1	3			
December	15.90	15.40	15.66	16	3	3			
January	16.10	15.70	15.90	16	2	3			
February	16.00	15.40	15.67		2	3			
March									
April									
May									
June									
					14	24			

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Offices.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times be- low Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
Fredericton :—									
July.....			16·81	16	0	1			
August.....			16·95	16	0	1			
September.....			16·51	16	0	1			
October.....			16·73	16	0	1			
November.....			16·58	16	0	1			
December.....			16·82	16	0	1			
January.....			16·09	16	0	1			
February.....			16·00	16	0	1			
March.....									
April.....			16·24	16	0	1			
May.....			17·54	16	0	1			
June.....			17·86	16	0	1			
					0	11			
Moncton, N.B. :—									
July.....	17·30	17·10	17·20	16	0	3			
August.....	16·70	16·60	16·66	16	0	3			
September.....	17·10	16·90	17·00	16	0	3			
October.....									
November.....	17·30	17·00	17·16	16	0	3			
December.....	17·20	16·80	17·00	16	0	3			
January.....	17·00	16·60	16·80	16	0	3			
February.....	16·70	16·50	16·57	16	0	3			
March.....									
April.....									
May.....									
June.....									
					0	21			
St. John :—									
July.....	16·86	16·19	16·47	16	0	7	24·35	17·95	21·59
August.....	18·01	16·14	16·70	16	0	8	20·43	14·78	17·95
September.....	18·08	16·22	17·06	16	0	6	30·38	22·45	26·74
October.....	17·36	16·05	16·81	16	0	7	35·71	31·71	33·95
November.....	17·85	16·25	17·07	16	0	7	28·33	17·11	22·70
December.....	18·06	16·22	17·08	16	0	6	18·63	14·91	16·71
January.....	16·86	15·87	16·49	16	1	7	18·03	14·62	16·38
February.....	17·06	16·36	16·77	16	0	7	14·33	13·49	13·92
March.....	17·86	16·22	17·25	16	0	7	19·02	15·33	16·73
April.....	17·30	16·22	16·78	16	0	7	18·89	16·13	17·29
May.....	18·15	16·70	17·20	16	0	8	20·33	18·68	19·30
June.....	17·68	16·53	17·20	16	0	7	22·86	17·16	19·06
					1	84			

G—Continued.

Inspected during the Year ended 30th June, 1888.

100 Cubic Feet.			Ammonia per 100 Cubic Feet.			Sulphuretted Hydrogen.					Remarks.	
Standard	Times in excess of Allowance.	No. of Tests.	Highest	Lowest.	Average	Standard	Times in excess of Allowance.	No. of Tests.	No. of times absent.	No. of times present.		No. of Tests.
Grains.			Grains.	Grains.	Grains.	Grains.						
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	0	1	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	0	2	2	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	1	0	1	
.....	.....	.....	.....	.....	.....	.....	.....	.....	9	3	12	
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	0	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	0	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	0	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	0	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	0	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	0	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	0	3	
.....	.....	.....	.....	.....	.....	.....	.....	.....	21	0	21	
35	0	4	4.12	2.46	3.29	4	1	4	7	0	7	
35	0	4	2.17	.71	1.40	4	0	4	8	0	8	
35	0	4	3.01	1.94	1.28	4	0	4	6	0	6	
35	1	3	1.57	1.06	1.36	4	0	3	7	0	7	
35	0	4	2.04	1.05	1.99	4	0	4	7	0	7	
35	0	4	1.18	.00	.75	4	0	4	6	0	6	
35	0	4	1.61	.56	.94	4	0	4	7	0	7	
35	0	4	1.85	.89	1.23	4	0	4	7	0	7	
35	0	4	3.08	.44	1.35	4	0	4	7	0	7	
35	0	4	1.67	.60	1.04	4	0	4	7	0	7	
35	0	5	1.10	.64	.81	4	0	5	8	0	8	
35	0	4	1.15	.57	.83	4	0	4	7	0	7	
.....	1	48	.....	.....	.....	.....	1	48	84	0	84	

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Office.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times below Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
Halifax :—									
July.....	19·94	18·83	19·38	16	0	2	29·30	28·54	28·92
August.....	20·91	20·58	20·74	16	0	2	44·87	27·56	36·21
September.....	20·35	20·24	20·29	16	0	2	40·68	27·04	33·86
October.....	18·95	18·41	18·68	16	0	2	37·11	19·95	28·53
November.....	19·56	19·49	19·52	16	0	2	34·62	14·78	24·70
December.....	18·78	18·26	18·52	16	0	2	29·43	27·95	28·69
January.....	20·01	18·45	19·23	16	0	2	37·58	28·44	38·01
February.....	18·71	18·40	18·55	16	0	2	25·18	24·36	24·77
March.....	19·60	19·48	19·54	16	0	2	25·49	25·49	25·49
April.....	18·18	17·54	17·86	16	0	2	27·59	25·27	26·43
May.....	16·30	17·50	16·90	16	0	2	22·65	24·81	23·63
June.....	18·00	17·67	17·83	16	0	2	30·10	22·76	26·43
					0	24			
Pictou—									
July.....			19·24	16	0	1			
August.....			20·12	16	0	1			
September.....			20·15	16	0	1			
October.....			19·64	16	0	1			
November.....			20·20	16	0	1			
December.....			20·15	16	0	1			
January.....			19·04	16	0	1			
February.....			18·83	16	0	1			
March.....			18·37	16	0	1			
April.....			18·32	16	0	1			
May.....			18·00	16	0	1			
June.....			20·63	16	0	1			
					0	12			
Yarmouth :—									
July.....			17·48	16	0	1			
August.....			19·33	16	0	1			
September.....			17·48	16	0	1			
October.....			16·39	16	0	1			
November.....			16·28	16	0	1			
December.....			17·49	16	0	1			
January.....			16·46	16	0	1			
February.....			16·73	16	0	1			
March.....			16·10	16	0	1			
April.....			17·23	16	0	1			
May.....			17·33	16	0	1			
June.....			16·64	16	0	1			
					0	12			

APPENDIX

RETURN of the Illuminating Power and Purity of Gas

Inspection Office.	Illuminating Power.						Sulphur per		
	Highest.	Lowest.	Average.	Standard	No. of times below Standard.	No. of Tests.	Highest.	Lowest.	Average
	Candles.	Candles.	Candles.	Candles.			Grains.	Grains.	Grains.
Charlottetown :—									
July.....	20.46	20.00	20.21	16	0	3			
August.....	20.20	18.30	19.00	16	0	3			
September.....	18.90	18.04	18.35	16	0	3			
October.....	18.60	17.90	18.28	16	0	3			
November.....	20.35	19.15	19.90	16	0	3			
December.....	19.86	18.95	19.43	16	0	4			
January.....	20.10	17.44	18.85	16	0	3			
February.....	21.60	18.57	20.06	16	0	3			
March.....	20.37	19.35	19.78	16	0	4			
April.....	19.51	18.73	19.19	16	0	3			
May.....	19.69	16.82	18.14	16	0	3			
June.....	19.41	17.91	18.87	16	0	3			
					0	38			
Winnipeg :—									
July.....			19.40	16	0	1			
August.....			20.34	16	0	1			
September.....			20.30	16	0	1			
October.....			21.07	16	0	1			
November.....			20.25	16	0	1			
December.....			21.00	16	0	1			
January.....			20.84	16	0	1			
February.....			20.90	16	0	1			
March.....			19.80	16	0	1			
April.....			19.24	16	0	1			
May.....			19.68	16	0	1			
June.....			20.00	16	0	1			
					0	12			
Victoria, B. C. :—									
July.....	18.21	17.94	18.08	16	0	3			
August.....	19.10	18.20	18.75	16	0	3			
September.....	18.21	17.75	18.03	16	0	3			
October.....	18.50	18.10	18.31	16	0	3			
November.....	18.44	18.10	18.34	16	0	3			
December.....	18.77	17.61	18.35	16	0	3			
January.....	18.60	18.34	18.47	16	0	3			
February.....	18.36	18.07	18.23	16	0	3			
March.....	18.12	17.56	17.79	16	0	3			
April.....	18.35	18.10	18.21	16	0	3			
May.....	17.70	17.56	17.62	16	0	3			
June.....	18.20	17.75	18.03	16	0	3			
					0	36			

G—Continued.

Inspected during the Year ended 30th June, 1888.

100 Cubic Feet.			Ammonia per 100 Cubic Feet.				Sulphuretted Hydrogen.				Remarks.	
Standard	Times in excess of Allowance.	No. of Tests.	Highest.	Lowest.	Average	Standard	Times in excess of Allowance.	No. of Tests.	No. of times absent.	No. of times present.		No. of Tests.
Grains.			Grains.	Grains.	Grains.	Grains.						
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									4	0	4	
									3	0	3	
									3	0	3	
									4	0	4	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									38	0	38	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									1	0	1	
									12	0	12	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
									3	0	3	
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									3	0	3	
									3	0	3	
									36	0	36	

REPORT

ON

ADULTERATION OF FOOD

BEING

SUPPLEMENT No. III

TO THE REPORT

OF THE

DEPARTMENT OF INLAND REVENUE,

1888.

Printed by Order of Parliament.



OTTAWA:

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INSPECTION OF FOOD

To the Honorable
The Minister of Inland Revenue.

SIR,—I have the honor herewith to submit my report respecting the analysis of food, also the reports of the analysts appointed under the Act; together with tabulated statements prepared in this Department of the results of the analysis of the various samples submitted to them.

The following is a summary statement of the whole number of samples analysed by the local Dominion analysts:—

Name of Sample.	Genuine.	Adulterated.	Doubtful.	Total.
Butter.....	76	13	.....	89
Cheese.....	70	3	.....	73
Cream of tartar.....	20	13	.....	33
Coffee.....	49	23	3	85
Drugs.....	26	5	14	45
Liquors.....	131	23	10	164
Milk.....	113	28	7	148
Spices.....	78	111	5	194
Total.....	563	219	39	831
Water.....	.....	.....	.....	146
Total.....	.....	.....	.....	977

In addition to the work thus summarized, the Chief Analyst has conducted, at the Departmental Laboratory, a systematic series of analyses of specific articles, viz.:—

In respect of these the Chief Analyst has been authorized to publish an independent bulletin as each series is completed. These have been reproduced as appendices and will form valuable material upon which to fall back in building up a system of administration, which, though at present tentative and perhaps disappointing to enthusiasts in immediate results, will, it is hoped, as experience is gained and standards of purity are established, so reduce the cost of systematic and general analysis and inspection as to exercise a noticeable influence upon the general character of food products offered for sale in the Dominion.

At the present time a great pressure is being exerted towards the establishment of a standard for milk. The Chief Analyst recommends $3\frac{1}{2}$ per cent. butter fat and 12 per cent. total solids as a minimum. The undersigned, while admitting the extreme desirability of determining some definite standard, is of opinion that

the Department has not yet such information as would justify the hope that one could be fixed which would be fair to all localities and conditions.

Further tests will be made over a wide extent of territory, and it is hoped that before long the Department may feel itself justified in recommending some more definite action.

The undersigned regrets that the percentage of adulterated samples, more especially of butter, coffee and spices has largely increased. The latter, while not so serious to the public health as many other adulterations, is, at the best, a commercial fraud, and is so serious in extent that the question of licensing spice mills and systematically inspecting the product seems to be one which may be urged upon the Government in the not very distant future.

I have the honor to be, Sir,

Your obedient servant,

E. MIALL,

Commissioner of Inland Revenue.

INLAND REVENUE DEPARTMENT,

OTTAWA, 2nd March, 1889.

APPENDIX A.

INSPECTION OF FERTILISERS, FOOD AND DRUGS.

REPORTS OF PUBLIC ANALYSTS.

1.—DISTRICT OF NOVA SCOTIA.

OFFICE OF THE PUBLIC ANALYST,
HALIFAX, N.S., 22nd January, 1889.

To the Commissioner of Inland Revenue,
Ottawa.

SIR,—I have the honor to submit my report on the samples of food, drugs, &c., received for analysis during the year ending 30th June, 1888.

I have analysed in all 158 samples of which I have returned, 118 as genuine and forty as adulterated, as appears from the following table:—

	Genuine	Adulterated	Total
Butter	6	6	12
Cheese	16	3	19
Coffee	6	9	15
Cream of tartar.....	4	1	5
Liquors.....	31	1	32
Milk	11	7	18
Spices.....	19	13	32
Water.....	25	.....	25
Total	118	40	158

Butter.

In most cases the flavor was very far from good; no foreign fats were found, the adulteration consisting of too much salt and water.

Cheese.

Generally of very good quality.

Coffee.

The addition of both chicory and roasted grains to this article is carried to a great extent; 60 per cent. of the samples containing either one or both.

Milk.

Of the eighteen samples, six were taken in the country, and were all genuine, of the remaining twelve taken in this city seven were adulterated 53 per cent., either by removal of cream or addition of water.

Spices.

A large amount of adulteration is carried on under this head, as much as 40 per cent. of the samples analysed.

I have the honor to be, Sir,
Your obedient servant,
MAYNARD BOWMAN,
Public Analyst.

2.—DISTRICT OF NEW BRUNSWICK.

CHEMICAL LABORATORY, 74 GERMAIN ST.,
ST. JOHN, N. B., 23rd January, 1889.

To the Commissioner of Inland Revenue,
Ottawa.

SIR,—I have the honor to submit to you my Annual Report on Food Analysis for the year ending 30th June, 1888.

During the year I received 117 samples for analysis.

Of these 28 were found to be adulterated, 83 were genuine, and 9 were classed as doubtful.

I append a tabulated list of the samples examined:—

	Genuine	Adulterated.	Doubtful.	Total.
Butter.....	7	3	.....	10
Cheese.....	15	.....	.....	15
Coffee.....	10	.....	.....	10
Cream of tartar.....	3	2	.....	5
Milk.....	7	.....	.....	7
Spices.....	8	16	.....	24
Spirituos liquors.....	3	1	6	10
Water.....	14	3	3	20
Whole milk.....	16	.....	.....	16
Total.....	83	25	9	117

Butter.

The limited number of samples of butter examined fails to reveal the presence of "butterine" which is now imported from the United States to a considerable amount, and sold in this city as genuine butter.

Cheese.

All the samples of cheese examined were found to be pure and free from farinaceous matter.

Coffee.

All the samples genuine.

Cream of Tartar.

Of the five samples of cream of tartar examined three were genuine, and two adulterated with "gypsum." It should be possible to bring about an improvement in the quality of the cream of tartar sold in Canada. At the present time at least one third of the so called cream of tartar is adulterated with most objectionable substances.

Milk.

It will be seen that there is apparently a change for the better in the milk supplied to the residents of this city. It remains to be seen whether this state of things will continue.

Spices.

As usual a large proportion of the spices were found to be adulterated.

Spirituos Liqueur.

It is evident that quite a large proportion of the spirituous liquor sold in this city is more or less sophisticated.

Water.

The samples of drinking water examined do not reveal any very objectionable features, although in some cases it would no doubt be advisable to examine the water supply at regular periods.

Whole Milk.

The samples of whole milk which were taken with a view to establishing milk standards for the Dominion have been made the subject of a special report by the Chief Analyst.

I have the honor to be, Sir,

Your obedient servant,

W. F. BEST,
Public Analyst.

3.—DISTRICT OF QUEBEC.

OFFICE OF THE PUBLIC ANALYST,
 QUEBEC, 3rd November, 1888.

To the Commissioner of Inland Revenue,
 Ottawa.

SIR,—I beg to forward my report for the year ended 1st July, 1888.

The Government officials supplied me with 154 samples during the year. I found 116 to be pure, 37 adulterated, and 1 doubtful, as shown by the following table:—

Nature of Sample.	Good.	Adulterated.	Doubtful.	Total.
Coffee	9	1	.....	10
Milk	14	3	1	18
Cream of tartar .....	.....	5	.....	5
Whiskey	10	.....	.....	10
Gin	15	.....	.....	15
Mustard	2	5	.....	7
Pepper .....	.....	6	.....	6
Cayenne pepper .....	.....	2	.....	2
Cinnamon .....	.....	2	.....	2
Cloves .....	.....	2	.....	2
Mace	1	.....	.....	1
Allspice .....	.....	.....	.....	1
Ginger .....	.....	2	.....	2
Nutmegs	2	.....	.....	2
Cheese	8	.....	.....	8
Butter	41	2	.....	43
		Bad.	.....
Water	13	7	.....	20
Total	116	37	1	154

Whiskey

Is, as a rule, more or less diluted, and contains no amylic nor propylic compounds. The same thing may be said of the gin samples supplied to me.

Spices.

Adulteration is generally practised upon what is called by the generic term spices such as mustard, cloves, ginger, &c.

Butter.

I have classed nearly all the butter samples as good, though most of them contain too much water and salt. They are samples of good butter, but badly prepared.

Water.

All the samples collected from the Quebec water works are of excellent quality. Those from River St. Charles are also of excellent quality, with the exception of those collected in the Louise Basin.

As a rule, the water taken from wells or cisterns must be considered as non-potable.

At Notre Dame de Lévis, several institutions and establishments have reservoirs or wells, whereof the water should be filtered before consumption.

I have the honor to be, Sir,

Your obedient servant,

M. Fiset, M. D. L.

Public Analyst.

4—DISTRICT OF MONTREAL.

OFFICE OF THE PUBLIC ANALYST,

MONTREAL, 7th February, 1889.

To the Commissioner of Inland Revenue,
Ottawa.

SIR,—I have the honor of submitting to you my annual report of the results of my analysis of samples of food and drugs for the year ending 1st July, 1888.

During the year I have analyzed and reported upon 179 samples taken in my district, viz. :—

	Samples.
By Food Inspector Mr. Watkins.....	99
By Mr. Collector Simpson, Sherbrooke.....	20
By Inspector Mr. Towle.....	28
By District Inspector Mr. Costigan.....	32
Total.....	179

Of these I have found 115 genuine, 55 adulterated, 9 doubtful, as may be seen in the table annexed :—

Nature of Sample.	Genuine.	Adulterated	Doubtful.	Total.
Milk.....	28	4	.....	32
Butter.....	8	2	.....	10
Cheese.....	24	.....	.....	24
Coffee.....	7	8	.....	15
Drugs (cream of tartar).....	3	2	.....	5
Spices.....	8	22	2	32
Liquors.....	28	9	4	33
	Wholesome.	Impure.		
Potable waters from wells, rivers and public supplies in the district, viz. :—Montreal Water Works, St. Lawrence, private wells, St. Johns, P.Q., Outremont, Joliette, Three Rivers.	17	8	3	28
Total.....	115	55	9	179

The above results may be considered on the whole satisfactory, especially in regard to the quality of milk, perhaps the most important article of food, and the one most readily tampered with, and the diminished ratio of adulteration seems to show that the operation of the Act has had a deterring and beneficial effect.

The number of samples examined is, however, far too small for such a population and should be increased tenfold, to afford a fair inference. Some improvement may be noted in the quality of the coffees and those sent in from the country seem fairly pure, but the same remark as to the paucity of the number of samples applies to this important article of food.

The spices do not show much improvement. The spirituous liquors do not show such gross adulteration as is popularly suspected, being chiefly lowered in strength by dilution with water, and probably in some cases fortified again with alcohol as "high wines." The standard, however, of these liquors is difficult to fix, except for

medicinal purposes. It is satisfactory to find that cheese manufactured in Canada is of a genuine character and of very fair quality. Greater pains should, however, be taken to give it improved keeping qualities.

The inquiry into the public supplies of "potable water" I regard as the most important work yet undertaken by the Department, and the results so far obtained would, I consider, justify municipal authorities or Provincial Boards of Health in closing up old private wells, and replacing these by artesian wells of adequate depth, so as to obtain the well filtered water of the lower stratum, and excluding all surface water.

Wells in cities, and closely populated districts, should be filled up and closed permanently, wherever a public water supply can be obtained or a river supply reached. This is necessary, not only for the direct benefit of the public health, but indirectly for the benefit of the cattle supplying us with food as milk or meat.

During my daily inspection of last summer I found many herds of cattle badly supplied with water, some wells and tanks placed in or near horse and cow stables, receiving drainage therefrom. The sheds in a filthy condition, uncleaned from the previous winter manure, and the daily milking during the summer conducted in these dirty, crowded and ill-ventilated shippens. Some of the water tanks are placed within the sheds and receive all the ammoniacal vapors and organic germs arising from the decomposing manure.

It would be desirable that a regular inspection of these "dairy farms" should be made by the Government to regulate the proper housing, ventilating and watering of these poor cattle, especially during the winter season.

It would also be desirable for milk standards to have the milk tested as to quality and cream, when the cows are out of exercise and on winter food—to compare its quality with the results obtained when on pasturage and free to roam.

It would also be most desirable to have a similar series of water samples tested during the low water and heat of autumn, to compare with the samples taken in February and March from under the ice. The dangerous impurities in well and river water occur during the summer drought and at the fall of the year, at which periods I consider that a system of public filtration is essential to the health of populous towns and cities, as this is a period at which much preventable sickness occurs from this source.

I have the honor to be, Sir,

Your obedient servant,

JOHN BAKER EDWARDS, Ph.D., D.C.L., F.C.S.,

Public Analyst.

5.—DISTRICT OF KINGSTON.

PUBLIC ANALYST'S OFFICE, OTTAWA, 15th January, 1889.

To the Commissioner of Inland Revenue,
Ottawa.

SIR,—I have the honor to lay before you my report of analysis of foods, drugs, &c., to 30th June, 1888.

The annexed table shows a résumé of my operations during this last fiscal year.

It may be remarked at the inspection of it, that the adulteration of condiments and liquors is carried on a very large scale, and that the authorities should watch more closely, if possible, the manufactures and sale of these articles.

I have the honor to be, Sir,

Your obedient servant,

F. X. VALADE, M.D.,
Public Analyst.

Nature of Sample.	Good.	Fair.	Bad.	Total.
Coffee.....	5	3	2	10
Cream of tartar.....	4	.....	1	5
Condiments.....	7	1	17	25
Drugs.....	.....	.....	.....	25
Liquors.....	13	.....	12	25
Milk.....	16	.....	.....	16
Water.....	.....	.....	.....	29
Total.....	.....	.....	.....	176

F. X. VALADE, M. D.,
Public Analyst.

6.—DISTRICT OF TORONTO.

SCHOOL OF PRACTICAL SCIENCE,
TORONTO, 11th January, 1889.

To the Commissioner of Inland Revenue,
Ottawa.

SIR,—I have the honor to submit my report for the past year.

Since July, 1887, I have analysed 236 samples, including 25 samples of water and 37 samples of milk from herds of cows milked under the supervision of myself and an officer of the Department for the purpose of getting data for the establishment of milk standards.

This number also includes 14 samples of butter and 7 samples of cheese, which should have been submitted to me during the year but which I did not receive until July of the present year.

The following table is a summary of the results of my work, except that upon water and upon milk standards:—

Sample.	Description.	Genuine.	Adulterated.	Doubtful.	Total.
Butter.....		14			14
Coffee.....		12	3		15
Cheese.....		7			7
Drugs.....	Cream of tartar.....	6			6
	Citrate of iron and ammonia.....	4			4
	do quinine.....	3	1		4
	Sweet spirits of nitre.....			3	3
	Tincture of opium.....	4			4
Milk.....	Quinine wine.....	4	1		5
Spices.....		19	14	6	39
	Allspice.....		1		1
	Cayenne.....		2		2
	Cinnamon.....	1	2		3
	Cloves.....		1	2	3
	Ginger.....	2	1		3
	Mace.....		1		1
	Mustard.....	6	3		9
	Nutmeg.....	2			2
	Pepper.....	5	3		8
	Spirits.....	Gin.....	19			19
Rectified spirits.....		5			5
Whiskey.....		15			15
		128	35	11	174

If we deduct from the total the 11 doubtful samples we have 163, of which 35 were adulterated, i.e., 21.4 per cent. Last year the percentage calculated in a similar manner was 28.4 per cent.

Butter.

In the 14 samples examined no evidence of the presence of foreign fats was met with.

Cheese.

Seven samples of cheese were analysed, with special reference to the possible admixture of foreign fats. No such adulteration was detected.

Coffee and Spices.

These call for no special remark.

Drugs.

The three samples of sweet spirits of nitre examined were considerably below the strength prescribed by the British Pharmacopeia. Eight preparations of quinine,

namely, 4 samples of citrate of iron and quinine, and 4 samples of quinine wine were examined. Of these one sample of citrate was found to contain only 3.7 per cent. of quinine instead of 14.2 per cent. as it should have done; and one sample of quinine wine only contained .13 grains of sulphate of quinine in the fluid ounce instead of 1 grain. All the samples of tincture of opium examined were of full pharmacopoeial strength.

Spirits.

My instructions with reference to the examination of the spirits were to look specially for methylated spirit and accordingly a careful search was made for methyl alcohol in every sample. In addition to the ordinary tests for methyl alcohol the following process was employed :

Two hundred c.c. of the sample was treated by fractional distillation from potassium carbonate and potassium hydrate until it was reduced to about 15 c.c. The specific gravity of this distillate was taken with great care and the percentage of alcohol deduced from the tables. This was usually between 88 and 91 per cent. Then by means of a Victor Meyer's apparatus the volume of vapour yielded by a given weight of the sample under known temperature and pressure was determined and compared with the volume of vapour yielded under the same conditions by an equal weight of a mixture of ethyl alcohol and water in the same proportions as in the sample. Since 1 grain of ethyl alcohol yields at 0° C. and 760 m.m. barometer, 485.37 c.c. cubic centimetres of vapour, while one grain of methyl alcohol yielded 687.7 cubic centimetres, it is possible to detect by this method a mixture of methyl alcohol with ethyl alcohol.

In none of the samples which I examined could I detect any methylated spirit either by this or any other method.

Milk.

Thirty-nine samples of milk were examined, of which 22 were submitted by the inspector for the municipality of Toronto. Of the other 17, 6 came from Peterboro', 6 from Port Hope and 5 from Toronto. The results of the analysis of these 17 samples of milk are shown in the following table:—

Locality.	Genuine.	Watered.	Skimmed	Total.
Peterboro'	4	2	.....	6
Port Hope	6	.....	.....	6
Toronto	4	1	.....	5

The milks submitted by the Toronto Municipal Inspector were first examined by him by the lactometer and lactoscope and hence the percentage of adulteration appears very large, as follows:—Genuine 5, watered 10, skimmed 1, doubtful 6; Total, 22. These numbers of course give no idea of the character of the milk supplied to Toronto.

Water.

Twenty-five samples of water from wells and public supplies in different towns were analysed. Of these, 5 were reported impure, 4 doubtful, 4 of medium purity and 12 of great purity.

Milk Standards.

During the month of July, in accordance with instructions received from the Department, I examined the milk derived from a number of herds of cows. The results of these examinations are contained in the following table:—

No.	Spec. Gravity.	Fat.	Solids not Fat.	Total Solids.	Remarks.	Date.	Time.	Name.	Location.
370	1031·9	3·36	8·85	12·21	Sour -	July	5 a.m.	Wm. Golding.....	Lot. 24
371	1028·0	2·90	9·25	12·23	do	do	5 p.m.	do	24
372	1031·0	3·23	10·23	13·46	.....	do	5 p.m.	Ed. Warnica.....	23
373	1030·0	4·01	8·50	12·51	.....	do	5 p.m.	— Pickering.....	.....
374	1030·6	3·79	8·53	12·32	.....	do	6 a.m.	W. Wallace.....	19
375	1031·8	3·64	8·92	12·56	.....	do	6 a.m.	P. McKenzie.....	18-19
376	1032·6	3·66	8·98	12·64	.....	do	7 p.m.	P. Gibson.....	18
377	1034·0	3·88	9·22	13·10	.....	do	7 p.m.	R. McBride.....	17
378	1031·4	3·54	8·70	12·24	.....	do	7 p.m.	J. Scrivener.....	16
379	1032·0	3·79	8·71	12·50	.....	do	8 a.m.	J. Weldrick.....	22 23
380	1031·2	3·88	8·20	12·08	.....	do	8 a.m.	R. Roseburgh.....	22
381	1031·0	4·87	8·61	13·48	.....	do	8 a.m.	S. Dunn.....	19-20
382	1032·2	{ 3·66 3·55	{ 9·02 9·03	{ 12·58 12·58	.....	do	19 p.m.	W. Carson.....	11
383	1030·6	{ 3·28 3·12	{ 8·41 8·56	{ 11·69 11·68	.....	do	19 p.m.	J. Duff.....	14
384	1030·6	{ 3·04 3·04	{ 8·41 8·47	{ 11·45 11·51	.....	do	20 p.m.	J. Bales.....	15
385	1029·5	{ 4·04 4·06	{ 8·33 8·31	{ 12·37 12·37	.....	do	20 p.m.	J. Shepperd.....	16
386	1031·9	{ 3·24 3·28	{ 8·93 8·96	{ 12·17 12·19	.....	do	21 a.m.	D. Holmes.....	20
387	1030·7	{ 4·10 4·00	{ 8·66 8·78	{ 12·76 12·78	.....	do	21 a.m.	W. Ford.....	.....
388	1029·7	{ 2·78 2·78	{ 7·99 8·00	{ 10·77 10·78	.....	do	21 p.m.	J. Breakey.....	15
389	1032·4	{ 2·80 2·96	{ 8·86 8·89	{ 11·85 11·85	.....	do	21 p.m.	J. McLean.....	16
390	1031·7	{ 3·76 3·74	{ 8·65 8·65	{ 12·41 12·39	.....	do	22 a.m.	D. McLean.....	11
391	1031·4	{ 3·98 3·95	{ 8·86 8·88	{ 12·84 12·83	.....	do	22 a.m.	W. Silvester.....	10
392	1031·3	{ 2·75 2·76	{ 8·42 8·43	{ 11·17 11·19	.....	do	25 p.m.	W. Harrison.....	11-12
393	1030·7	{ 4·11 4·16	{ 8·81 8·77	{ 12·92 12·93	.....	do	25 p.m.	D. Duncan.....	11
394	1031·4	{ 3·52 3·46	{ 8·72 8·85	{ 12·24 12·31	.....	do	26 a.m.	J. Wheelan.....	11
395	1032·1	{ 4·24 4·23	{ 9·20 9·21	{ 13·44 13·44	.....	do	26 a.m.	H. Mercer.....	10-11
396	1030·8	{ 2·93 3·16	{ 8·85 8·65	{ 11·78 11·81	.....	do	26 p.m.	H. Mason.....	6

Concession.	Township.	No. of Cows.	Breed.	Feed.	Quantity per	Quantity per	Remarks.
					herd.	Cow.	
					Galls.	Galls.	
1	W. York...	13	Grades	Grass, meal and hay	14	1.07	Condition good; stable clean.
1	do ...	13	do	do do	13.5	1.03	
1	do ...	19	do	do	16	.84	Condition poor.
.....	do ...	9	do	do and pea meal.....	13	1.44	excellent.
1	do ...	10	do	do and chopped oats..	10	1.00	
1	E. York...	11	do	do meal and shorts...	11	1.00	
1	W. York...	5	do Jersey	do	5	1.00	
1	E. York...	5	do	do tares and oats.....	5.5	1.10	
1	do ...	6	do	do clover, hay and shorts.	7.5	1.25	
2	do ...	10	do	do	9.5	.95	Condition thin.
2	do ...	6	do	do	5	.83	do poor; does not sell his milk.
2	do ...	4	do	do	4	1.00	Does not sell his milk.
1	W. York...	15	do	Grains, 3 qts. twice a day and grass.	15.5	1.03	
1	E. York...	3	do	Bran, 1/2 gallon once a day and grass.	8	1.00	
1	do ...	20	do	Grains, 1 peck twice a day and grass.	30	1.50	
1	W. York...	4	do	Grass	2	.50	
1	E. York...	15	do	Meal, 2 qts. twice a day, grains and grass.	17	1.1	
.....	.....	9	do	Grass .....	.....	.....
2	W. York...	10	do	Grains, 1/2 bush. twice a day, green corn and grass.	14	1.4	
2	do ...	12	do	Meal, grains, tares, oats and grass.	18	1.5	
1	do ...	13	do	Grains, 1 shovel, 1/2 gallon meal twice a day and grass.	13	1.0	
1	do ...	27	do	Grains and grass.....	30	1.1	
2	E. York...	10	do	Grass, corn and oats.....	10	1.0	
3	do ...	24	do Jersey	Bran and grass.....	24	1.0	2, pure Jersey; 14, half Jersey; 8, common.
1	do ...	21	do	Meal, hay, pasture and 1 peck of grains.	23	1.1	
1	do ...	5	do	Pasture and hay..	3	.6	
1	W. York...	7	do	Grass.....	6.5	.9	

No.	Spec. Gravity.	Fat.	Solids not Fat.	Total Solids.	Remarks.	Date.	Time.	Name.	Location.
397	1031.2	{ 3.03 3.12	{ 9.26 9.14	{ 12.29 12.26	.....	July 28	p.m.	H. St. Germain.....	Lot. 7-8
398	1029.8	{ 4.50 4.44	{ 8.57 8.55	{ 13.07 13.09	.....	do 27	a.m.	G. McCormick.....	7
399	1030.1	{ 4.16 4.15	{ 8.52 8.47	{ 12.68 12.62	.....	do 27	a.m.	W. Arden.....	6
7001	1030.7	{ 3.17 3.20	{ 8.79 8.77	{ 11.96 11.97	.....	do 27	p.m.	P. Chapman.....	.....
7002	1029.5	{ 3.18 3.18	{ 8.48 8.50	{ 11.66 11.68	.....	do 27	p.m.	W. Hill.....	17
7003	1030.7	{ 3.73 3.67	{ 8.58 8.71	{ 12.31 12.38	.....	do 28	a.m.	S. Wood.....	7-8
7004	1030.8	{ 3.36 3.36	{ 8.81 8.82	{ 12.17 12.18	.....	do 28	a.m.	J. Coulter.....	7
7005	1031.6	{ 3.29 3.28	{ 8.74 8.73	{ 12.03 12.01	.....	do 28	p.m.	W. Empringham.....	16
7006	1032.1	{ 2.74 2.70	{ 8.65 8.73	{ 11.39 11.43	.....	do 28	p.m.	J. Breakey.....	15
7007	1032.5	{ 2.79 2.75	{ 8.87 8.90	{ 11.66 11.65	.....	do 28	p.m.	G. Wood.....	11

Concession.	Township.	No. of Cows.	Breed.	Feed.	Quantity per herd.	Quantity per Cow.	Remarks.
					Galls.	Galls.	
1	W. York...	10	Grades.....	Grass and hay.....	7	.7	3 of herd in farrow.
1	do ...	8	do	do			
1	E. York...	14	do	do grains, hay, green oats and tares.	10	.7	
.....	W. York...	4	do	do			
.....	do ...	16	do	do green corn and 2 galls. bran a day.	11	.7	
1	Etobicoke.	8	do	do	6	.7	
.....	W. York...	11	do	do	7	.63	
3	do ...	6	do	do and hay.....			
2	do ...	10	do	do $\frac{1}{2}$ bushel grains and green corn twice a day.	14	1.4	
1	do ...	5	do	do shorts and bran.....	22	1.5	

Collection of Samples.

The samples of milk were taken by myself and the Collector of Inland Revenue or his deputy in the following manner:—After seeing the cows milked and the milk poured from the pails into the cans in which it was to be carried to market, we took a sample from each can after thoroughly mixing its contents and mixed these samples together in a clean vessel. The same quantity of milk was taken from each can unless one of them was only partly full in which case a proportionally smaller quantity was taken from such can.

The contents of the vessel containing these samples from each can having been thoroughly mixed, two bottles were filled from it, labelled and placed in a box contained in a larger box, the space between the two boxes being filled with ice. One of these bottles was sent to the Chief Analyst at Ottawa, the other was retained for analysis, which was begun immediately on returning to the laboratory in the case of morning milk, and the first thing next morning in the case of evening milk.

Methods of Analysis.

The samples were all analyzed by the method prescribed by the Society of Public Analysts for Great Britain (Analyst, 1885, pp. 46 *et seq.*).

The specific gravity was taken by a plummet attached to the beam of an Oertling's balance.

The total solids were dried on the water bath in shallow platinum dishes to constant weight.

The milk intended to be used for the extraction of the fat was absorbed by coils of Swedish filter paper previously exhausted by light petroleum, the coils were dried for one hour in the water oven treated with light petroleum for two hours in a Soxhlet extraction apparatus, the petroleum evaporated and the fat weighed in a light flask after drying to constant weight in a water oven.

The number of cows in the herds was in all 390, omitting two cases, where the milk from the same herd was taken a second time, and the yield of milk per cow was a little less than 1.12 gallons. The maximum yield was 1.5 gallons per cow, and the minimum .60.

Results.

The samples of milk numbered 371 and 372 had turned sour before the analysis was begun, and the determination of fat by the Adam's method was in their case worthless; neglecting these two samples the results of the remaining thirty-five samples may be expressed as follows:

	Total Solid.	Fat.	Solids not Fat.
Maximum	13 48	4.87	9.26
Mean.....	12.27	3.56	8.71
Minimum.....	10.77	2.70	8.00

My results agree closely with the analyses of the same milk made in the Chief Analysts Laboratory by the Asbestos' method, and published in Bulletin No. 1. These are:

	Total Solids.	Fat.	Solids not Fat.
Maximum	13.47	4.50	9.28
Mean.....	12.08	3.38	8.70
Minimum.....	10.68	2.52	8.17

It will be seen that while the solids and fat obtained by the method of the Society of Public Analysts are both a little higher than those arrived at by the Asbestos process, the solids not fat are practically identical. Since it is upon the percentage of solids not fat, that an opinion as to the genuineness of a sample milk has to be based, this agreement is highly satisfactory.

The conclusion is inevitable from these analyses, that the limits fixed by the Society of Public Analysts, below which no milk is to be passed as genuine, are too high. That is, we cannot say that a milk which contains less than 8.5 per cent. of solids not fat has been watered, for by this standard Nos. 380, 384, 385, 388 and 392, or five samples out of thirty-seven, that is 13.5 per cent. of the milks analyzed, would be condemned as adulterated. Similarly neglecting No. 371, which was sour, we find that Nos. 388, 389, 392, 7006 and 7007, or five samples out of 37 or 13.5 per cent., fall below the limit of 3 per cent. of fat, and would by that standard be condemned. It is interesting, however, to observe that only three samples fall below the limit of 11.5 per cent. of total solids, and of these two, Nos. 384 and 7006, are so little below that they would probably be passed. One sample, No. 388, falls much below the standard giving the following remarkable analysis :

Solids.....	10.78
Fat.....	2.78
	8.00
Solids not Fat.....	8.00

This sample was taken on the evening of July 21st. The day was excessively hot and the men upon the farm were engaged in the harvest field until very late, so that the cows had to wait much beyond their usual time before being milked. Whether this had anything to do with the low yield I cannot say. On the evening of the 28th I took another sample from the same herd with the following result :—

Solids.....	11.41
Fat.....	2.72
	8.69
Solids not Fat.....	8.69

In this sample while both the total solids and the fat are below their respective limits, the solids not fat are almost up to the general average of 8.7 per cent. and are well above the limit of 8.5 per cent.

If this batch of 37 samples of genuine milk had been sent to a member of the Society of Public Analysts, analyzed by the methods and judged by the limits of the Society, 8 samples or 21.6 per cent., that is, more than one sample in every five would have been reported as either skimmed or watered.

It follows from the foregoing that a dealer might take 100 gallons of milk of average quality and add to it 10 gallons of water, and yet it would not be possible from the analysis to say positively that it was not genuine. Under these circumstances it would appear to me highly desirable, both in the interests of the public and of the dealer that some regulation such as that suggested in the bulletin of the Chief Analyst should be adopted, which would require the milk sold to be of "good standard quality."

Until such a regulation is passed I do not see how analysts who adopt an efficient, modern method for the extraction of the fat, can assert that a milk has been adulterated by admixture with water if the solids not fat are higher than 8 per cent. or that it has been skimmed if the fat is more than 2.5 per cent.

I have the honour to be, Sir,
Your obedient servant,

W. H. ELLIS.

To the Commissioner of Inland Revenue.

DISTRICT OF MANITOBA.

PARTIAL REPORT ON WATERS.

Samples from Portage la Prairie.

WINNIPEG June, 1888.

5788.

For all operations and tests of sample, portion used was filtered.

Only a very minute deposit occurred in sample, which was of a grey earthy color. Sample remained bright and clear.

A darkening took place on incineration after incineration the residue or ash was of a silvery-grey; under the microscope the collected sediment proved to be inorganic matter of a clay nature.

This well is so situated that perfect drainage undoubtedly occurs, being on the slope of a hill and above the river by about 75 feet; the immediate soil is sandy gravel.

I consider this a pure water, very free from organic matter.

1789.

For all the operations and tests portion used was filtered. A considerable deposit took place of a dark brown flocculent appearance, which, under the microscope, had a yellowish tinge and of a fungaia nature, no definite organization being perceived.

The solids darkened on incineration, the ash being greyish white.

This well is situated on a hill and is above the level of the river level by about 150 feet. The soil is large gravel, with exception of the first two feet of top soil, which is a black sandy loam. This well is about 25 feet deep. From the situation and surroundings, I would consider that good natural drainage exists.

I consider this water a pure sample, and safely free from organic matter.

5790.

Sample clear and bright, containing very slight sediment of a dark brown color under the microscope. This deposit was found to be devoid of regular structure. Solids on incineration darkened, leaving a whitish grey ash.

This well is situated so that good drainage should occur like the other well reported upon, it is on a slope and above the river level. The soil is sandy from within two feet of the surface to the bottom of the well, which is thirty feet deep.

This water I consider organically safe.

5791.

This sample was clear although a heavy preceipitate was contained. An offensive odor was emitted when first taken from bottle containing sample; this was removed after being exposed to the atmosphere for a short time. This sediment under the microscope was found to contain vegetable tissue, and vegetable-like matter without the regular structure, as well as some animal life, this animal life being of two distinct forms only, and not numerous. Some starchy matter was also shown to be present.

This sample gave results in free and albuminoid ammonia so close to results obtained in the other three samples from this locality as to make it difficult to consider this water different to the others, but as all the samples have been subjected to the same temperature and conditions, and this only contained living organisms, I cannot consider it as free from organic matter as the other samples. The amount of albuminoid ammonia is greatest over that received as free in same sample.

This well is situated in the rear of the most important commercial hotel in the town, the well being some feet below the level of the buildings and inclining towards the river. Depth about twenty feet, soil sandy.

This well has been abandoned for some time for domestic purposes on account of its great hardness; is occasionally used for watering cattle on.

J. EDWARD WRIGHT, Junior.

APPENDIX B.

MEMORANDUM showing the Number of Samples the Inspectors were authorized to submit to the Public Analyst of the various Districts, for the Year ending 30th June, 1888.

Inspector.	District.	Butter.	Cheese.	Cream of Tartar.	Coffee.	Drugs.	Liquors.	Milk.	Spices.	Vinegar.	Water.	Total Cost.	
												\$	cts.
J. C. Ferguson.	Nova Scotia	12	20	5	16	.....	37	17	32	50	25	1,593	00
do	New Brunswick.	10	15	5	10	....	20	18	25	40	20	1,190	00
J. J. Costigan...	Quebec	43	8	5	10	....	25	18	25	...	20	1,238	00
do ...	Montreal.	22	34	5	15	....	31	18	32	.....	25	1,482	00
Thos. Webster...	Kingston.	9	8	6	10	25	25	18	25	.....	25	1,224	00
do ...	Toronto.....	14	8	5	15	32	47	18	32	.....	25	1,594	00
do ...	London.....	6	10	.....	.....	.....	.....	.....	.....	.....	.....	128	00
do ...	Manitoba .....	.....	.....	5	10	....	25	.....	25	.....	20	740	00
	Total.	116	103	36	86	57	210	107	196	90	160	9,189	00

APPENDIX C—INSPECTION OF FOOD AND

BUT

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.	RESULTS OF	
							Water.	Salt.
							p. c.	p. c.
1888.								
June 16	M. Bowman.....	Nova Scotia...	128	E Lowther	Amherst.....	7151	7-22	3-24
do 18	do	do	129	Rent & Mosher	do	7152	11-53	10-40
do 16	do	do	130	T. & W. Snook	Truro	7156	8-10	7-62
do 16	do	do	131	Black & Co.....	do	7157	7-83	4-85
do 18	do	do	132	O. & W. Anderson	Halifax.....	7161	10-80	1-15
do 18	do	do	133	Ed Donohue	do	7162	8-80	2-50
do 18	do	do	134	Burgess & Wood	Windor.....	7169	7-93	7-70
do 18	do	do	135	Curry & Shaw.....	do	7170	6-88	9-62
do 16	do	do	136	Wm. Malcolm.....	Annapolis...	7178	7-90	11-00
do 16	do	do	137	Pickles & Mills	do	7180	12-30	8-53
do 16	do	do	138	Lynch Bros.....	Digby.....	7174	8-81	12-68
do 19	do	do	139	Iurnbull & Welsh.....	do	7175	7-27	3-25
May 30	W. F. Best	N. Brunswick	484	A. McMullen.....	St. John.....	7187	6-59	3-59
do 30	do	do	485	P. McCarthy.....	do	7188	10-20	8-40
do 30	do	do	488	H. C. Hill.....	St. Stephen..	7-92	4-70	6-10
do 30	do	do	489	H. & P. McKenna	do	7193	7-45	5-20
do 30	do	do	492	T. Williamson.....	St. Andrews..	7196	7-80	4-00
do 30	do	do	495	Frank Mowatt.....	do	7199	8-30	6-25
do 30	do	do	496	G. T. Whipple	Frederict'n ..	5905	9-20	3-50
do 30	do	do	497	W. R. Logan.....	do	5906	8-50	4-50
do 30	do	do	501	H. N. Payson.....	Woodstock ..	5910	7-00	5-00
do 30	do	do	502	John Graham.....	do	5911	8-50	3-75
do 21	M. Fiset.....	Quebec.....	974	F. Lalulippe	Quebec.....	7304	9-60	3-28
do 21	do	do	975	N. Pouliot	do	7305	13-70	3-00
do 26	do	do	977	N. Fournier	St. Thomas..	7307	9-05	3-70
do 26	do	do	978	U. Bernatchey	do	7308	7-05	3-80
do 26	do	do	979	J. Lavitt.....	St. Charles..	7309	11-48	5-00
do 26	do	do	980	F. Momette.....	do	7310	10-85	2-70
do 26	do	do	981	J. Morissette.....	do	7311	8-20	5-75
do 26	do	do	982	Dery & Demers.....	do	7312	10-70	3-55
do 26	do	do	934	Joseph Gerard	do	7314	8-20	2-50
do 26	do	do	985	Joseph Nadeau	do	7315	15-80	2-90
do 26	do	do	987	John Sutcliffe	Lévis.....	7317	7-80	5-60
do 28	do	do	988	do	do	7318	9-20	18-20
do 26	do	do	990	Philip Lemeaux	do	7320	8-40	4-20
do 26	do	do	991	Louis Bourget	do	7321	11-20	4-20
do 26	do	do	993	P. Ouellett	St. Mary's...	7323	10-70	3-80
do 26	do	do	994	Alphonse Blouin	do	7324	10-70	5-40
do 26	do	do	995	Israel Lebonne	do	7325	12-00	5-30
do 26	do	do	996	Pierre Vieux	do	7326	10-40	2-20
June 20	do	do	997	W. L. Duhame	St. Paschal..	7325	11-00	3-50
do 20	do	do	998	J. Chasse.....	St. Philippe..	7336	9-40	4-90
do 20	do	do	999	A. Dionne.....	St. Dennis..	7337	10-40	4-20
do 20	do	do	1000	J. Pelletier.....	Riv. Quelle..	7338	9-00	3-70
do 20	do	do	801	F. Gendron.....	St. Ann's deL	7339	8-40	4-40
do 20	do	do	802	Léon Leclerc	do	7340	6-70	3-10
do 20	do	do	803	H. Hebert.....	St. Thomas..	7341	10-80	4-00
do 20	do	do	804	N. Bernatchez	do	7312	12-20	3-80
do 21	do	do	805	M. Leloir.....	do	7343	7-40	4-50
do 21	do	do	806	Jacques Colin	St. Pierre ..	7344	10-80	4-40
do 21	do	do	807	G. Lebowmeau	do	7345	13-20	5-10
do 21	do	do	808	P. Hout.....	Quebec.....	7346	8-80	2-90
do 22	do	do	809	D. Falardeau	do	7347	10-00	3-44
do 22	do	do	810	G. N. Pelletier	do	7348	8-50	2-76
do 22	do	do	811	J. L. Herault.....	do	7349	8-70	3-80
do 22	do	do	812	Arthur Drolet	do	7350	7-60	4-30

DRUGS—Tabulated Statement, &c.—Continued.

T E R.

ANALYSIS.		Specific Gravity of Fat at 100	Melting Point.	Microscopical Examination.	Observations and Remarks.
Curd.	Fat.				
p. c.	p. c.	p. c.	p. c.		
.59	88 95	.913	.....	.....	Unadulterated.
.62	77 45	.911	.....	.....	Adulterated according to Act by excess of salt.
.55	83 73	.912	.....	.....	Unadulterated.
1.90	85 42	.912	.....	.....	do
1.17	86 88	.912	.....	.....	Adulterated, being mouldy and unfit for food.
1.80	86 90	.911	.....	.....	Unadulterated.
.70	82 67	.910	.....	.....	do
.80	82 70	.913	.....	.....	Adulterated according to Act by excess of salt.
1.80	79 60	.912	.....	.....	do
.76	78 42	.911	.....	.....	do
1.05	77 46	.913	.....	.....	do
.83	88 65	.912	.....	.....	do
1.30	88 70	.915	93	Normal.	Unadulterated.
2 80	78 60	.910	95	.....	do
5 90	83 30	.505	84	.....	Adulterated with water and salt.
4 65	82 70	.906	90	.....	do
2 40	85 80	.901	95	.....	do
1 00	84 83	.912	95	.....	do
1 90	85 40	.912	95	.....	do
2 75	84 25	.910	95	.....	do
2 30	85 70	.910	95	.....	do
1 25	86 50	.912	95	.....	do
.52	86 60	.912	32	.....	Genuine, but a little too much water.
.75	82 5	.912	34	.....	Adulterated with water.
.60	86 63	.911	33	.....	Genuine.
.85	88 30	.912	32	.....	Good.
1 35	82 7	.911	33	.....	Genuine, but too much water.
1 05	85 40	.910	32	.....	do
1 10	81 95	.912	33	.....	do
.95	84 50	.914	34	.....	do
.70	88 60	.91	32	.....	Genuine, but too much water.
.70	80 60	.9	31	.....	do
.60	86 80	.912	32	.....	do
.40	72 20	.910	31	.....	Adulterated with too much salt and water, which are in excess; poor quality.
.80	86 60	.913	32	.....	Good.
.80	83 80	.912	33	.....	do
.60	84 9J	.912	32	.....	do
.70	83 20	.912	32	.....	Genuine; too much salt.
.70	82 00	.913	33	.....	do
1 40	86 00	.911	33	.....	do
1 50	84 00	.912	34	.....	do
1 70	84 00	.910	32	.....	do
1 40	84 00	.911	31	.....	do
1 60	85 70	.912	32	.....	do
2 20	85 00	.913	33	.....	do
1 40	83 00	.911	31	.....	do
.80	84 00	.910	32	.....	do
2 40	81 60	.911	32	.....	do
.80	87 00	.913	34	.....	do
.70	84 10	.911	33	.....	do
.80	80 80	.910	33	.....	Genuine; too much water.
.60	89 70	.913	34	.....	Good.
.66	85 80	.912	34	.....	Genuine.
.64	88 10	.911	32	.....	do
.60	86 80	.909	31	.....	do
.80	87 80	.912	33	.....	do
					Good.

APPENDIX C.—INSPECTION OF FOOD AND
BUTTER—

Date.	Name of Analyst.	District.	No. of Analyst's Report	Vendor.	Residence.	No. of Sample.	RESULT OF	
							Water.	Salt.
							p. c.	p. c.
1888.								
June 29	M. Fiset.....	Quebec.....	813	T. Lagomère.....	St. Anne.....	7351	10.20	9.60
do 29	do	do	814	J. H. Laganière.....	St. Anne.....	7352	11.60	5.60
do 29	do	do	815	N. Germain	do	7353	6.50	3.80
do 29	do	do	816	J. H. Laganière.....	do	7354	9.80	3.60
do 29	do	do	817	J. B. Demas	St. Cassine.....	7355	7.80	3.40
do 29	do	do	818	John Tessier	do	7356	10.00	3.40
do 29	do	do	819	Labisson. Lanouette..	Batiscan	7357	10.90	3.70
do 29	do	do	820	L. Lahaye	do	7358	7.60	4.40
do 29	do	do	821	M. Marquis	do	7359	9.40	3.50
Mar. 13	J. B. Edwards...	Montreal	1329	Joseph Brosseau.....	Montreal	7279	3.00	6.90
do 13	do	do	1330	M. Valier.....	do	7280	3.60	7.80
June 20	do	do	1373	Albert Garth.....	St. Theresa....	7327	9.	1.2
do 20	do	do	1374	do	do	7328	12.7	12.0
do 20	do	do	1375	Alex. Miller.....	do	7329	16.00	1.33
do 20	do	do	1376	G. D. Leclair	do	7330	5.6	2.
do 20	do	do	1377	E. Brunette.....	St. Eustache...	7331	10.2	2.8
do 20	do	do	1378	G. Paiement	do	7332	12.1	4.0
do 20	do	do	1379	G. B. Berthiau	River Gagnon	7333	14.0	2.0
do 20	do	do	1380	St. Theresa Seminary	St. Theresa....	7334	10.00	3.33
do 28	W. H. Ellis.....	Toronto	2537	John Sloan.....	Galt	7901	8.48	2.22
do 28	do	do	2538	Ed. Morrith	do	7903	12.88	1.94
do 28	do	do	2539	W. P. Clay.....	do	7905	10.83	2.35
do 28	do	do	2540	J. Sloan	do	7906	11.62	4.27
do 28	do	do	2541	Jackson & Hallett...	do	7908	9.61	2.19
do 28	do	do	2542	Robt. Mitchell	do	7909	10.33	1.59
do 28	do	do	2553	Farmers Dairy Co....	Hamilton.....	7910	10.1	1.1
do 28	do	do	2554	W. J. O'Brien.....	do	7911	14.6	3.9
do 28	do	do	2555	do	do	7912	6.6	2.3
do 28	do	do	2556	do	do	7913	14.1	2.5
do 28	do	do	2557	V. E. Fuller.....	do	7914	14.1	1.0
do 28	do	do	2558	J. Osburne & Son....	do	7915	13.3	5.1
do 28	do	do	2559	Park & Son.....	do	7925	9.4	6.1
do 28	do	do	2560	do	do	7926	9.0	2.6

DRUGS—Tabulated Statement, &c.—Continued.

Concluded.

ANALYSIS.		Specific Gravity of Fat at 100.	Melting Point.	Microscopical Examination.	Observations and Remarks.
Curd.	Fat.				
p. c.	p. c.	p. c.	p. c.		
3.50	76.70	.911	32.	.....	Genuine; too much salt and caseine.
.80	82.	.912	32.	.....	Genuine.
.70	89.	.913	33.	.....	Good.
.40	86.2	.911	32.	.....	Genuine.
.80	88.00	.912	33.	.....	Good.
1.20	85.40	.911	32.	.....	Genuine.
.80	84.60	.910	32.	.....	do
1.30	86.70	.913	33.	.....	Good.
1.00	86.10	.912	33.	.....	do
1.20	83.90	.....	99.	Crystals other than butter.....	Adulterated under Act, as containing foreign fat substance of inferior nature and value to the extent of 20 per cent
1.30	87.30	.....	.....	do do ...	Adulterated under Act, by addition of foreign fats of inferior nature and value to the extent of about 20 per cent.
Trace.	89.8	.910	92.	Nothing abnormal...	Genuine.
"	75.3	.910	91.5	do ...	do with excess of salt moisture.
"	82.67	.912	92.	.....	do but with large excess of water.
"	92.40	.910	92.	Nothing abnormal...	do good standard butter.
"	87.2	.910	92.	do ...	do slight excess of water.
"	83.9	.910	92.	do ...	do water in excess.
"	84.0	.910	92.	do ...	do but containing a large excess of moisture.
"	86.67	.910	92.	do ...	do
3.30	88.00	.....	.....	No foreign fat.....	do
1.42	83.76	.....	.....	do	do
1.96	84.86	.....	.....	do	do
3.14	80.97	.....	.....	do	do
88.20	.....	.....	.....	do	do
88.08	.....	.....	.....	do	do
1.5	87.3	.....	.....	do	do
1.7	79.8	.....	.....	do	do
1.3	89.8	.....	.....	do	do
1.6	81.8	.....	.....	do	do
1.0	83.9	.....	.....	do	do
1.4	80.2	.....	.....	do	do
1.5	83.0	.....	.....	do	do
.9	87.5	.....	.....	do	do

APPENDIX C—INSPECTION OF FOOD AND

CHEESE

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1888.						
June 30...	M. Bowman.....	Nova Scotia...	140	McKinnon & Co.....	Amherst.....	7153
do 30...	do	do	141	B. W. Robinson.....	do	7154
do 30...	do	do	142	J. F. Layton.....	do	7155
do 30...	do	do	143	G. J. McLeod.....	Truro.....	7158
do 30...	do	do	144	McKay & Ross.....	do	7159
do 30...	do	do	145	Daniel Gunn.....	do	7160
do 30...	do	do	146	J. D. Stewart.....	Halifax.....	7163
do 30...	do	do	147	H. V. Weir.....	do	7164
do 30...	do	do	148	C. Graham & Co	do	7165
do 30...	do	do	149	J. Creighton.....	Richmond.....	7166
do 30...	do	do	150	S. Snedley.....	do	7167
do 30...	do	do	151	Robt. Wright.....	do	7168
do 30...	do	do	152	E. C. Shaw.....	Windsor.....	7171
do 30...	do	do	153	J. P. Smith.....	do	7172
do 30...	do	do	154	F. R. Smith.....	do	7173
do 30...	do	do	155	Guplik & Young.....	Digby.....	7176
do 30...	do	do	156	W. J. Turnbull.....	do	7177
do 30...	do	do	157	Wm Malcolm.....	Annapolis.....	7179
do 30...	do	do	158	W. E. Jefferson.....	do	7181
May 30...	W. F. Best.....	N. Brunswick.	480	A. C. Wilson.....	St. John.....	7183
do 30...	do	do	481	H. C. Normansell....	do	7184
do 30...	do	do	482	John McCann.....	do	7185
do 30...	do	do	483	J. E. Cowan.....	do	7186
do 30...	do	do	486	Samuel Tufts.....	do	7189
do 30...	do	do	487	G. Robertson.....	do	7190
do 30...	do	do	490	Marchis Bros.....	St. Stephen....	7194
do 30...	do	do	491	Inches & Rimmer....	do	7195
do 30...	do	do	493	Thos. Williamson....	St. Andrews....	7197
do 30...	do	do	494	F. S. DeWolfe.....	do	7199
do 30...	do	do	498	J. Owens.....	Fredericton....	5907
do 30...	do	do	499	S. L. Morrison.....	do	5908
do 30...	do	do	500	P. Sweeney.....	do	5909
do 30...	do	do	503	G. W. Slepp.....	Woodstock....	5912
do 30...	do	do	504	J. C. Cote & Son....	do	5913
do 21...	M. Fiset.....	Quebec.....	971	Saucey & Bedard....	Quebec.....	7301
do 21...	do	do	972	J. Turcott.....	do	7302
do 21...	do	do	973	Paquet & Potvin....	do	7303
do 21...	do	do	976	Berube & Chouinard	do	7306
do 21...	do	do	983	E. Bedard.....	Lévis.....	7313
do 21...	do	do	989	John Sutcliffe.....	do	7316

DRUGS—Tabulated Statement, &c.—Continued.

RESULTS OF ANALYSIS.					Microscopical Examination.	Observations and Remarks.
Moisture.	Fat.	Caseine.	Ash.			
			Soluble.	In-soluble.		
p. c.	p. c.	p. c.	p. c.	p. c.		
23-49	28-93	.....	3 64	.....	.....	Unadulterated.
24-43	36-31	.....	4-35	.....	.....	do
27-44	29-46	.....	3-61	.....	.....	do
22-59	36-53	.....	4-36	.....	.....	do
21-97	34-40	.....	4-66	.....	.....	do
26-26	33-29	.....	4-12	.....	.....	Adulterated with foreign fat.
17-77	37-88	.....	4-06	.....	.....	Unadulterated.
25-91	34-52	.....	5-23	.....	.....	do
22-82	31-08	.....	4-97	.....	.....	Adulterated with foreign fat.
21-12	34-50	.....	5-46	.....	.....	Unadulterated.
22-91	31-91	.....	5-28	.....	.....	do
20-82	37-47	.....	4-45	.....	.....	Adulterated with foreign fat.
23-77	34-12	.....	4-06	.....	.....	Unadulterated.
21-98	33-33	.....	4-06	.....	.....	do
22-74	36-72	.....	4-16	.....	.....	do
21-27	34-04	.....	4-53	.....	.....	do
23-68	32-63	.....	4-51	.....	.....	do
24-24	31-83	.....	4-24	.....	.....	do
21-82	29-79	.....	5-02	.....	.....	do
21-95	36-40	41-65	.....	5-10	Red, green and blue fungus on exterior and in the interior of the cheese.	No farinaceous matter present; not adulterated.
24-45	30-25	45-30	.....	4-75	Fungus growth on outside and in the interior, chiefly aspergillus glaucus.	No farinaceous matter present; not adulterated.
28-50	29-25	42-25	.....	4-25	Abundant growth of fungus penetrating all parts of the cheese.	Not adulterated with foreign matter nor foreign fat, but poorly made.
25-40	29-20	35-40	.....	3-25	Large quantity of white, red and green mould; texture of the cheese soft and moist.	Unadulterated, but of bad keeping quality and poor flavour; no farinaceous admixture.
23-15	38-20	38-65	.....	3-50	.....	Not adulterated.
22-75	35-35	40-90	.....	4-20	.....	do
26-75	29-50	33-75	.....	1-85	.....	Not adulterated, but contains too much water and is a poor keeping quality.
20-10	29-85	40-25	.....	2-45	.....	Not adulterated.
26-20	29-60	34-20	.....	2-10	.....	do
24-75	20-00	49-25	.....	1-90	.....	do
29-20	26-50	39-50	.....	1-70	.....	do
26-40	31-45	40-15	.....	1-95	.....	do
22-70	25-50	42-80	.....	1-80	.....	do
26-50	25-50	46-00	.....	2-75	.....	do
22-75	38-25	38-00	.....	3-20	.....	do
23-30	36-20	27-10	.....	3-40	No farinaceous admixture.	Good.
21-70	35-50	29-54	.....	3-26	do	do
26-95	28-10	28-95	.....	4-00	do	do
26-20	33-80	26-90	.....	3-10	do	do
29-00	32-00	36-20	.....	2-80	do	do
21-60	38-60	26-40	.....	3-40	do	do

APPENDIX C—INSPECTION OF FOOD AND

CHEESE—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1888.						
May 21...	M. Fiset.....	Quebec.....	989	L. H. Begin.....	Lévis.....	7319
do 21...	do	do	992	M. Ladreire.....	Bienville.....	7322
do 3...	J. B. Edwards.....	Montreal.....	1349	M. L. Hislop.....	St. Johns.....	7281
do 3...	do	do	1350	F. X. Dulande.....	do	7282
do 3...	do	do	1351	Payne & Bradford....	Granby.....	7283
do 3...	do	do	1352	Joseph Bouin.....	do	7284
do 19...	do	do	1353	E. A. Pinchard.....	Montreal.....	7285
do 19...	do	do	1354	P. G. Callahan.....	do	7286
do 19...	do	do	1355	Wm. McGowan.....	do	7287
do 19...	do	do	1356	J. D. Allan & Co....	do	7288
do 21...	do	do	1357	P. Desormiers.....	do	7289
do 21...	do	do	1358	Joseph Dagenais.....	do	7290
do 21...	do	do	1359	Vanier Bros.....	do	7291
do 22...	do	do	1360	Thos. Gauthier.....	do	7292
June 1...	do	do	1361	Boright & Soule.....	Cowansville...	001
do 1...	do	do	1362	Wood & Bodin.....	do	002
do 1...	do	do	1363	A. J. Lawrence.....	Stanstead.....	003
do 4...	do	do	1364	H. A. Obannell.....	do	004
do 4...	do	do	1365	R. & J. Kerr.....	Sherbrooke....	005
do 4...	do	do	1366	McDonald Bros.....	do	006
do 8...	do	do	1367	R. F. McKee.....	Richmond.....	007
do 8...	do	do	1368	Hudon Caron.....	do	008
do 8...	do	do	1369	O. Broders.....	St. Hyacinthe.	009
do 8...	do	do	1370	Paynille Bros.....	do	0010
do 8...	do	do	1371	do	do	0011
do 8...	do	do	1372	M. Hodge.....	Montreal.....	0012

DRUGS—Tabulated Statement, &c.—Continued.

Continued.

RESULTS OF ANALYSIS.					Microscopical Examination.	Observations and Remarks.
Moisture.	Fat.	Caseine.	Ash.			
			Soluble	In-soluble.		
p. c.	p. c.	p. c.	p. c.	p. c.		
24.60	48.40	23.40		3.60		Good.
22.20	50.40	23.80		3.60		do
20.00	34.80	41.42	2.78	1.2	No insect life or starch.	Unadulterated; somewhat rank in flavor with excess of lactic acid.
20.00	35.00	40.94	2.82	1.24	Well developed blue and white mould; aspergillus; glaucum; no mites.	A good cheese; unadulterated.
10.60	26.60	47.98	2.82	2.	No decomposition or starch.	A poor and sour cheese, but unadulterated.
12.00	25.00	57.58	3.80	1.62	No mites; blue and red mould, &c., growing freely	Unadulterated; not a rich cheese, but good for immediate consumption.
14.04	24.80	50.74	8.18	2.24	Covered with blue and white mould in active growth.	Unadulterated.
17.64	24.60	52.54	3.02	2.20	Blue, white and yellow mould in active growth and great abundance.	Not adulterated.
10.66	35.60	49.72	1.8	2.22	Large growth of mould chiefly penicillium and aspergillus.	Unadulterated, but salt insufficient for preservation and will not keep good.
17.6	26.40	51.58	2.24	2.18	Very mouldy.....	Unadulterated, but badly cured, salt insufficient for preservation.
22.04	31.60	42.64	2.20	1.52	do	Not adulterated, but insufficient salt for preservation.
18.06	34.00	45.08	1.16	1.72	Active growth of blue and white mould.	Not adulterated, but of bad keeping, quantity being deficient in salt.
16.14	29.60	50.92	.9	2.44	Highly fungoid, full growth of mould covering surface.	Not adulterated, but badly cured.
11.63	32.46	52.76	.44	2.78	Very mouldy	Not adulterated, but badly cured, and unwholesome food, deficient in salt.
16.26	39.10	42.97	1.24	2.10	Soon becomes mouldy	Unadulterated; insufficient salt, but a rich cheese.
27.82	25.28	42.82	2.38	1.70	Free from parasites, mites and fungi.	Unadulterated.
20.14	26.26	49.32	2.50	1.78	Prone to mould.	do
13.84	36.16	46.38	1.90	1.72	Free from fungi.	do and a rich cheese.
24.84	35.16	36.52	1.48	2.00	Nothing extraneous.	do do
16.42	36.8	43.98			do abnormal.	do do
19.66	45.34	33.13	1.62	2.12	Soon becomes mouldy owing to excess of water and lack of salt.	do but a rich cheese.
12.94	33.6	50.38	1.70	1.92	Soon becomes mouldy	Unadulterated.
15.24	36.76	42.46	1.52	2.02	Nothing abnormal ...	do and rich cheese.
21.34	23.30	52.54	.82	2.00	.....	Poor cheese; very soon hard and mouldy from excess of water and deficiency of butter. Unadulterated
12.00	39.90	45.04	1.06	2.00	Nothing abnormal ...	Unadulterated; very rich, and of good quality.
18.26	30.26	49.26	.92	1.30	do	Unadulterated, and a rich cheese.

APPENDIX C—INSPECTION OF FOOD AND

CHEESE—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1888.						
June 28...	W. H. Ellis.	Toronto	2544	Edwin Morrish.....	Galt.....	7902
do 28...	do	do	2545	W. P. Olay	do	7904
do 28...	do	do	2546	Jackson & Hallett...	Guelph	7907
do 28...	do	do	2562	G. H. Peebles.....	Hamilton.....	7916
do 28...	do	do	2563	W. McCushee.....	do	7917
do 28...	do	do	2564	Swan Bros.	Toronto	7924
do 28...	do	do	2565	J. Richardson.....	do	7931

DRUGS—Tabulated Statement, &c.—Continued.

Concluded.

RESULTS OF ANALYSIS.					Microscopical Examination.	Observations and Remarks.
Moisture.	Fat.	Caseine.	Ash.			
			Soluble.	In-soluble.		
p. c.	p. c.	p. c.	p. c.	p. c.		
27.75	26.50	40.65	5.10		.....	Genuine.
23.77	25.26	46.35	4.62		.....	do
24.05	31.25	40.90	3.80		.....	do
14.7	42.10	38.5	4.7		.....	do
18.7	39.0	37.8	4.5		.....	do
18.0	37.2	40.1	4.7		.....	do
21.3	36.7	37.7	4.3		.....	do

APPENDIX C—INSPECTION OF FOOD AND MILK.

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1887.						
Oct. 1...	Maynard Bowman....	Nova Scotia.....	16	Thomas Whalen.....	Halifax.....	5376
do 1...	do	do	17	William Debay.....	do	5377
do 1...	do	do	18	John McInnis.....	do	5378
do 1...	do	do	19	Ann Regan.....	do	5379
do 1...	do	do	20	Mrs. Eliza Neville....	do	5380
do 1...	do	do	21	Mrs. Mary Burns.....	do	5381
do 1...	do	do	22	Mary Tobin.....	do	5382
do 1...	do	do	23	M. J. Wahar.....	do	5383
do 1...	do	do	24	William Forsythe....	do	5384
do 1...	do	do	25	Thomas Sullivan....	do	5385
do 1...	do	do	26	Patrick Shea.....	do	5386
do 1...	do	do	27	Charles Craig.....	do	5387
do 4...	do	do	28	N. K. Dickson.....	do	3322
do 4...	do	do	29	William McGregor....	do	3323
do 4...	do	do	30	John Simpson.....	do	3324
do 4...	do	do	31	Thomas Currie.....	do	3325
do 4...	do	do	32	G. W. Campbell.....	do	3326
do 4...	do	do	33	Mrs. D. Mitchell.....	do	3327
July 10...	W. F. Best.....	New Brunswick..	403	Thomas Davidson....	St. John.....	6140
do 10...	do	do	404	Andrew Aiton.....	Sussex.....	6141
do 10...	do	do	405	William Morrison....	St. John.....	6142
do 11...	do	do	406	Lawrence Donovan..	Simonds.....	6143
do 11...	do	do	407	James Mullen.....	do	6144
Aug. 3...	do	do	408	Jeremiah Donovan..	do	6145
do 3...	do	do	409	John Drummond....	do	6146
do 22...	do	do	410	Robert Hastings....	do	6162
do 22...	do	do	411	Andrew Gibson....	do	6163
do 24...	do	do	412	Joseph Stephenson..	do	6164
do 31...	do	do	413	Joseph Daizell.....	do	6165
do 31...	do	do	414	George McAfee.....	do	6166
Sept. 1...	do	do	415	Daniel Desmond.....	do	6167
do 1...	do	do	416	Thomas L. Higgins..	do	6168
do 5...	do	do	417	Mrs. Margaret Leck..	Portland.....	6169
do 5...	do	do	418	Daniel Peacock.....	do	6170
do 19...	do	do	419	Jas W. Anderson....	St. John.....	6171
do 19...	do	do	420	J. D. McAvity.....	do	6172
do 19...	do	do	421	P. J. McEvoy.....	do	6173
do 20...	do	do	422	Mrs J. E. McCormick	do	6174
do 20...	do	do	423	Robert Ritchie.....	do	6175
do 20...	do	do	424	John Doody.....	do	6176
do 22...	do	do	425	Miss Mary Collins..	do	6177
Aug. 25...	M. Fiset.....	Quebec.....	4002	Francis Gilbert.....	Quebec.....	6506
do 25...	do	do	4003	Mad. J. Genest....	do	6507
do 25...	do	do	4004	Irel Gway.....	do	6508
do 25...	do	do	4005	Jean Pezinas.....	Lévis.....	6509
do 25...	do	do	4006	Joseph Begin.....	do	6510
do 27...	do	do	4016	Elisée Parent.....	St. Sauveur....	6511
do 27...	do	do	4017	Euclyse Lebel.....	St. Ambroise..	6512
do 27...	do	do	4018	Jacques Pepin.....	do	6513
do 27...	do	do	4019	Joseph Payeau....	do	6514
do 27...	do	do	4020	Elzéar Parent.....	St. Sauveur....	6515
do 31...	do	do	4021	J. B. Demers.....	Quebec.....	6516
do 31...	do	do	4022	Chrysostome Carisse	St. Roch.....	6517
do 31...	do	do	4323	Francis Laforme....	St Sauveur....	6518
do 31...	do	do	4024	Marcel Poiré.....	Lévis.....	6519
Sept. 1...	do	do	4025	John Beamont.....	Quebec.....	6520

DRUGS—Tabulated Statement, &c.—Continued.

RESULT OF ANALYSIS.							Observations and Remarks.
Butter Fat	Total Solids.	Water.	Specific Gravity at 60° F.	Solids not Fat.	Ash.		
p. c.	p. c.	p. c.	o	p. c.	p. c.		
2 85	11·60	88·40	1033·5	8·75	·85	Adulterated by removal of butter.	
2·7	11·87	88·13	1033 7	9·16	0 87	do do	
3·90	12·37	87·63	1031·1	8·47	0·79	Not adulterated.	
3·31	9 41	90·59	1022·6	6·10	0 60	Adulterated by the addition of a large amount of water.	
3·86	11 38	88·62	1027·4	7 42	0 70	do do do	
3 78	12·06	87 94	1031·1	8·28	0·76	Not adulterated.	
4 23	12·43	87·57	1028·5	8·20	0·71	do	
4·09	11·52	88·48	1025·1	7·43	0·66	Adulterated by the addition of water.	
4·26	13·42	86·58	1031·8	9·16	0·83	Not adulterated.	
2·97	11·55	88·44	1030·9	8·59	0·76	Adulterated by the removal of butter fat.	
3·55	11·98	88·02	1029·9	8 43	0·75	Not adulterated.	
2·5-	11·75	88·25	1032·8	9·17	0·72	Adulterated by the removal of butter fat.	
3·59	12·76	87·24	1031·2	8·87	0·71	Not adulterated.	
4·73	13·74	86·26	1031·2	9·01	0·71	do	
6·10	14·56	85·44	1027·8	8·46	0·73	do very rich in butter fat.	
3·66	12·67	87·33	1032·1	9·01	0·67	do	
3·57	12·56	87 44	1031·7	8·99	0 70	do	
3·45	12·67	87·33	1032·7	9·23	0·72	do but low in butter fat.	
3·60	12·10	87·90	1 0318	.....	.....	Genuine butter fat rather low.
4·00	13·10	86·90	1·0332	.....	.....	do fair proportions.
3·55	12·40	87·60	1·0328	.....	.....	do rather low.
3 65	12·75	87·25	1·0335	.....	.....	do do
3·86	12·56	87·41	1·0318	.....	.....	do fair.
4 01	12·56	87·44	1·0333	.....	.....	do average.
3·70	12·09	87 91	1·0316	.....	.....	do fair.
4 15	12·57	87·43	1·0301	.....	.....	do above the average.
3·61	12·02	87·98	1·0319	.....	.....	do rather low.
4 40	12·85	87·15	1·0320	.....	.....	do
3 45	11·60	88·31	1·0322	.....	.....	do rather low.
4 58	12·97	87 03	1·0324	.....	.....	Genuine; butter fat above the average.
3 71	12·61	87·39	1·0323	.....	.....	do do rather low.
4 20	12·85	87 15	1·0336	.....	.....	do do above the average.
3 52	12·16	87 84	1·0327	.....	.....	do do rather low.
4 34	13·04	86 96	1 0320	.....	.....	do do above the average.
3 24	11·86	88·14	1·0321	.....	.....	Not adulterated.
3 70	11·80	87 20	1·0310	.....	.....	do
3 31	12·27	87 73	1·0322	.....	.....	do
3 58	12·85	87 15	1·0311	.....	.....	do
2 54	11 56	88 44	1·0312	.....	.....	do
2 95	12 00	88 00	1·0334	.....	.....	do
2 84	12 30	87 70	1·0321	.....	.....	do
4 700	14 140	85 860	1 031	9 440	0 640	Good.	
5 080	11 800	88 200	1 028	6 740	0 750	Pure.	
2 980	9 980	90 040	1 026	7 000	0 420	Adulterated by the removal of butter fat.	
5 800	14 600	85 400	1 031	8 800	0 760	Good.	
4 900	13 900	86 100	1 032	9 000	0 720	do	
3 600	3 200	86 800	1 032	9 600	450	do	
2 800	12 200	87 800	1 0325	9 500	0 390	Fair.	
3 200	12 400	87 600	1 0312	9 100	0 360	Good.	
4 600	13 800	86 200	1 0305	9 200	0 400	do	
3 100	12 600	87 400	1 032	9 500	0 450	do	
3 500	13 200	86 800	1 0325	9 700	0 700	True.	
2 540	12 140	87 860	1 0325	9 600	0 700	Adulterated; of an inferior quality.	
2 210	11 000	89 000	1 0315	8 800	0 690	Compé.	
1 640	11 440	88 560	1 034	9 800	0 715	Skimmed; adulterated.	
4 000	13 680	86 400	1 0315	9 600	0 670	Very good.	

APPENDIX C—INSPECTION OF FOOD AND

MILK—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1887.						
Sept. 2...	M. Fiset.....	Quebec.....	4036	Frs. Faucker.....	Quebec.....	6521
do 2...	do	do	4027	O. Dorral.....	St. Olivier.....	6522
do 2...	do	do	4028	Onésime Dorval....	do	6523
Aug. 12...	John Baker Edwards	Montreal	1201	John Flanagan....	Montreal	4980
do 16...	do	do	1202	John Haggarty....	do	4983
do 16...	do	do	1203	Mores Trepanier....	do	4984
do 18...	do	do	1204	F. X. Bourclon....	do	4987
do 18...	do	do	1205	Thomas O'Brien....	do	4988
do 20...	do	do	1206	Evans Bros. & Tren- holme.....	do	4689
do 22...	do	do	1208	A. & G. Evans.....	do	49 0
do 22...	do	do	1209	Andrew Walker....	do	49 1
do 25...	do	do	1210	Craig & Boa.....	do	4992
do 23...	do	do	1211	Henry Lambert....	do	4993
do 25...	do	do	1212	John Quinn.....	do	4996
do 25...	do	do	1213	F. X. Smith.....	do	4997
do 25...	do	do	1214	A. & G. Evans.....	do	4999
do 25...	do	do	1215	Edward Roy.....	do	4999
Sept. 16...	do	do	1228	Guy Brothers.....	do	7209
do 16...	do	do	1229	do	do	7208
do 18...	do	do	1230	do	do	7210
do 18...	do	do	1231	do	do	7211
do 20...	do	do	1232	Dr. Robert Craig....	do	7212
do 20...	do	do	1233	J. Dawes & Co....	do	7213
do 20...	do	do	1234	Manus Haggarty....	do	7214
do 22...	do	do	1235	W. G. Smith.....	do	7215
do 22...	do	do	1236	Joseph Cousineau...	do	7216
do 22...	do	do	1237	Robert Morin.....	do	7217
do 23...	do	do	1238	John F. Armstrong.	Sherbrooke.....	3236
do 23...	do	do	1239	H. Arnitage & Son..	do	3237
do 26...	do	do	1240	Jas. G. Mallory....	do	3238
do 26...	do	do	1241	Allan Lothrop.....	do	3293
do 28...	do	do	1244	P. A. Trenholme....	Montreal.....	7218
do 28...	do	do	1245	Joseph Cousineau...	do	7219
do 29...	do	do	1247	Calixte Boudreau...	Sherbrooke.....	3240
do 29...	do	do	1247	Edmund Green.....	do	3241
Aug. 30...	F. X. Valade.....	Ottawa	1804	H. & G. Rees.....	Kingston.....	2924
do 30...	do	do	1805	E. R. Rees.....	do	2925
do 30...	do	do	1806	Henry Wilder.....	do	2926
do 30...	do	do	1807	J. P. H. Ferris....	do	2927
do 30...	do	do	1808	Wm. Pickering....	do	2928
do 30...	do	do	1809	George Wilder.....	do	2929
Sept. 30...	do	do	1822	J. Moorman.....	Belleville.....	2422
do 30...	do	do	1823	H. Matthews & Son	do	2423
do 30...	do	do	1824	H. L. McCaughey...	do	2424
do 30...	do	do	1825	John Smith.....	do	2425
do 30...	do	do	1826	Mrs Jas. Porter....	do	2426
do 30...	do	do	1827	F. Klimbeil.....	do	2427
Oct. 3...	do	do	1828	Robt. Honeywell...	Ottawa.....	6837
do 3...	do	do	1829	Mrs. Casey.....	do	6838
do 3...	do	do	1830	A. H. Adams.....	do	6839
do 3...	do	do	1831	H. J. Bailey.....	do	6840
do 5...	do	do	1833	Benjamin Rothwell..	do	6841
do 5...	do	do	1834	Jas. Caldwell.....	do	6842
Aug. 29...	W. Hodgson Ellis...	Toronto	2201	Wm. Stothard.....	Peterboro.....	3124
do 29...	do	do	2202	Thos. Stothard.....	do	3125

DRUGS—Tabulated Statement, &c.—Continued.

Continued.

RESULTS OF ANALYSIS.						Observations and Remarks.
Butter Fat.	Total Solids.	Water.	Specific Gravity at 60° F.	Solids not fat.	Ash.	
p. c.	p. c.	p. c.	o	p. c.	p. c.	
3·300	13·000	87·000	1·032	9·700	0·700	Pure.
3·400	13·400	86·600	1·032	10·000	0·700	do
3·200	12·800	87·200	1·032	9·600	0·680	Pure.
3·36	12·42	87·58	1035·	9·08	.....	Genuine.
5·48	14·48	85·52	1029·	9·00	.....	do and rich milk.
5·48	14·48	85·52	1030·	9·00	.....	do do
3·14	12·44	87·56	1031·2	9·30	.....	do milk, below average quality.
3·94	13·04	86·96	1029·0	9·10	.....	do of fair quality.
5·50	14·57	85·43	1029·3	9·07	.....	do and good milk.
7·59	16·13	83·87	1025·2	8·54	.....	Over average milk, and probably sold as cream.
4·00	13·54	86·46	1030·6	9·54	.....	Genuine milk.
3·10	12·84	87·36	1031·0	9·54	.....	do
3·73	13·13	86·87	1029·4	9·40	.....	do
3·93	13·16	86·84	1032·5	9·20	.....	do
3·34	12·50	87·50	1032·5	9·16	.....	Not adulterated.
4·09	12·96	87·04	1027·3	8·87	.....	Genuine.
3·56	10·80	89·20	1026·	7·24	.....	Watered to the extent of 10 to 15 per cent.
3·26	10·76	89·24	1025·	7·50	·62	adulterated by the addition of at least 10 per cent. of water.
3·36	10·23	89·77	1023·4	6·87	·62	do do do 10 to 15 per cent. of water.
2·96	10·50	89·50	1027·	7·54	·63	do do do 10 per cent. of water.
4·84	12·73	87·27	1016·4	7·89	·17	Genuine.
8·51	17·10	82·90	1016·9	8·89	·560	do over average; partially creamed.
17·30	26·04	73·96	1020·	8·44	·55	do cream
3·79	13·33	86·67	1030·	9·54	·17	do and above average milk.
4·48	13·48	86·52	1029·	9·01	.....	do do
8·56	17·00	83·00	1016·	8·44	·51	Above average, and partially creamed.
7·10	16·76	83·24	1030·	9·66	·7	do do
5·24	14·60	85·40	1032·5	9·38	.....	Genuine milk, and over average.
4·25	13·67	86·43	1033·	9·32	·75	do
7·20	16·50	83·50	1029·5	9·30	·68	do and above average; partially creamed.
4·22	14·14	85·86	1033·	9·91	·7	do
3·20	13·10	86·90	1034·2	9·90	·75	Genuine.
4·24	14·14	85·86	1032·	9·90	·76	do
4·59	14·01	85·99	1031·8	9·42	·76	do
3·94	13·98	86·02	1032·9	10·04	·8	do
3·02	12·13	87·87	1031·5	9·11	.....	Good.
3·58	11·87	88·13	1028·8	8·29	.....	do
3·89	13·76	86·24	1031·1	9·87	.....	do
3·83	12·90	87·10	1028·4	9·07	.....	do
4·38	13·56	86·44	1030·3	9·18	.....	Rich.
3·90	13·24	86·76	1031·5	9·34	.....	Good.
3·76	13·19	86·81	1031·3	9·43	.....	do
3·93	13·51	86·49	1031·7	9·58	.....	do
4·31	13·82	86·18	1031·2	9·51	.....	Rich.
4·50	13·36	86·64	1027·7	8·86	.....	do
4·03	13·65	86·35	1031·8	9·63	.....	Good.
4·18	13·59	86·41	1030·9	9·41	.....	do
4·86	14·26	85·74	1030·5	9·40	.....	Rich.
3·48	12·39	87·61	1029·3	8·93	.....	Good.
4·76	14·05	85·95	1032·04	9·25	.....	Rich.
4·76	14·18	85·82	1029·9	9·42	.....	Good.
4·20	13·55	86·45	1030·7	9·35	.....	do
3·57	13·10	86·90	1031·8	9·53	.....	do
4·61	13·19	86·91	1030·6	8·58	.....	Genuine.
4·62	13·54	86·46	1032·3	8·92	.....	do

APPENDIX C—INSPECTION OF FOOD AND

MILK—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1887.						
Aug. 29...	W. Hodgson Ellis....	Toronto	2203	Thomas Hooper	Peterboro'	3126
do 29...	do	do	2204	William Bell	do	3127
do 29...	do	do	2205	O. J. Hearney	do	3128
do 29...	do	do	2206	Wm. Yelland	do	3129
do 29...	do	do	2207	James Wilson	Port Hope	2834
do 29...	do	do	2208	Thomas Kerr	do	2835
do 29...	do	do	2209	Alexander Morrow..	do	2836
Sept. 1...	do	do	2210	Daniel Wrightson....	do	2837
do 1...	do	do	2211	George Hill	do	2838
do 1...	do	do	2212	A. Meadows & G. R. Race	do	2839
do 14...	do	do	2213	Toronto Dairy Co....	Toronto	7016
do 7...	do	do	2214	I. Endeau	do	7017
do 7...	do	do	2216	Clark Bros	do	7019
do 7...	do	do	2217	T. Gibb	do	7020
do 7...	do	do	2218	E. Shannon.....	do	7018
1888.						
June 21...	do	do	2522	Jas. C. Miller.....	do	3
do 21...	do	do	2523	John Roy	do	5
do 21...	do	do	2524	Thomas Bowden.....	do	7
do 21...	do	do	2525	Jas. Chapman	do	9
do 21...	do	do	2526	E. Shannon	do	10
do 21...	do	do	2527	Wm. O'Hearn.....	do	11
do 27...	do	do	2528	J. D. Burns	do	14
do 27...	do	do	2529	John Elliott	do	15
do 27...	do	do	2530	Patrick Sheehan	do	16
do 27...	do	do	2531	Wm. Compton	do	21
do 28...	do	do	2533	R. J. Cosborne	do	23
do 28...	do	do	2534	E. Shannon	do	24
do 28...	do	do	2535	N. Baldwin	do	26
do 28...	do	do	2536	Jas. Chapman.....	do	29
do 28...	do	do	2543	Alf. G. Haine.....	do	22
do 28...	do	do	2547	Alex. Haine	do	30
do 28...	do	do	2548	Wm Fraser	do	31
do 28...	do	do	2549	Wm. Cirber	do	32
do 28...	do	do	2550	John Good	do	33
do 28...	do	do	2551	Robt. Caddle	do	42
do 28...	do	do	2552	E. Shannon.....	do	45
do 28...	do	do	2561	A. Raynor.....	do	54

DRUGS—Tabulated Statement, &c.—Continued.

Concluded.

RESULTS OF ANALYSIS.						Observations and Remarks.
Butter Fat	Total Solid.	Water.	Specific Gravity.	Solids not Fat.	Ash.	
p c	p. c.	p. c.	p. c.	p. c.	p. c.	
4.37	13.30	86.70	1031.9	8.93	.....	Genuine
.89	9.86	90.14	1034.4	8.97	.....	Adulterated by the abstraction of cream.
3.93	12.75	87.25	1030.5	8.82	.....	Genuine.
3.20	11.73	88.21	1031.	8.53	.....	do
3.57	12.38	87.62	1031.7	8.81	.....	do
3.12	12.32	87.68	1033.8	9.20	.....	Genuine.
3.60	13.14	86.86	1033.8	9.52	.....	do
7.19	15.71	84.29	1028.0	8.51	.....	do
3.08	11.90	88.10	1030.7	8.82	.....	do
4.06	13.24	86.76	1031.1	9.18	.....	do
3.00	12.10	87.90	1031.7	9.10	.....	do
3.00	12.20	87.80	1032.4	9.70	.....	do
3.48	11.45	88.55	1029.7	7.97	.....	Adulterated by admixture with water.
3.20	12.10	.....	1032.3	8.90	.....	Genuine.
3.40	12.00	.....	1031.0	8.60	.....	do
2.70	11.30	.....	1031.2	8.60	.....	Either a poor milk or some of the cream has been removed.
2.70	10.10	.....	1027.6	7.4	.....	Adulterated by admixture of water.
3.50	11.20	.....	1028.3	7.70	.....	do do
3.00	11.50	.....	1031.0	8.50	.....	Genuine.
3.30	11.50	.....	1031.0	8.20	.....	do but the solids, not fat, are low.
2.90	11.10	.....	1032.5	8.10	.....	Adulterated by the addition of water.
3.30	11.70	.....	1031.4	8.40	.....	Genuine, low solids not fat.
3.80	10.70	.....	1026.0	6.90	.....	Adulterated by the admixture of water.
2.80	11.30	.....	1031.4	8.60	.....	Deficient in fat.
2.70	9.70	.....	1025.6	7.00	.....	Adulterated by admixture with water.
2.70	10.60	.....	10.9.0	7.90	.....	do do
2.30	10.70	.....	1031.8	8.40	.....	Adulterated by removal of some of the cream or by admixture with water.
2.05	10.58	.....	1031.8	8.50	.....	Adulterated by removal of a portion of the cream.
2.60	11.10	.....	1031.0	8.50	.....	Either skimmed or a poor milk.
3.10	12.30	.....	1033.9	9.0	.....	Genuine.
2.80	11.60	.....	1032.5	8.80	.....	Low in fat.
2.60	11.10	.....	1031.0	8.60	.....	Either skimmed or a poor milk.
2.90	10.90	.....	1029.3	8.0	.....	Adulterated by admixture with water.
3.20	11.00	.....	1028.5	7.80	.....	do do
3.30	11.50	.....	10.9.5	8.20	.....	Either of poor quality or watered.

APPENDIX C.—INSPECTION OF FOOD AND
CREAM OF

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1887.						
Oct. 4...	M. Bowman	Nova Scotia...	34	M. Flinn	Halifax	5373
do 4...	do	do	35	W. Forseythe	do	5374
do 4...	do	do	36	Dillon Bros.	do	5375
do 4...	do	do	37	John Munro	do	3315
do 4...	do	do	38	G. J. Hamilton & Son	do	3319
Aug. 13...	W. F. Best	N. Brunswick...	1788	Irwin & King	St. John	6147
do 13...	do	do	1790	Sharp & Dunfield....	do	6149
do 13...	do	do	1791	Ed. Hunt.	do	6161
do 13...	do	do	1794	Dudne Breeze	do	6152
do 13...	do	do	1796	Wm. A. Porter.	do	6 53
Sept. 22...	M. Fiset	Quebec.	4029	A. A. Gantin	Quebec.	6524
do 22...	do	do	4030	J. B. Dion	do	6525
do 22...	do	do	4031	F. X. Gagnon	do	6526
do 22...	do	do	4032	Edmond Côté	do	6527
do 22...	do	do	4033	L. Gaboury	do	6528
Aug. 25...	J. B. Edwards.....	Montreal.	1217	Loughman & O'Flaherty	Montreal	4975
do 26...	do	do	1218	A. Derbruit	do	4986
Sept. 26...	do	do	1242	O. O. Peterson	Sherbrooke ...	3230
do 26...	do	do	1243	J & A. McKintosh...	do	3132
Aug. 25...	do	do	1216	Williams Bros.	Montreal	4982
Sept. 30...	F. X. Valade	Kingston.	1803	C. Stratton	Ottawa	6846
do 30...	do	do	1813	Hooly & Son	Belleville.....	2419
do 25...	do	do	1817	J. A. Paterson	Prescott	2523
do 25...	do	do	1819	A. Robertson	Kingston	3003
do 30...	do	do	1832	H. H. Curtis	do	2941
Oct. 29...	W. H. Ellis.	Toronto	355	T. R. Harvey & Son.	Cobourg	2829
do 29...	do	do	356	G. Glenus & Son	Port Hope.....	2833
do 29...	do	do	357	John Garvey	Peterboro'	3123
do 29...	do	do	359	R. W. Boyd	Toronto	7008
do 29...	do	do	359	W. H. Rumsey	do	7009
do 29...	do	do	392	W. S. Robinson.....	do	76
do 29...	do	do	393	J. C. Saundier.	do	77
do 29...	do	do	394	E. H. Bauld	do	78

DRUGS—Tabulated Statement, &c.—Continued.

TARTAR.

RESULTS OF ANALYSIS.					Observations and Remarks.
Moisture.	Ash.	Calcium Tartrate.	Potassium Bitrate.	Sulphuric Acid.	
p. c.	p. c.	p. c.	p. c.	p. c.	
4.63	.....	10.10	85.37	.....	Not adulterated.
4.57	.....	10.09	85.34	.....	do
4.27	2.24	13.81	79.68	.....	Adulterated, containing tartrate and sand.
4.42	.....	9.43	86.15	.....	Not adulterated.
3.60	1.33	9.27	85.80	.....	do
2.15	0.80	7.00	88.60	Traces.	do
3.30	0.95	9.00	72.10	.....	do
3.20	1.25	9.75	71.40	Traces.	do
5.60	3.20	8.10	65.00	.....	Adulterated with sulphate of lime.
1.00	1.10	7.40	7.800	4.80	Adulterated with a small amount of sulphate of lime.
.....	38.700	60 to 70	26.076	.....	Adulterated. No starch.
.....	40.779	70 to 75	.....	.....	do do
.....	33.100	.....	.....	.....	do Starch.
.....	5.900	.....	.....	.....	do Flour.
.....	64.400	60 to 70	.....	.....	do No starch.
2.00	.....	6.00	92.00	.....	Genuine.
1.00	.....	3.00	70.00	.....	Adulterated by the addition of 25 p. c. of starch or farina.
2.00	.....	.12	.86	.....	Not adulterated. Below standard.
4.00	.....	4.06	73.60	18.40	Adulterated by the addition of 20 p. c. mixture of phosphate of lime.
1.00	.....	6.00	93.00	.....	Not starch Fair sample.
1.70	38.11	8.00	.....	.....	Genuine, according to U. S. P.
0.29	37.83	8.00	.....	.....	Adulterated with about 2.47 p. c. of quartz or silicious matter. Injurious to health.
0.35	37.06	8.00	.....	.....	Genuine, according to U. S. P.
0.30	37.43	6.00	.....	.....	Very good.
0.82	36.51	8.00	.....	.....	Good. Traces of phosphoric acid.
.....	38.00	.....	.....	.....	Adulterated with sulphate of lime. Adulteration injurious to health.
.....	.....	.....	.....	.....	Genuine.
.....	30.00	.....	.....	.....	Adulterated by a mixture with sulphate of lime.
.....	.....	.....	.....	.....	Genuine.
.....	.....	.....	.....	.....	do
.....	.....	.....	.....	.....	Contains 89.10 p. c. of acid, tartrate of potassium. Genuine.
.....	.....	.....	.....	.....	do 91.05 do do do
.....	.....	.....	.....	.....	do 91.05 do do do

APPENDIX C—INSPECTION OF FOOD AND

COF

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.	Results.	
							Fatty Matter.	Caffeine.
							p. c.	p. c.
1887.								
Sept. 17	M. Bowman	Nova Scotia...	1	Miss Quinn	Halifax.	5363	4.05	0.75
do 17	do	do	2	R H Campbell.	do	5364	2.74	0.40
do 17	do	do	3	C. Graham & Co.	do	5365	5.40	0.95
do 17	do	do	4	A. McDougall & Son.	do	5366	11.32	1.20
do 17	do	do	5	D. F. Power & Co.	do	5367	10.52	1.33
do 17	do	do	6	Danl. Johnstone.	do	5368	6.16	0.70
do 17	do	do	7	M. Murphy	do	5369	7.61	1.13
do 17	do	do	8	Thos. O'Malley	do	5370	11.11	1.27
do 17	do	do	9	Taylor & Christie.	do	5371	13.06	1.18
do 17	do	do	10	Jas. Sutherland.	do	5372	1.50	Nil.
do 17	do	do	11	John Munro.	do	3316	11.50	1.20
do 17	do	do	12	W. S. Harris	do	3317	5.82	0.70
do 17	do	do	13	do	do	3318	14.16	1.25
do 17	do	do	14	David Logan	do	3320	9.10	0.55
do 17	do	do	15	Dalzel Paterson.	do	3321	8.40	0.62
Aug. 13	W. F. Best	N. Brunswick.	1789	Irwin & King	St. John	6148	9.25	1.15
do 13	do	do	1791	John P. Maloney	do	6150	9.20	1.75
do 13	do	do	1793	S. V. Hunt	do	6152	7.95	1.15
do 13	do	do	1795	Dudne Breeze	do	6154	9.75	1.15
do 16	do	do	1797	Geo. Spiller	do	6156	10.20	1.10
do 16	do	do	1798	Robt. Miller	do	6157	6.50	0.75
do 16	do	do	1799	Peter Chisholm	do	6158	9.20	1.00
do 16	do	do	1800	P. J. McPherson.	do	6159	6.85	0.80
do 16	do	do	401	J. D. McAvity.	do	6160	9.00	1.25
do 16	do	do	402	Williams Bros.	do	6161	9.25	0.90
Aug. 22	M. Fiset	Quebec	4007	F. X. Fortier	Quebec.	6501	4.300	0.240
do 22	do	do	4008	J. B. Rousseau	do	6502	7.600	0.200
do 22	do	do	4009	J. E. Amelin	do	6503	2.400	0.140
do 22	do	do	4010	James Labeé	do	6504	7.600	0.960
do 22	do	do	4001	J. C. Venner	do	6505	7.540	0.954
do 14	do	do	4011	Labié & Gagne	do	6196	6.100	1.400
do 14	do	do	4012	Ponseunt & Co	do	6197	7.100	1.000
do 14	do	do	4013	Berube & Chouinard.	do	6198	3.900	0.400
do 14	do	do	4014	Louis Poulin	do	6199	7.000	0.600
do 14	do	do	4015	Paquet & Potvin	do	5200	7.800	0.600
Sept. 1	J. B. Edwards...	Montreal.	1219	Duneau Bros	Montreal.	4981	.5	traces
do 1	do	do	1220	Joseph Sanche	do	4994	4.5	do
do 2	do	do	1221	Philias Desormiers....	do	4995	5.6	do
do 3	do	do	1222	John L. Provan	do	7201	4.3	0.5

DRUGS—Tabulated Statement, &c.—Continued.

F E E.

OF ANALYSIS.				Microscopical Examinations.	Observations and Remarks.
Sugar.	Ash.		Specific Gravity.		
	Solu-ble.	Insolu-ble.			
p. c.	p. c.	p. c.	p. c.		
.....	2.53	1.22	1.0104	Roasted grain and chicory.....	Adulterated.
.....	2.38	0.82	1.0121	Chicory.....	do
.....	3.20	1.20	1.0116	do.....	do
.....	3.78	0.44	1.0087	Coffee only.....	Not adulterated.
.....	3.88	0.99	1.0097	.....	do
.....	2.50	2.05	1.0105	Large amount of roasted grain and chicory.....	Adulterated.
.....	3.21	2.40	1.0119	Chicory.....	do
.....	3.56	0.86	1.0105	do.....	do
.....	3.63	0.74	1.0086	.....	Not adulterated.
.....	2.12	1.54	1.0160	Contains a large amount of roasted grain.....	Adulterated; sold as dandelion coffee.
.....	3.83	0.59	1.0081	.....	Not adulterated.
.....	2.77	1.40	1.0102	As stated on label, mixed; contains roasted grain and chicory.....	.....
.....	3.48	0.74	1.0076	.....	Not adulterated.
.....	3.40	1.15	1.0081	Large amount of chicory and a small amount of roasted grain.....	Adulterated.
.....	2.99	1.31	1.0103	Roasted grain and chicory.....	Adulterated.
1.75	2.50	1.50	1.007	Coffee.....	Genuine.
1.75	2.80	1.45	1.008	do.....	do
1.70	2.85	1.00	1.007	.....	Not adulterated.
1.75	2.40	1.60	1.007	.....	do
2.25	2.30	2.00	1.008	.....	do
3.80	3.40	2.60	1.007	Coffee.....	Genuine.
2.25	1.80	1.95	1.008	.....	do
1.40	2.50	1.75	1.008	.....	do
1.40	2.75	1.60	1.108	.....	do
1.75	2.10	1.80	1.008	.....	do
.....	3.540	1.300	1.009	Nothing but coffee...	Pure.
.....	3.360	1.600	1.011	Coffee.....	do
.....	2.000	0.500	1.011	Burnt starch.....	Adulterated.
.....	3.400	0.600	1.010	Only coffee.....	Pure.
.....	3.500	0.500	1.008	Coffee.....	do
.....	1.800	0.600	1.008	do.....	do
.....	2.400	1.600	1.009	do.....	do
.....	2.300	1.140	1.009	do only.....	do
.....	2.400	1.200	1.008	do do.....	do
.....	2.406	1.100	1.008	do.....	do
2.42	.....	.....	1.0128	Contains chicory; corn to the extent of 30 p. c.....	Adulterated.
2.42	.....	.....	1.0126	Contains chicory; roasted grain over 20 p. c.....	do
2.31	.....	.....	1.0128	Chicory; starch over 20 p. c.....	do
2.8	.....	.....	1.0142	Chicory; grain 10 p. c.....	do

APPENDIX C—INSPECTION OF FOOD AND
COFFEE—

Date.	Name of Analyst.	District.	No of Analyst's Report.	Vendor.	Residence.	No. of Sample.	RESULTS.	
							Fatty Matter.	Caffeine.
							p. c.	p. c.
1887.								
Sept. 3	J. B. Edwards...	Montreal.....	1223	John L. Provan	Sherbrooke	7202	2.0	2.10
do 3	do ...	do	1224	Geo. Nelch.....	do	7203	3.6	0.52
do 3	do ...	do	1225	Daoust & Brothers....	do	7204	3.9	0.25
do 3	do ...	do	1226	F. X. Gareau.....	do	7205	4.2	0.66
do 3	do ...	do	1227	F. X. Gareau	do	7206	3.9	traces
do 30	do ...	do	1253	L. Proulx.....	do	3235	.2	1.3
do 30	do ...	do	1251	J. P. Beauvois.....	do	7207	.7	1.7
do 30	do ...	do	1248	O. O. Peterson	do	3229	8.2	2.0
do 30	do ...	do	1249	J. & A. McIntosh....	do	3231	9.0	1.75
do 30	do ...	do	1260	R. L. Parker.....	do	3233	86	1.8
do 30	do ...	do	1252	T. Gendron.....	do	3234	.....	1.5
Aug. 30	F. X. Valade	Kingston.....	1801	Wm. Wall.....	Ottawa.....	6834	6.94	0.6
do 30	do	do	1802	McLeod & Co.....	do	6825	9.24	0.7
Sept. 30	do	do	810	Geo Wilder.....	Kingston.....	1930	6.51	traces
do 30	do	do	1812	Thos. Farrell	do	2932	6.60	0.40
do 25	do	do	1816	J. A. Patterson.....	Prescott.....	2522	7.16	0.5
do 25	do	do	1818	C. Whitney	do	2524	10.13	0.55
do 30	do	do	1814	John Gilbert	Belleville	2420	7.14	0.67
do 30	do	do	1815	John Gilbert	do	2421	11.49	0.68
do 25	do	do	1820	Elliott & Davin.....	Perth	3009	9.16	0.69
do 25	do	do	1821	Geo. Devlin	do	3010	9.35	0.31
							Mois- ture.	Ash.
do 14	W. H. Ellis.....	Toronto	2222	Thos. Battelle.....	Cobourg.....	2826	4.65	4.50
do 14	do	do	2223	Hoocy & Son.....	do	2827	4.20	4.10
do 14	do	do	2224	Wm. Burnet	do	2828	4.61	4.95
do 14	do	do	2225	D. J. McLennan.....	Port Hope.....	2630	4.00	4.40
do 14	do	do	2226	J. Mitchell.....	do	2831	4.25	4.45
do 14	do	do	2227	Simpson & Reid.....	do	2832	4.31	4.55
do 14	do	do	2231	J. A. Wiseman	Toronto	7010	4.35	4.95
do 14	do	do	2232	J. R. Hoare.....	do	7011	4.55	4.65
do 14	do	do	2233	M. Barker	do	7012	3.6	4.9
do 14	do	do	2234	R. W. London.....	do	7013	4.30	4.35
do 14	do	do	2235	F. Dean	do	7014	4.60	4.60
do 14	do	do	2236	Mrs. Jas. Davie.....	do	7015	4.85	4.45
do 14	do	do	2230	Elliott Burney.....	Peterboro'	3122	3.95	4.60
do 14	do	do	2229	Rush Bros	do	3121	4.15	4.45
do 14	do	do	2228	John Cameron.....	do	3120	5.15	4.35
							Fatty Matter	Caf- feine.
Nov. 15	J. E. Wright, jun.	Manitoba.....	2801	E. B. Rutledge.....	Winnipeg.....	5726	11.96	.87

DRUGS—Tabulated Statement, &c.—Continued.

Continued.

OF ANALYSIS.				Microscopical Examination.	Observations and Remarks.
Sugar.	Ash.		Specific Gravity.		
	Solu-ble.	Insolu-ble.			
p. c.	p. c.	p. c.	p. c.		
0.34			1.0085	No foreign ingredi- ents.....	Genuine.
1.98			1.0130	Contains chicory and roasted grain.....	Adulterated.
2.05			1.0130	Contains over 25 p.c. chicory and roast- ed corn.....	do
2.02			1.0130	Contains over 20 p.c. chicory and roast- ed grain.....	do
2.13			1.0128	Contains over 20 p.c. chicory and roast- ed corn.....	do
0.10	6.4		1.009	No foreign vegetable.	Genuine.
0.15	.5		1.009	do	do
0.1	.4		1.009	do	do
0.10	2.3		1.009	do	do
0.1	.5			do	do
0.15	5.00		1.0085	do	do
1.90	2.59	1.79	1008.2	Coffee a little chicory	A fair sample.
0.30	2.86	1.76	1007.8	Coffee.....	Pure.
11.64	2.62	1.76	1016.25	Coffee and chicory...	Adulterated by about 30 per cent. chicory and
2.62	3.01	1.80	1012.5	Coffee, chicory and beans.....	burnt sugar. Adulterated.
traces	3.15	1.19	1008.9	Coffee.....	Good.
0.45	3.10	0.36	1007.4	do	do
2.12	3.54	1.39	1008.15	do little chicory.	do
1.59	3.12	1.46	1008.30	do	Very good.
0.86	3.72	1.36	1003.15	do	do
4.30	2.89	2.56	1009.9	do and chicory....	Fair.
Insolu-ble.	Solu-ble.	Caf. feine.	Specific Gravity.		
1.10	3.40	.83	1009.6	Pure	Genuine.
1.05	3.05	1.07	1008.4	do	do
1.75	3.20	.96	1008.6	do	do
1.55	2.85	1.14	1008.3	do	do
.85	3.60	1.05	1009.0	do	do
.95	3.60	1.02	1009.	do	do
1.85	3.10	1.01	1012.4	Chicory not less than 20 per cent.....	Adulterated.
1.35	3.30	1.21	1010.4	Chicory about 10 p.c.	do
1.3	3.6	1.21	1009.7	Genuine.....	Genuine.
.85	3.50	1.29	1009.	Pure.....	do
1.05	3.55	1.29	1009.3	do	do
1.00	3.45	.92	1010.4	Starch, probably peas	Adulterated.
1.10	3.50	1.10	1008.6	Pure.....	Genuine.
1.25	3.20	.98	1009.0	do	do
1.10	3.25	.87	1008.6	do	do
Sugar	Solu-ble.	Insolu-ble.	Specific Gravity		
2.57	2.34	3.82	1.007	.....	Not genuine.

APPENDIX C—INSPECTION OF FOOD AND
COFFEE—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.	Results	
							Fatty Matter.	Of
1887.							p. c.	p. c.
Nov. 15	J. E. Wright, jun	Manitoba.....	2802	E. B. Rutledge... ..	Winnipeg	5727	7.13	1.13
do 15	do ...	do	2803	Canada Pacific Co....	do	5730	8.36	1.21
do 15	do ...	do	2804	J. Muller.....	do	5731	4.05	.76
do 15	do ...	do	2805	H. Hodges & Sons....	do	5733	6.80	1.67
do 15	do ...	do	2806	A. Anderson.....	do	5735	10.25	1.09
do 15	do ...	do	2807	Roberts Bros	do	5737	8.45	.73
do 15	do ...	do	2808	J. G. Mills	do	5738	9.30	.56
do 15	do ...	do	2809	Geo. Adam.....	do	5739	9.50	1.49
do 15	do ...	do	2810	B. Moffat	do	5740	7.30	1.62

DRUGS—Tabulated Statement, &c.—Continued.

Concluded.

OF ANALYSIS.				Microscopical Examination.	Observations and Remarks.
Sugar.	Ash.		Specific Gravity.		
	Solu-ble.	Insolu-ble.			
p. c.	p. c.	p. c.	p. c.		
2.00	3.12	.84	1009.70	.....	Not pure coffee.
1.38	3.42	.78	1005.	Contains a little quantity of peas...	Not genuine.
3.82	2.78	.94	1012.	.....	do
.73	3.18	.78	1008.70	Coffee only.....	Genuine.
.93	3.19	.61	1007.	Contains a small quantity of peas ...	Not genuine.
1.12	3.00	.88	1006.52	Coffee only	Genuine.
3.02	3.16	.70	1010.	Contains chicory to about 15 to 20 p.c.	Not genuine.
1.82	3.16	1.04	1006.50	Coffee only.....	Genuine.
1.00	2.84	.68	1003.	do	do

APPENDIX C—INSPECTION OF FOOD AND DRUGS

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.
1888.					
May 7...	F. X. Valade.....	Kingston.....	1905	W. S. Detlor.....	Napanee.....
do 7...	do	do	1906	A. W. Grange & Bro.....	do
do 7...	do	do	1907	W. S. Detlor.....	do
do 7...	do	do	1908	Perry & Co.....	do
do 7...	do	do	1909	A. W. Grange & Bro.....	do
do 7...	do	do	1910	T. A. Huffman.....	do
do 7...	do	do	1911	G. Birks.....	Prescott.....
do 7...	do	do	1912	do	do
do 7...	do	do	1913	A. O. Harding.....	do
do 7...	do	do	1914	T. R. Melville.....	do
do 7...	do	do	1915	do	do
do 7...	do	do	1916	Shillington & Co.....	Ottawa.....
do 7...	do	do	1917	W. A. Lloyd.....	do
do 7...	do	do	1918	J. W. McEachren.....	do
do 7...	do	do	1919	H. J. Fraser.....	do
do 7...	do	do	1920	J. W. McEachren.....	do
do 7...	do	do	1921	H. J. Fraser.....	do
do 7...	do	do	1922	Shillington & Co.....	do
do 7...	do	do	1923	W. A. Lloyd.....	do
do 7...	do	do	1924	Valade & Co.....	do
do 7...	do	do	1925	U. O. Dacier.....	do
do 7...	do	do	1926	J. Skinner & Co.....	do
do 7...	do	do	1927	H. F. McCarthy.....	do

DRUGS—Tabulated Statement, &c.—Continued.

No. of Sample.	RESULTS OF ANALYSIS.		Observations and Remarks.
	Specific Gravity.	Alcohol by weight.	
7113	p. c. .821	p. c. 90.64	Sp. vini rect. Genuine according to U.S.P.
7114	.819	91.36	do do do
7115	.938	.....	Sp. aether nitr. Total acidity, 0.68 p.c. ; a trace of nitrite of ethyl ; contains about 44 p.c. by measure of water added ; answers none of the tests of the pharmacopœia ; is adulterated, and thereby useless as such a drug.
7116	.896	.....	do Total acidity, 0.64 p.c. ; contains at least 4 p.c. of nitrous acid and nitrite of ethyl ; contains about 22 p.c. of water by measure too much ; fair.
7117	1.002	.....	Vinum quinzæ. Contains about 0.17 gra. of quinine per fluid ounce ; almost limpid and very slight deposit acid reaction ; too weak in quinine, should contain about one grain per fluid ounce.
7118	.....	.....	Acid tart. potass. Answers all the tests of U.S.P. ; contains no more than 10 p.c. tartrate of calcium ; good.
7119	0.818	92.71	Sp. vini rect. Genuine according to U. S. P.
7120	.949	38.22	Tinct. opii. Alcohol should be proof spirit 10 degrees too low ; opium extract, 3.11, contains 13.6 grains of opium extract by fluid ounce, corresponding to about 22 grains of opium per ounce. The B. P. preparation should reach the extract of 33 grains of powder opium. The effect of a such drug cannot be relied upon
7121	.819	91.36	Sp. vini rectific. Good ; stands all the U. S. P. tests.
7122	.844	.....	Sp. aether. nitr. Total acidity, 0.44 p.c., at least 4 p.c. of nitrite of ethyl and nitrous acid ; very good.
7123	.....	.....	Ferri et quinzæ citr. Ferric oxide, 21.1 p. c. ; quinine dried at 100° C., 3.90 p.c. ; cinchonine, quimidine, &c., 1.60 p.c. ; contains ammonia ; deficient in quinine
7124	.....	.....	Ferri et quinzæ citr. Ferric oxide, 19.3 p.c. ; quinine dried at 100° C., 16.03 p.c. ; traces of other alkaloids ; contains ammonia ; good, B.P.
7125	.....	.....	do Ferric oxide, 18 p.c. ; quinine dried at 100° C. 16.4 p.c. ; contains ammonia and traces of other alkaloids ; good, B.P.
7126	.....	.....	Ferri ammoni cit. Ferric oxide (ignition) 38.6 ; answers all the tests of B.P., except residue after ignition which is too high.
7127	.....	.....	do Residue after ignition 34.37 p.c. ; contains either free ferric oxide or free citrate of iron, and should not ; it does not answer all the tests of the B.P.
7128	.....	.....	Acid pot. tart. Answers all the pharmacopœia ; good.
7129	.....	.....	do do do
7130	.954	38.2	Tinc. opii. Extract of opium, 3.83 p.c. ; contains 16.8 grains of extract of opium per fluid ounce, corresponding to about 28 grains of opium. The B.P. preparation requires the extract of 33 grains of opium per fluid ounce ; not reliable.
7131	.945	39.3	do Opium extract, 3.1 p.c., contains 13.44 grains of opium extract per fluid ounce, corresponding to about 22 grains of opium per fluid ounce, the B.P. require the extract of 33 grains ; not reliable.
7132	.821	90.64	Sp. vini rectific. Answers all the tests of the U.S.P. ; good.
7133	.951	.....	Sp. ether nit. Total acidity 0.67 p. c. ; a trace of nitrite of ethyl ; contains about 50 p.c. by measure, of water added ; answers none of the tests of the pharmacopœia ; turbid and matters in suspension adulterated and thereby useless as a drug.
7134	.824	89.54	Sp. vini rectific. Answers all the tests of the pharmacopœia, but 1½ degree too low according to U.S.P. ; fair.
7135	.826	88.56	do Answers all the tests of the U.S.P., except 2½ degrees too low ; fair.

APPENDIX C—INSPECTION OF FOOD AND

DRUGS—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.
1888.					
May 7...	F. X Valade	Kingston	1928	J. Skinner & Co....	Ottawa.....
do 7...	do	do	1929	H. F. McCarthy....	do
do 11...	W. H. Ellis.....	Toronto	387	Wesley & Hoar.....	Toronto
do 11...	do	do	388	B. Tacks.....	do
do 11...	do	do	389	Robert Weir	do
do 11...	do	do	391	Stott & Jury	do
do 29...	do	do	2501	A. E. Kennedy.....	do
do 29...	do	do	2502	Hooper & Co.....	do
do 29...	do	do	2503	J. D. Matheson	do
do 29...	do	do	2504	R. Deyell	Port Hope.....
do 29...	do	do	2505	H. Sherris & Co	Toronto
do 29...	do	do	2506	W. H. Scripture	do
do 29...	do	do	2507	F. W. Flett.....	do
do 29...	do	do	2508	G. A. Mitchell.....	Port Hope.....
do 29...	do	do	2509	T. G. Watson	do
do 29...	do	do	2510	C. W. Oryderman	Toronto
do 29...	do	do	2511	G. A. Larkin	do
do 29...	do	do	2512	W. L. Wood	do
do 29...	do	do	2513	J. Higginbottom.....	Bowmanville
do 29...	do	do	2514	J. Gibbons & Co	Toronto
do 29...	do	do	2515	T. H. Bothan.....	do
do 29...	do	do	2516	C. P. Pickering.....	do

DRUGS—Tabulated Statement, &c.—Continued.

Concluded.

No. of Sample.	RESULTS OF ANALYSIS.		Observations and Remarks.
	Specific gravity.	Alcohol by weight.	
	p c.	p c.	
7136	1.015	.....	Quiniae vinum. Contains about 0.22 grains of quinine per fluid ounce; turbid and considerable deposit; acid reaction; too weak in quinine; should contain 1 grain per fluid ounce.
7137	1.005	.....	do Contains about 0.23 grains quinine per ounce; perfectly limpid; no deposit; acid reaction; too weak in quinine. Should contain 1 grain per fl. ounce.
7101	Ferri et ammon cit. Contains ferric oxide 26.90, ammonia 7.05, citrate acid genuine.
7103	do do 28.90 do 6.60 do
7104	do do 41.70 do 5.27 do
7106	do do 37.90 do 5.01 do
70	Tinc. opii. Contains 3.6 grains of morphia per ounce; genuine.
72	do do 3.1 do do
71	do do 3 do do
7108	do do 3 do do
73	Vini quinin. do .85 grains of quinine sulphate do
74	do do .6 do do
75	do do .13 do not of proper strength as provided by B.P.
7110	do do .81 do genuine.
7112	do do .6 do do
79	Ferri et quinin cit. Contains 14.7 grains of quinine do
80	do do 14.4 do do
7102	do do 14.6 do do
7105	do do 3.7 do Below the British and American standard.
67	Sp, ether nit. Contains about 1 p. c. of nitrous ether. Below pharmacopoeia strength.
68	do do 1 do do
69	do do .64 do do

APPENDIX C—INSPECTION OF FOOD AND

LIQUORS—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1887.						
Nov. 10...	M. Bowman	Nova Scotia	39	Alex. Cameron	Pictou	3328
do 10...	do	do	40	Chas. McKenzie	New Glasgow	3331
do 10...	do	do	41	J. C. Graham	do	3332
do 10...	do	do	42	Chas. Gallant	Pictou	3333
do 10...	do	do	43	P. S. Brown	do	3336
do 10...	do	do	44	Mrs. Henderson, W.	do	3337
do 10...	do	do	45	Alex. Cameron	do	3329
do 10...	do	do	46	Chas. McKenzie	New Glasgow	3330
do 10...	do	do	47	Chas. Gallant	Pictou	3334
do 10...	do	do	48	Mrs. Jas. Cameron	do	3335
Dec. 9...	do	do	49	Jas. Carroll	Halifax	5388
do 9...	do	do	50	Wm. Suttou	do	5389
do 9...	do	do	51	Ar. Monaghan	do	5390
do 9...	do	do	52	Mary Murrens	do	5391
do 9...	do	do	53	Thos. Cahalan	do	5392
do 9...	do	do	54	Geo. Faltz	do	5393
do 9...	do	do	55	Edw. Griffin	do	5394
do 9...	do	do	56	Thos. Major	do	5395
do 9...	do	do	57	Robt. J. Forrestall	do	5396
do 9...	do	do	58	John Courting	do	5397
do 9...	do	do	59	Wm. Whalen	Sydney, C.B.	1
do 9...	do	do	60	Angus McKenzie	do	2
do 9...	do	do	61	Susan O'Neill	do	3
do 9...	do	do	62	S. Burns	do	4
do 9...	do	do	63	John McMullen	do	5
do 9...	do	do	64	Wm. Whalen	do	1
do 9...	do	do	65	Angus McKenzie	do	2
do 9...	do	do	66	Susan O'Neill	do	3
do 9...	do	do	67	S. Burns	do	4
do 9...	do	do	68	John McMullen	do	5
do 9...	do	do	69	Thomas Gannon	do	6
do 9...	do	do	70	John Smith	do	7
Oct. 20...	W. F. Best	New Brunswick	426	Jos. Cain	St. John	6180
do 20...	do	do	427	John Riley	do	6181
do 17...	do	do	428	Thos. Woodburn	do	6182
do 20...	do	do	429	John Patton	do	6183
do 20...	do	do	430	Wm. McDonough	do	6184
do 12...	do	do	431	Abram Whitebone	do	6185
do 12...	do	do	432	Wm. Koop	do	6186
do 12...	do	do	433	Maritime Importing Co.	do	6187
do 12...	do	do	434	Thos. Foley	do	6188
do 12...	do	do	435	Henry Maher	do	6189
do 28...	M. Fiset	Quebec	901	Felix Guilet	Quebec	6529
do 28...	do	do	902	Ovielle Lemieux	do	6530
do 28...	do	do	903	Hôaire Breaud	do	6531
do 28...	do	do	904	Cy. Chamberlain	do	6532
do 28...	do	do	905	Camille Cordoliaz	do	6533
do 28...	do	do	906	Jos Robitaille	do	6534
do 28...	do	do	907	Peter McFarland	do	6535
do 28...	do	do	908	do	do	6536
do 28...	do	do	909	Albert Patry	do	6537
do 28...	do	do	910	do	do	6538

DRUGS—Tabulated Statement, &c.—Continued.

WINES.

RESULTS OF ANALYSIS.						Observations and Remarks.
Specific Gravity	Alcohol.		Solids.	Ash		
	Volume.	Weight.				
p. c.	p. c.	p. c.	p. c.	p. c.		
0.921	56.35	48.55	0.07	.....	Gin ; unadulterated ; free from methyl alcohol.	
0.9.6	43.20	36.50	0.05	.....	do do do	
0.917	45.34	38.17	.....	.....	do do do	
0.930	52.20	44.55	0.25	.....	do do do	
0.952	39.94	33.29	0.05	.....	do do do	
0.942	45.71	38.50	0.02	.....	do do do	
0.914	49.93	5.09	0.002	.....	Scotch Whiskey ; unadulterated ; free from methyl alcohol.	
0.910	49.6	42.10	0.05	.....	do do do	
0.8.6	67.38	39.65	0.17	.....	do do do	
0.939	47.40	40.05	0.17	.....	do do do	
.9.7	48.64	41.20	0.25	.....	Gin do do	
.953	39.54	32.94	0.75	.....	Rye Whiskey do but low in alcohol.	
.910	41.23	34.48	0.22	.....	Gin do do	
.9.9	35.8	29.65	0.25	.....	Rye Whiskey do do	
.9.8	42.5	35.65	.075	.....	Gin do do	
.954	38.75	32.25	.100	.....	Rye Whiskey do do	
.938	48.2	40.80	.013	.....	Gin do do	
.9.1	46.26	39.00	.044	.....	do do do	
.948	41.84	35.00	.050	.....	do do do	
.9.0	41.42	34.62	.100	.....	Rye Whiskey ; not adulterated.	
.950	41.05	34.29	.050	.....	Scotch Whiskey do do	
.956	37.14	30.83	.....	.....	do do do	low in alcohol.
.935	49.88	42.33	.075	.....	do do do	
.683	32.03	23.40	.125	.....	Rye Whiskey ; adulterated ; diluted.	
.943	46.23	39.00	.500	.....	do do not adulterated.	
.940	46.64	39.35	.025	.....	Gin do do	
.916	48.45	50.61	.038	.....	do do do	
.942	45.84	38.61	.....	.....	do do do	
.9.2	45.9	38.39	.015	.....	do do do	
.942	45.71	38.50	.015	.....	do do do	
.941	46.53	39.25	.025	.....	do do do	
.941	46.48	39.20	.027	.....	do do do	
.9551	36.40	30.25	12.00	0.008	Irish Whisky do	
.939	39.70	33.15	00.55	0.002	Gin ; fusel oil trace.	
.952	45.85	38.60	00.70	0.012	do do detected.	
.9302	51.00	41.00	00.55	0.005	do of fair quality ; fusel oil detected.	
.9634	28.75	23.60	00.34	0.008	Scotch Whisky do do	
.9580	36.50	30.40	01.50	0.009	Irish do not adulterated.	
.9595	32.70	27.00	00.95	0.007	do do of fair quality ; fusel oil trace, but low in alcohol strength.	
.9398	39.70	32.15	00.34	0.006	Gin ; fairly good ; fusel oil.	
.9507	35.75	29.70	00.54	0.005	do of fair quality do	
.9456	40.09	33.10	01.40	0.010	do do do	
.....	.....	.....	28.00	.....	Whisky ; fair sample ; much diluted.	
.....	.....	.....	40.00	.....	do good.	
.....	.....	.....	38.00	.....	do fair.	
.....	.....	.....	31.500	.....	do do	
.....	.....	.....	38.00	.....	do good.	
.....	.....	.....	33.00	.....	do do	
.....	.....	.....	41.500	.....	do do contains no methyl and amyl alcohol.	
.....	.....	.....	35.400	.....	do do	
.....	.....	.....	32.000	.....	do do	
.....	.....	.....	38.00	.....	do do	

APPENDIX C—INSPECTION OF FOOD AND LIQUORS—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor	Residence.	No. of Sample.
1887.						
Oct. 28...	M. Fiset.....	Quebec	911	F. X. Gouture	Quebec	6539
do 28...	do	do	912	do	do	6540
do 28...	do	do	913	Geo. Lambert	do	6541
do 28...	do	do	914	Alp. Desloriers	do	6542
do 28...	do	do	915	Joseph Bolduc	do	6543
do 28...	do	do	916	Thos. Robitaille	do	6544
do 28...	do	do	917	Theophile Chamberland	do	6545
do 28...	do	do	918	A. Turgeon	do	6546
do 28...	do	do	919	Theop. Parent	do	6547
do 28...	do	do	920	Michel Ladrerie	do	6548
do 28...	do	do	921	Chas. Parent	do	6549
do 28...	do	do	922	John Sutcliffe	do	6550
do 28...	do	do	923	Berube & Chourneau	do	6551
do 28...	do	do	924	Oliver Potvin	do	6552
do 28...	do	do	925	Paquet & Potvin	do	6553
do 21...	J. B. Edwards	Montreal	1254	F. S. Darche & Son	Shebrooke	3242
do 22...	do	do	1255	Jas. C. Henry	do	3243
do 24...	do	do	1256	Oliver Desrillon	do	3247
do 24...	do	do	1257	L. H. Guay	do	3244
do 24...	do	do	1258	Fortier & Therien	do	3245
do 24...	do	do	1259	H. O. Fortier	do	3246
do 24...	do	do	1260	Narcers Gasselin	Montreal	7220
do 24...	do	do	1261	Theo. Migeron	do	7221
do 24...	do	do	1262	Kneébe Grenir	do	7222
do 24...	do	do	1263	Adelard Gauthier	Three Rivers	7223
do 24...	do	do	1264	do	do	7224
do 24...	do	do	1265	Louis Bergeron	do	7225
do 24...	do	do	1266	do	do	7226
do 24...	do	do	1267	Jas Larasseur	do	7227
do 24...	do	do	1268	J. A. Riendeau	Longueuil	7228
do 24...	do	do	1269	F. X. E. Maillé	Longueuil	7229
do 24...	do	do	1270	Théop. Bourdon	do	7230
do 24...	do	do	1271	Auguste Beaudy	do	7231
do 24...	do	do	1272	Etiene Demers	do	7232
do 24...	do	do	1273	Mrs. Eti. Bernard	Montreal	7233
do 24...	do	do	1274	Mrs. Ed. Fenou	do	7234
do 24...	do	do	1275	Daniel Murray	do	7235
do 24...	do	do	1276	Jos. Meuvier	do	7236
do 24...	do	do	1277	Reni Arbour	do	7237
do 24...	do	do	1278	Napoléon Ouimet	do	7238
do 24...	do	do	1279	Thos Barry	do	7239
do 24...	do	do	1280	J. B. Fofard	do	7240
do 24...	do	do	128	D. C. Benson	do	7241
do 24...	do	do	1282	Matheu Rappel	do	7242
do 24...	do	do	1283	Alf. Symond	do	7243
do 24...	do	do	1284	Jos. pu Hatch	do	7244
do 24...	do	do	1285	Noraine Gauthier	do	7245
do 24...	do	do	1286	Joseph Holut	do	7246
Nov. 14...	F. X. Valade	Ottawa	1840	Wm. Ryan	Belleville	2428
do 14...	do	do	1841	Robt. Gibson	do	2429

DRUGS—Tabulated Statement, &c.—Continued.

WINES—Continued.

RESULTS OF ANALYSIS.						Observations and Remarks.
Specific Gravity.	Ash.	Proof Spirit.	Alcohol.		Solids.	
			Weight	Volume.		
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	
.....	.....	.....	.....	38.000	.....	Whiskey; good.
.....	.....	.....	.....	37.000	.....	do do
.....	.....	.....	.....	39.000	.....	do do
.....	.....	.....	.....	39.500	.....	do do
.....	.....	.....	.....	41.000	.....	do do slight traces of methyl alcohol.
.....	.....	.....	.....	42.000	.....	Gin; fair quality.
.....	.....	.....	.....	44.000	.....	do good; very slight traces of methylated alcohol.
.....	.....	.....	.....	40.000	.....	do do
.....	.....	.....	.....	38.000	.....	do do traces of methylated alcohol.
.....	.....	.....	.....	40.000	.....	do do
.....	.....	.....	.....	45.000	.....	do do
.....	.....	.....	.....	43.500	.....	do do
.....	.....	.....	.....	45.000	.....	do do
.....	.....	.....	.....	44.500	.....	do do
.....	.....	.....	.....	45.000	.....	do do
940	4.92	41	.....	.....	.....	do not adulterated.
960	34.00	28	.....	.....	.....	do do
967	10.00	30	.....	.....	.....	do do
965	38	31.4	.....	.....	.....	Rye whiskey; not adulterated.
951	4.20	34.8	.....	.....	.....	do do
947	4.3	36	.....	.....	.....	do do
965	2.53	21	.....	.....	.....	Whisky do
954	38	31.5	.....	.....	.....	Gin do
955	37.0	30.4	.....	.....	.....	Whisky do
955	37.5	31.5	.....	.....	.....	Gin do residue traces only,
965	33.5	27.9	.....	.....	.....	Whisky; adulterated with about half water; below standard of U. S. P.
963	31	26	.....	.....	.....	Whisky; adulterated with half water; strength of U.S.P.
955	37.25	31	.....	.....	.....	Gin; adulterated by 10 per cent. water.
945	38.5	32	.....	.....	.....	do not adulterated. (British Standard).
965	35	29	.....	.....	.....	Rye whiskey; of low standard; adulteration doubtful; 7° below par.
970	.....	.....	26	31	.....	White whiskey; adulterated with water, 1/2 strength, U. S. P.
955	.....	.....	32	38	.....	Gin; not adulterated; low standard; U. S. P.
900	.....	.....	30.75	38.75	.....	do probably adulterated with 10 to 15 p.c. water.
940	.....	.....	3.45	41.5	.....	do not adulterated.
960	.....	.....	3.07	3.67	.....	Rye whiskey; adulterated with about 30 p.c. of water.
968	.....	.....	26	35	.....	White do by over 30 do
970	.....	.....	26	31	.....	Rye do nearly 50 do
963	.....	.....	27	33	.....	White do to about 40 do
954	.....	.....	2.95	35.75	.....	Gin; below standard; adulteration doubtful.
957	.....	.....	31	37.25	.....	Rye whiskey; adulterated to about 20 p.c. of water.
940	.....	.....	3.45	41.5	.....	Gin; not adulterated.
956	.....	.....	2.95	35.75	.....	do about 10 p.c. below par; adulteration doubtful.
935	.....	.....	48	51	.....	do not adulterated; contains little sugar.
940	.....	.....	32	38.5	.....	do do weak by U. S. P.
95.35	.....	.....	3.45	40.0	.....	do do but weak.
945	.....	.....	32	38.5	.....	do not adulterated.
95.35	.....	.....	3.02	36.5	.....	do do
949	.....	.....	31	37.25	.....	do do under standard.
0.9886	0.004	55.75	26.2	32.59	0.08	Rye whiskey; adulterated with water and, perhaps, methyl alcohol; too weak in alcohol.
0.942	Trace.	81.83	39.40	46.7	0.008	Holland gin; good; traces of iron very distinct, and sulphate of lime.

APPENDIX C—INSPECTION OF FOOD AND

LIQUORS—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No of Sample.
1887.						
Nov. 14...	F. X. Valade	Kingston.	1842	Danl. Coyle.....	Belleville	2430
do 14...	do	do	1843	E. F Potts.	do	2431
do 14...	do	do	1844	Wm. Taylor	do	2432
do 14...	do	do	1845	V. Carboneau	Ottawa.....	6843
do 14...	do	do	1846	Godfrey Mareau	do	6844
do 14...	do	do	1847	Charles Daly.....	do	6845
do 14...	do	do	1848	J Goyette	do	6846
do 14...	do	do	1849	Samuel Davidson.....	do	6847
do 14...	do	do	1850	J. P. Hughes.....	Prescott	2525
do 14...	do	do	1851	J Mayberry	do	2526
do 14...	do	do	1852	P. M. McCauley	do	2527
do 14	do	do	1853	Dennis Dris coll.	do	2528
do 14...	do	do	1854	F. Trenholme.....	do	2529
do 14...	do	do	1855	A. J. Maif	Cornwall.....	3416
do 14...	do	do	856	do	do	3417
do 14...	do	do	857	George Ross.....	do	3418
do 14...	do	do	1-54	do	do	3419
do 14...	do	do	18-9	D. Cassion	do	3420
do 14...	do	do	1835	John Braddur.....	Kingston.....	2933
do 14...	do	do	18-6	Slder Bros	do	2934
do 14...	do	do	1837	Robert Campbell....	do	2935
do 14...	do	do	1838	Owen Ginnis.....	do	2936
do 14...	do	do	1839	R. J. Brown	do	2937
1888.						
Jan. 23...	W. H. Ellis	Toronto	2337	Dan Sullivan	Hamilton	1025
do 23...	do	do	2338	F. Shetter.....	do	1026
do 23...	do	do	2339	Geo Mills	do	1027
do 23...	do	do	2240	Jas. Burgess	do	1028
do 23...	do	do	2241	J. P. Harvey	do	1030
do 23...	do	do	2242	H. Bowden	do	1031
do 23...	do	do	2243	A. Dillon	do	1932
do 23...	do	do	2244	F. H. Bain	do	1033
do 23...	do	do	2145	Tbos Grimes.....	Owen Sound.....	6604
do 23...	do	do	2246	Hy. Hale	do	5605
do 23...	do	do	2247	do	do	5606
do 23...	do	do	2248	D. J. Kenny	do	5607
do 23...	do	do	2249	R. McKenny	do	5608
do 23	do	do	2250	W. S. Crowe	Toronto	4107
do 23	do	do	2251	Francis Hiason	do	4108
do 23...	do	do	2252	L. Dows & Son	do	4 09
do 23	do	do	2253	Walter Hynes	do	4106
do 23...	do	do	2254	D. C. McNaire	do	4104
do 23...	do	do	2255	A. Belmore.....	do	7021
do 23...	do	do	2256	S. Dandy	do	7022
do 23...	do	do	2257	A. Henderson	do	7023
do 23	do	do	2258	J. Kennedy	do	7024
do 23...	do	do	2259	John Evans	do	7025
do 23	do	do	2-60	E. A. Jones	do	7026

DRUGS—Tabulated Statement, &c.—Continued.

WINES—Continued.

RESULT OF ANALYSIS.							Observations and Remarks.
Specific Gravity.	Achs.	Proof Spirit.	Alcohol.		Solids.		
			Weight.	Volumes.			
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
0.9366	Traces	86.19	41.70	49.18	0.008	Holland gin; good; traces of iron and very distinct traces of sulphate of lime.	
0.9528	do	72.9	34.29	41.10	0.30	Rye whiskey; a little too weak, and contains caramel; adulterated with water and caramel.	
0.9455	do	77.96	36.83	43.87	0.08	Holland gin; good; traces of iron and sulphuric acid.	
0.9629	0.02	56.82	26.73	32.49	0.06	Whisky; too weak in alcohol, adulterated with water.	
0.9616	Traces.	56.55	26.80	32.27	0.82	do sugar added and methyl alcohol detected.	
0.9144	do	81.21	38.55	45.75	0.55	Gin; good; solids consist chiefly of sugar.	
0.9546	do	71.67	34.16	40.88	0.18	do traces of iron and sulphate of lime.	
0.96055	do	62.22	29.40	35.50	0.6	Gin; too weak in alcohol; should contain 65 p. c. proof spirit.	
0.9408	do	81.15	39.58	46.85	0.006	Pure gin; good; traces of iron and sulphate of lime.	
0.92925	do	91.06	41.82	52.48	0.006	do evident traces of iron and sulphate of lime.	
0.9408	do	81.15	39.58	46.88	0.003	do traces of iron and sulphate of lime.	
0.9669	do	52.93	24.07	30.21	0.093	Whiskey; adulterated with water should contain 75 p. c. proof spirit.	
0.9676	do	50.26	23.56	28.68	0.124	Whiskey; adulterated. about 25 p. c. water.	
0.9388	do	46.9	21.9	26.77	0.04	Gin; adulterated with water and plastered.	
0.9741	do	6.50	32.61	38.80	0.10	Whiskey; Below English Standard.	
0.9574	do	64.23	30.41	36.63	0.008	Gin; a fair sample. not quite to standard.	
0.9635	do	57.53	27.09	32.86	0.25	Whiskey; too weak in alcohol.	
0.9537	do	69.40	33.00	39.61	0.026	Gin; fair; traces of sulphate of lime.	
0.9144	do	66.55	31.57	37.98	0.034	Rye whiskey; too weak; should contain at least 75 p. c. proof spirit.	
0.9174	do	76.67	36.73	43.75	0.27	Holland gin; good; traces of iron and sulphate of lime.	
0.9431	do	83.10	33.50	45.71	0.29	do	
0.912	do	85.22	41.20	48.6	0.91	Whiskey; adulterated with sugar and the presence of methyl alcohol detected.	
0.93687	do	85.34	41.25	48.69	0.018	Holland gin; good; traces of iron and sulphate of lime.	
.....	.....	.....	.....	.....	.....	Gin; not adulterated.
.....	.....	.....	.....	.....	.....	Holland gin; not adulterated.
.....	.....	.....	.....	.....	.....	Rye whiskey do
.....	.....	.....	.....	.....	.....	Tom gin do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	Rye whiskey do
.....	.....	.....	.....	.....	.....	Whiskey do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	Rye whiskey do
.....	.....	.....	.....	.....	.....	Gin do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	Whiskey do
.....	.....	.....	.....	.....	.....	Holland gin do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	Whiskey do
.....	.....	.....	.....	.....	.....	Holland gin do
.....	.....	.....	.....	.....	.....	Whiskey do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	Gin do
.....	.....	.....	.....	.....	.....	Whiskey do
.....	.....	.....	.....	.....	.....	Gin do
.....	.....	.....	.....	.....	.....	do do

APPENDIX C—INSPECTION OF FOOD AND

LIQUORS—

Date.	Name of Analyst.	District.	No. of Analyt.'s Report.	Vendor.	Residence.	No. of Sample.
1887.						
Jan. 23...	W. H. Ellis.	Ottawa	2261	M. McAuliff	Toronto	7027
do 23...	do	do	2262	M. B. Woodbury	do	7028
do 23...	do	do	2263	W. Parkhill	do	7029
do 23...	do	do	2264	J. Herbert	do	7030
do 23...	do	do	2274	John Hefferman	Guelph	
do 23...	do	do	2275	Dr. Hefferman	do	
do 23...	do	do	2276	John Hogan	do	
do 23...	do	do	2277	Richard Cody	do	
do 23...	do	do	2278	C. Saunck	do	
do 23...	do	do	2279	John Stewart	do	
May 19...	do	do	2517	J. R. Lee	Toronto	64
do 29...	do	do	2518	C. D. Daniel & Co.	do	65
do 29...	do	do	2519	H. Miller	do	66
do 29...	do	do	2520	R. Deyell	Port Hope	7107
do 29...	do	do	2521	G. A. Mitchell	do	7109
Jan 7...	J. E. Wright	Manitoba	2816	Rasil Gerald	Port Arthur	3904
do 7...	do	do	2817	W. J. Schuryler	do	3906
do 7...	do	do	2818	A. Sylvain	Winnipeg	5744
do 7...	do	do	2819	Z. Saporte	do	5746
do 7...	do	do	2820	Z. Ashburne	do	5748
do 7...	do	do	2821	M. Ripstein	do	5750
do 7...	do	do	2822	R. McBean	do	5751
do 7...	do	do	2823	Chas. Pilling	do	5755
do 7...	do	do	2824	A. Mulloy	do	5757
do 17...	do	do	2825	T. Selaurveau	do	5761
do 17...	do	do	2826	Basil Gerald	Port Arthur	3905
do 17...	do	do	2827	W. J. Schuryler	do	3907
do 17...	do	do	2828	Danl. Campbell	do	3908
do 17...	do	do	2839	A. Sylvain	Winnipeg	5745
do 17...	do	do	2839	Z. Saporte	do	5747
do 17...	do	do	2811	M. Ripstein	do	5749
do 17...	do	do	2834	Rodger & Co	do	5752
do 17...	do	do	2833	B. Moffatt	do	5753
do 17...	do	do	2832	R. McBean	do	5752
do 17...	do	do	2835	Chas. Edie	Brandon	5756
do 17...	do	do	2836	F. A. Tamblin	do	5768
do 17...	do	do	2837	R. P. Milligan	do	5759
do 17...	do	do	2878	A. Kelly	do	5760
do 17...	do	do	2839	G. Ariel	Winnipeg	5762
do 17...	do	do	2840	F. Manday	do	5763

DRUGS—Tabulated Statement, &c.—Continued

WINES—Conclude 1

RESULTS OF ANALYSIS						Observations and Remarks.
Specific Gravity.	Ash.	Proof Spirit.	Alcohol.		Solids.	
			Weight.	Volume.		
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	
.....	.....	.....	.....	.....	.....	Whiskey ; not adulterated.
.....	.....	.....	.....	.....	.....	Gin do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	Whiskey do
.....	.....	.....	.....	.....	.....	Gin do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	do do
.....	.....	.....	.....	.....	.....	do do
.....	89.7	.....	.....	.....	.....	3pt. vini recli.; genuine.
.....	88.5	.....	.....	.....	.....	do do
.....	89.5	.....	.....	.....	.....	do do
.....	89.0	.....	.....	.....	.....	do do
.....	89.6	.....	.....	.....	.....	do do
9.9.04	.001	.....	29.20	36.53	1.93	Genuine; solids excessive.
9.71.34	0.035	.....	20.25	24.78	.92	Whisky; genuine.
9.9.80	.018	.....	28.87	34.92	2.07	Rye Whisky do
9.61.10	.004	.....	27.93	33.81	.446	do do
9.87.10	.004	.....	30.44	36.70	.106	do do
9.59.90	.008	.....	21.38	26.12	.51	do do
9.65.30	.005	.....	24.92	30.30	.62	do do
9.66.60	.01	.....	23.92	29.12	1.04	do do a pure spirit.
9.88.70	.009	.....	29.36	38.46	.138	do do
9.55.40	.006	.....	31.31	37.88	.516	Whisky do
.9835	.004	.....	26.20	31.60	.012	Geneva Gin do
.9600	.004	.....	23.66	31.54	.012	do do
.9628	.002	.....	25.86	31.41	.037	do not pure; containing a quantity of aldehyde, which must be considered adulterated.
.9581	.002	.....	29.87	36.05	.008	Gin; genuine; free from drugs.
.9523	.003	.....	33.18	37.46	.012	do not adulterated.
.9.88	.006	.....	29.20	35.27	.047	Holland Gin; not adulterated.
.9562	.003	.....	31.00	36.09	.516	do do of solids, crystallized sugar, extract of vanilla.
.9636	.018	.....	28.20	31.80	.274	Tom Gin; not adulterated.
.9556	.005	.....	31.31	37.69	.080	Gin do
.9685	.010	.....	22.46	27.40	.234	Holland Gin do
.9887	.012	.....	31.31	37.69	.416	Gin do of solids, was composed of sugar (crys) and other flavoring matter.
.9633	.006	.....	26.20	31.79	4.148	Tom Gin; genuine.
.9798	.008	.....	23.87	31.89	4.73	do do
.9483	.002	.....	35.23	42.11	.008	Holland Gin do
.9.87	.001	.....	35.50	42.40	.004	do do

APPENDIX C—INSPECTION OF FOOD AND SPICES—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1888.						
Jan. 13...	M. Bowman	Nova Scotia.....	89	John Shea	Halifax	7615
do 13...	do	do	90	Hidley V. Wier.....	do	7621
do 13...	do	do	91	Davidson Bros	do	7625
1887.						
Dec. 8...	W. F. Best.....	New Brunswick	448	L. E. DeForest.....	St. John.....	6202
do 8...	do	do	451	F. J. McPherson	do	6208
1888.						
Jan. 18...	M. Fiset	Quebec.....	947	A. Waters.....	Quebec.....	6575
do 13...	do	do	950	A. Grenier	do	6578
do 2...	J. B. Edwards	Montreal.....	1299	Currie Bros	Montreal.....	7259
do 2...	do	do	1303	C. C. Wright	do	7263
do 2...	do	do	1304	Decary Bros.....	do	7264
1887						
Dec. 30...	F. X. Valade.....	Kingston	1879	E. Paradis	Ottawa.....	6967
do 30...	do	do	1880	Kennedy & Co.....	do	6868
1888.						
May 7...	W. H. Ellis	Toronto	372	W. W. Playton.....	Newmarket.....	7043
do 7...	do	do	380	K. Chisholm & Co...	Brampton.....	7054
do 7...	do	do	385	Jos Tomlin.....	do	7060
Feb. 15...	J. E. Wright	Manitoba	2859	B. Moffatt.....	Winnipeg.....	5777
do 15...	do	do	2860	Kie & Hague	do	5783

SPICES—

1888.						
Jan. 13...	M. Bowman.....	Nova Scotia.....	94	J. J. S. Kerry	Halifax	7614
do 13...	do	do	95	Thos. Major.....	do	7618
do 13...	do	do	96	Dillen Bros.....	do	7620
1887.						
Dec. 8...	W. F. Best.....	New Brunswick.	449	R. D. Logan	St. John	6203
do 8...	do	do	455	Wm. Kennedy.....	do	6209
do 29...	M. Fiset	Quebec.....	941	J. O'Donnell.....	Quebec	6569
do 29...	do	do	943	A. A. Cantin.....	do	6571
1888.						
Jan. 4...	J. B. Edwards.....	Montreal.....	1302	O. C. Wright.....	Montreal.....	7262
do 4...	do	do	1309	Decary Bros	do	7269
do 4...	do	do	1315	Jos. Carrol.....	do	7275
1887.						
Dec. 30...	F. X. Valade	Kingston	1877	O. Sequin	Ottawa	6865
do 30...	do	do	1878	J. T. Madore.....	do	6866
1888.						
May 7...	W. H. Ellis.....	Toronto.....	369	R. J. Davison	Newmarket	7139
do 7...	do	do	374	J. H. Dalis	do	7046
do 7...	do	do	383	John Clarke.....	Brampton	7058
Feb. 15...	J. E. Wright.....	Manitoba.....	2866	Geo. Adam.....	Winnipeg	5774
do 15...	do	do	2857	M. Ripstein.....	do	5779

DRUGS—Tabulated Statement, &c.—Continued.

GINGER.

RESULT OF ANALYSIS.			Observations and Remarks.
Moisture.	Oleo Resin.	Ash.	
p. c.	p. c.	p. c.	
9.73	3.58	8.04	Ginger only; not adulterated.
9.70	4.35	6.95	do do
10.20	3.85	6.77	do do
.....	.....	.....	Contains 20 per cent. turmeric; adulterated.
.....	.....	.....	do 40 do flour and turmeric; adulterated.
5.500	12.200	4.800	Adulterated by starch and turmeric.
7.260	18.300	3.960	do do
7.0	6.8	3.8	do contains starch, turmeric and cayenne.
4.2	12.4	2.8	do do do
7.4	8.	2.4	Genuine ginger.
9.00	5.80	2.92	Good.
9.30	5.54	3.54	do
6.95	.....	4.17	Genuine.
7.35	.....	3.85	do
7.00	.....	3.55	Flour; adulterated.
7.69	9.39	2.80	Genuine.
11.22	7.97	2.97	Genuine; of fair quality.

CLOVES.

17.12	24.64	7.24	Cloves only; not adulterated
11.47	15.60	7.84	Adulterated; contains a large amount of flour.
20.67	21.28	6.49	Cloves only.
.....	.....	.....	Not adulterated.
.....	.....	.....	Adulterated by removal of oil.
11.300	13.900	5.200	do with starch.
10.900	10.700	3.500	do do
6.6	10.0	5.2	do with maize and other starch.
3.6	14.1	9.0	do contains wood fibre.
5.6	10.0	5.8	do do
6.84	10.26	3.36	do adulterated with wheat flour.
9.06	17.32	6.60	do do
12.50	.....	7.50	do clove stalks.
13.05	.....	6.50	do starch.
11.87	.....	7.02	do contains stalks.
9.13	4.51	8.39	Genuine.
9.58	8.87	5.58	Adulterated; contains roasted grain.

APPENDIX C—INSPECTION OF FOOD AND

SPICES—

Date.	Name of Analyst.	District.	No of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1888.						
Jad. 13...	M. Bowman.....	N.S. and P.E.I .	92	E. S. Hurley.....	Halifax	7628
do 13...	do	do	93	John Hogan.....	do	7629
1897.						
Dec. 8...	W. F. Best	New Brunswick.	476	Dearborn & Co.....	St. John.....	6190
1888.						
Jan. 18...	M. Fiset	Quebec.....	946	A. Waters.....	Quebec.....	6574
do 2...	J. B. Edwards.....	Montreal.....	1298	Currie Bros.	Montreal.....	7258
1887.						
Dec. 30...	F. X. Valade.....	Kingston.....	1884	I. Shanley	Ottawa.....	6872
1888.						
May 7...	W. H. Ellis.....	Toronto.....	370	Sutherland Bros. ...	Newmarket.....	7040
Feb 15...	J. E. Wright.....	Manitoba.....	2862	F. Letourneau.....	Winnipeg	5771

CINNA

1888.						
Jan. 13...	M. Bowman.....	Nova Scotia.....	99	W. H. Simpson.....	Halifax.....	7612
do 13...	do	do	100	Jas. Scott & Co.....	do	7622
do 13...	do	do	101	John A. Gass.....	do	7623
do 13...	do	do	102	L. E. Brookes.....	do	7632
1887.						
Dec. 8...	W. F. Best.....	New Brunswick.	447	Irwin & King.....	St. John.....	6201
do 8...	do	do	453	I. P. Freeman	do	6207
do 29...	M. Fiset.....	Quebec.....	940	J. O'Donnel	Quebec.....	6568
do 29...	do	do	942	A. A. Cantin.....	do	6570
1889.						
Jan. 2...	J. B. Edwards	Montreal.....	1297	Currie Bros.....	Montreal.....	7257
do 2...	do	do	1301	C. C. Wright.....	do	7261
do 2...	do	do	1310	Decary Bros.....	do	7270
1887.						
Dec. 30...	F. X. Valade.....	Kingston.....	1875	L. M. Loyer.....	Ottawa.....	6863
do 30...	do	do	1876	O. Stratton.....	do	6864
1888.						
May 7...	W. H. Ellis.....	Toronto.....	371	Buntin Bros.....	Toronto.....	7042
do 7...	do	do	373	T. J. O'Malley	do	7045
do 7...	do	do	381	Fbos. McComb	do	7055
Feb. 15...	J. E. Wright.....	Manitoba.....	2854	F. Letourneau.....	Winnipeg.....	5770
do 15...	do	do	2855	Geo. Adam.....	do	5775

DRUGS—Tabulated Statement, &c.—Continued.

ALLSPICE.

RESULTS OF ANALYSIS.			Observations and Remarks.
Moisture.	Oleo Resin	Ash.	
p. c.	p. c.	p. c.	
9.25	20.88	4.93	Allspice only.
8.85	19.85	3.92	do
.....	.....	.....	Not adulterated.
8.000	19.600	4.400	
7.4	13.6	7.2	Not adulterated; a little starch.
6.80	11.44	4.56	Adulterated with wheat flour.
5.47	.....	4.52	Adulterated by pea starch.
10.89	6.53	6.87	Genuine, but of poor quality.

MON.

8.63	11.57	2.51	Adulterated by substitution of cassia.
9.05	12.68	2.85	do do
9.00	15.35	3.55	do do
8.80	15.40	2.78	do do
.....	.....	.....	A mixture of cinnamon, cassia and starch.
.....	.....	.....	Adulterated by about 60 p. c. of cassia.
8.300	18.000	2.800	do starch and cassia.
8.600	15.000	2.400	do do
7.4	4.0	.52	do (if sold as pure) by cassia, ground.
7.6	14.8	.38	do about 10 p. c. starch and cassia.
7.6	.60	.38	do contains cassia and also wheat flour.
8.14	12.54	5.06	Good.
9.00	12.30	4.70	do
6.00	.....	5.15	Not adulterated.
5.45	.....	2.89	Ground cassia.
6.00	.....	3.15	do
4.74	5.97	3.89	Adulterated; a little sample moisture with forms of glutinous paste.
8.71	6.84	2.59	Genuine.

APPENDIX C—INSPECTION OF FOOD AND
SPICES—

Date.	Name of Analyst.	District.	No of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1887.						
Dec. 29...	M. Bowman	Nova Scotia	71	Chas. H. Harvey.....	Halifax	7601
do 29...	do	do	72	C. & W. Anderson...	do	7602
do 29...	do	do	73	W. A. Schwartz & Son	do	7603
do 29...	do	do	74	Ed W. Crease	do	7605
do 29...	do	do	75	W. Schwartz & Son.	do	7604
do 29...	do	do	76	Ed W. Crease	do	7606
do 29...	do	do	77	Forseythe, Sutcliff & Co.	do	7608
do 29...	do	do	78	Phos. Major	do	7611
do 29...	do	do	79	Forseythe, Sutcliff & Co.	do	7607
do 29...	do	do	80	W. J. Hopgood	do	7609
do 28...	M. F. Best	New Brunswick.	440	Puddington & Merritt	St. John	6194
do 28...	do	do	441	do	do	6195
do 28...	do	do	442	D. Breezes	do	6196
do 28...	do	do	413	do	do	6199
do 28...	do	do	444	W. A. McGee	do	6198
do 28...	do	do	446	Vanwart Bros	do	6200
do 28...	do	do	450	Scott Bros	do	6204
do 28...	do	do	451	do	do	6205
do 24...	W. Fiset.....	Quebec.	931	David Waters	Quebec	6560
do 24...	do	do	913	do	do	6561
do 24...	do	do	935	James Miller.....	do	6563
do 24...	do	do	934	do	do	6564
do 24...	do	do	937	Hardy & Drolet.....	do	6565
do 24...	do	do	938	do	do	6566
do 24...	do	do	939	J. O'Donnel	do	6567
do 24...	do	do	914	D. W. Irone	do	6572

DRUGS - Tabulated Statement, &c. - *Continued.*

PEPPER.

RESULTS OF ANALYSIS.			Observations and Remarks.
Resin Ex-tract.	Moisture.	Ash.	
p. c.	p. c.	p. c.	
8.30	9.00	19.84	Adulterated by various starches; cayenne, mustard husks.
10.38	10.30	8.25	do flour.
10.87	11.35	15.61	do very little starch; large excess of ash.
10.35	8.90	18.18	do flour; contains large excess of ash.
10.60	9.50	1.32	Genuine.
7.85	10.55	11.40	Adulterated; flour; contains large excess of ash.
10.45	11.80	1.25	Genuine.
10.35	11.70	1.33	do
18.60	5.80	4.80	do
17.30	6.85	4.75	Adulterated with flour.
.....	.....	4.15	Adulterated with 20 per cent. flour; contains starch granules.
.....	.....	4.25	do with a small amount of outer husks.
.....	.....	3.20	do do do
.....	.....	5.40	Genuine.
.....	.....	6.10	Adulterated to a slight extent.
.....	.....	.....	Genuine; cayenne pepper.
.....	.....	.....	do
.....	.....	.....	Adulterated with pepper husks.
alcohol extract			
8.000	9.800	1.600	Adulterated by addition of starch.
14.200	7.800	14.300	do do
11.700	10.600	6.800	Quantity of starch fibres.
8.900	11.200	1.000	Adulterated by addition of starch.
9.600	9.400	10.700	do with magnetic sand.
8.400	8.600	1.900	do with starch
32.900	8.300	4.800	do with magnetic sand.
14.000	7.700	9.000	do starch, large quantities.

APPENDIX C—INSPECTION OF FOOD AND

SPICES—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.
1868.					
Jan. 2...	J. B. Edwards.....	Montreal.....	1296	Currie Bros.....	Montreal.....
do 2...	do	do	1300	C. O. Wright.....	do
do 10...	do	do	1306	Decary Bros.....	do
do 10...	do	do	1307	do	do
do 12...	do	do	1308	do	do
do 14...	do	do	1311	do	do
do 14...	do	do	1312	F. P. Moran.....	do
do 14...	do	do	1313	do	do
do 16...	do	do	1314	Jos Carroll.....	do
do 25...	do	do	1316	Willison Bros.....	do
1887.					
Dec. 30...	F. X. Valade.....	Kingston.....	1860	McLeod & Co.....	Ottawa.....
do 30...	do	do	1861	Wm. Wall.....	do
do 30...	do	do	1862	Charlebois et Frère.....	do
do 30...	do	do	1863	Wm. Wall.....	do
do 30...	do	do	1864	McLeod & Co.....	do
do 30...	do	do	1865	Charlebois et Frère.....	do
do 30...	do	do	1866	do	do
do 30...	do	do	1867	Eb. Browne.....	do
1888.					
May 7...	W. H. Ellis.....	Toronto.....	364	A. Roberston.....	Newmarket.....
do 7...	do	do	365	J. J. Bailey.....	do
do 7...	do	do	366	R. A. Smith.....	do
do 7...	do	do	267	E. B. Compton & Co.....	do
do 7...	do	do	368	J. R. Mader.....	do
do 7...	do	do	376	W. E. Milner & Co.....	Brampton.....
do 7...	do	do	377	Jos. Sutcliff & Son.....	do
do 7...	do	do	378	P. A. Orandell.....	do
do 7...	do	do	379	K. Chisholm & Co.....	do
do 7...	do	do	382	John Clarke.....	do
Feb 7...	J. E. Wright.....	Manitoba.....	2848	Turner & Despars.....	Winnipeg.....
do 7...	do	do	2849	F. Letourneau.....	do
do 7...	do	do	2850	Geo Adam.....	do
do 7...	do	do	2851	Turner & Despars.....	do
do 7...	do	do	2852	M. R pstein.....	do
do 7...	do	do	2853	Hodges & Co.....	do
do 15...	do	do	2863	Turner & Despars.....	do
do 15...	do	do	2864	Kie & Hague.....	do

DRUGS—Tabulated Statement, &c — *Continued.*

PEPPER.

No. of Sample.	RESULTS OF ANALYSIS.			Observations and Remarks.
	Moisture.	Resin Ex-tract.	Ash.	
	p. c.	p. c.	p. c.	
7256	7.2	6.07	8.2	Adulterated; contains 20 p. c. wheat starch.
7260	10.8	6.47	4.0	Genuine.
7266	8.2	11.2	2.8	Adulterated; contains cereals, starch and millings.
7267	8.4	8.4	4.8	do do do to 20 p. c.
7268	3.6	14.1	5.5	Adulteration doubtful; some starch and millings.
7271	6.4	6.8	13.2	Adulterated; cereal, starch, millings and excess of sand.
7272	6.6	13.6	11.2	do large amount of starch and millings.
7273	4.0	6.0	5.0	Genuine, but low quality.
7274	6.8	13.2	3.2	do
7276	.6	5.5	3.0	Adulterated by Indian corn and millings to 30 p. c.
6848	7.91	11.34	15.30	Sand, 8.64 per cent; adulterated by flour, earthy matter and sand.
6849	8.18	9.64	13.16	Sand, 7.04 do do do do
6850	9.12	9.44	12.40	Sand, 6.90 do do do do
6851	8.75	8.42	2.49	Largely adulterated with wheat flour.
6852	10.53	8.65	1.89	do do
6853	9.76	9.50	3.42	do do
6854	4.49	28.90	5.41	Good cayenne pepper.
6855	6.74	17.06	6.53	Cayenne pepper, contains Ferric oxide, 1.91 p. c.; sulphate of lime, 2.19 p. c.; wheat flour and turmeric, 30 p. c.; adulterated.
7032	6.50	.....	8.20	Genuine.
7034	5.12	.....	4.30	Adulterated by a mixture of flour.
7136	7.75	.....	2.90	Contains a little flour.
7037	7.25	.....	2.80	Adulterated by a mixture of flour and cayenne.
7038	4.60	8.80	6.95	do do 50 p. c. corn starch.
7048	6.07	.....	15.95	Not adulterated; pure.
7049	6.95	.....	11.90	do
7051	6.85	.....	2.10	Adulterated by a mixture with flour.
7053	7.15	.....	1.30	Not adulterated.
7057	4.30	10.40	5.90	Adulterated by a mixture of 40 p. c. of flour and corn starch.
5764	5.73	7.27	6.66	Not pure; shows capsicum, mustard husks, millings to 25 p. c.
5772	4.03	8.24	2.40	do wheat flour an excess of pepper husks.
5773	6.21	7.76	5.75	Genuine.
5765	7.79	4.33	2.34	Not pure; capsicum present.
5778	9.06	3.19	5.58	do wheat flour and a large amount of millings.
5785	6.95	7.09	2.02	Genuine and of fair quality.
5766	4.24	12.24	4.80	do
5782	5.14	14.35	5.64	do

APPENDIX C—INSPECTION OF FOOD AND
SPICES—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.
1888.					
Jan. 15...	M. Bowman	Nova Scotia	98	T. F. Courtney	Halifax
1887.					
Dec. 8...	W. F. Best	New Brunswick.	459	Jardine & Co	St. John.....
1888					
Jan. 3...	M. Fiset	Quebec	948	A. Waters	Quebec
do 3...	do	do	949	A. Grenier.....	do
do 26...	J. B. Edwards	Montreal	1317	S. McA. S. Ewing	Montreal.....
do 26...	do	do	1318	J. J. Duffy & Co	do
1887.					
Dec. 30...	F. X. Valade	Ottawa	1881	C. Stratton	Ottawa.....
do 30...	do	do	1882	George Forde	do
1888					
May 7...	W. H. Ellis	Toronto	384	John Rannie	Brampton
do 7...	do	do	386	A. M. Sinclair	Toronto.....
Feb. 15...	J. E. Wright	Manitoba.....	2558	Hodges & Co	Winnipeg

MACE.

1888.					
Jan. 13...	M. Bowman	Nova Scotia	97	R. Urquhart & Son	Halifax
1887.					
Dec. 8...	W. F. Best	New Brunswick.	439	Jardine & Co	St. John.....
1888.					
Jan. 18...	M. Fiset	Quebec	915	A. Waters	Quebec
do 6...	J. B. Edwards	Montreal.....	1305	Decary Bros.....	Montreal.....
1887.					
Dec. 30...	F. X. Valade	Kingston	1883	Eb. Brown.....	Ottawa
1888.					
May 7...	W. H. Ellis.....	Toronto.....	375	W. E. Milner & Co	Toronto.....
Feb. 18...	J. E. Wright	Manitoba.....	2861	Hodges & Co	Winnipeg

DRUGS—Tabulated Statement, &c.—Continued.

NUTMEGS.

No. of Sample.	RESULTS OF ANALYSIS.			Observations and Remarks.
	Moisture.	Resin Ex. tract.	Ash.	
	p. c.	p. c.	p. c.	
7631	7.83	39.10	3.56	Not adulterated.
6213	.....	.....	.....	Pure ; contains nothing.
6578	10.700	33.400	.....	Genuine.
6579	10.100	36.300	.....	do
7277	4.0	1.76	.22	Adulterated by roasted corn and bread crumbs to about 40 p.c.
7278	5.4	2.72	.32	Genuine.
6819	5.20	37.30	2.82	Good
6870	5.94	32.42	5.18	Adulterated by wheat flour.
7053	6.70	32.80	3.40	Genuine.
7062	11.45	36.12	2.85	do
6786	8.11	18.24	3.00	do
7610	10.48	24.05	2.11	Not adulterated.
6191	.....	.....	.....	do no mixture detected.
6573	4.500	29.100	.....	Genuine.
7265	5.6	22.8	2.4	Adulterated ; contains cereal starch, 30 to 40 p.c.
6871	8.08	32.26	2.23	Adulterated ; a small amount of wheat flour.
7047	7.15	3.35	19.35	do by a mixture with flour.
6787	10.26	13.55	1.78	do by starch and tumeric to the extent of 50 p.c.

APPENDIX C—INSPECTION OF FOOD AND

M U S

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1887.						
Dec. 29...	M. Bowman.....	Nova Scotia.....	81	John Courtney	Halifax.....	7613
do 29...	do	do	82	John Baker	do	7616
do 29...	do	do	83	Robt. T. Forrestall	do	7617
do 29...	do	do	84	Thos. S. Lownds.....	do	7619
do 29...	do	do	85	W. B. Spencer.....	do	7624
do 29...	do	do	86	John D. Greenway.....	do	7626
do 29...	do	do	87	R. N. McDonald	do	7627
do 29...	do	do	88	Martin Flinn.....	do	7630
do 8...	W. F. Best.....	New Brunswick.	456	Tippett, Burdett & Co....	St. John.....	6210
do 8...	do	do	438	Geo. Robertson & Co.....	do	6192
do 8...	do	do	439	Taylor & Dockville.....	do	6193
do 8...	do	do	445	W. A. McGee.....	do	6199
do 8...	do	do	452	W. A. Porter.....	do	6206
do 8...	do	do	457	Tippett, Burdett & Co....	do	6211
do 8...	do	do	458	G. A. Parker	do	6212
do 15...	M. Fiset.....	Quebec.....	926	D. Martinette.....	Quebec.....	6554
do 15...	do	do	927	Jos. Darveau	do	6555
do 15...	do	do	928	A. A. Cantin	do	6556
do 15...	do	do	929	A. Barry	do	6557
do 15...	do	do	930	Art Drolet.....	do	6558
do 15...	do	do	931	Art Drolet.....	do	6559
do 15...	do	do	934	David Waters	do	6562
do 20...	J. B. Edwards.....	Montreal.....	1287	P. E. Garrison & Co	Montreal	7247
do 20...	do	do	1288	Thos. Gauthier.....	do	7248
do 21...	do	do	1289	do	do	7249
do 21...	do	do	1290	do	do	7250
do 21...	do	do	1291	P. Lagarde & Co.....	do	7251
do 21...	do	do	1292	do	do	7252
do 21...	do	do	1293	do	do	7253
do 21...	do	do	1294	Joseph Casson.....	do	7254
do 21...	do	do	1295	do	do	7255
Dec. 30...	F. X. Valade.....	Kingston.....	1868	McLeod & Co	Ottawa.....	6856
do 30...	do	do	1869	O. Seguin	do	6857
do 30...	do	do	1870	J. T. Madore.....	do	6858
do 30...	do	do	1871	E. Paradis.....	do	6879
do 30...	do	do	1872	L. N. Loyer.....	do	6860
do 30...	do	do	1873	Kennedy & Co.....	do	6861
do 30...	do	do	1874	James Stanly	do	6862
1888.						
Feb. 28...	W. H. Ellis.....	Toronto.....	2265	Andy Robertson.....	Newmarket.....	7031
do 28...	do	do	2266	J. J. Bailey	Toronto.....	7033
do 28...	do	do	2267	R. A. Smith	do	7035
do 28...	do	do	2268	Bunton Bros.....	do	7041
do 28...	do	do	2269	M. Lundy	do	7044
do 28...	do	do	2270	Joseph Sutcliffe & Son....	do	7050
do 28...	do	do	2271	E. H. Crandell.....	do	7052
do 28...	do	do	2272	Mrs. Edwards.....	do	7056
do 28...	do	do	2273	J. A. Wilson.....	do	7061
Jan. 17...	J. E. Wright.....	Winnipeg.....	2841	Turner & Despars.....	Winnipeg.....	5767

DRUGS—Tabulated Statement, &c.—Continued.

TARD.

RESULTS OF ANALYSIS.				Observations and Remarks.
Oil.	Moisture.	Ash.	Farina.	
p. c.	p. c.	p. c.	p. c.	
13.60	7.35	5.12	.....	Adulterated: below standard; flour.
21.30	7.00	2.77	.....	Up to standard; contains flour.
23.90	6.25	3.00	.....	do do
22.20	6.45	2.98	.....	do do
22.45	5.87	3.08	.....	do do
20.55	6.90	6.43	.....	do being deficient in fixed oil.
22.95	7.53	2.95	.....	do contains flour.
22.5	6.50	2.90	.....	do do
.....	.....	.....	.....	Adulterated; contains 40 p. c. flour and tumeric.
.....	.....	.....	.....	Not adulterated; genuine.
.....	.....	.....	.....	Adulterated by flour and tumeric to 26 50.
.....	.....	.....	.....	do tumeric and starch to 60 p. c.
.....	.....	.....	.....	Contains 60 p. c. flour; marked compound.
.....	.....	.....	.....	Adulterated by flour and tumeric to 60 p. c.
.....	.....	.....	.....	do do 65 p. c.
22.000	5.600	3.000	.....	Adulterated by addition of starch.
22.800	5.700	2.900	.....	do do
27.000	5.000	3.600	.....	do do
20.000	6.400	2.600	.....	do do
22.800	5.000	3.500	.....	Pure; very few cells of starch; accidentally, not fraudulently mixed.
12.000	9.500	4.700	.....	Adulterated by flour, curcumas, starch to 70 and 75 p. c.
34.240	4.100	3.400	.....	Good; starch mixed in very small quantities.
10	2	4.7	5.0	Adulterated under the regulation G. 120, 1884; large proportion wheat starch.
56	4	3.04	5.0	Not adulterated; contains cayenne pepper and salt.
1.60	22	48	.....	Not adulterated; contains cayenne and salt.
16.4	4	4.16	5.0	Contains turmeric and cayenne.
12.4	4.18	5.5	6.0	Adulterated; contains cake, turmeric, cayenne and salt.
8.4	7.6	4.0	5.0	Not adulterated; contains cayenne and turmeric.
20	6.2	6	5.0	Adulterated; contains turmeric and cayenne
14.8	6.8	7.6	5.0	do do farina, turmeric and cayenne.
16	6.8	7.8	5.0	do do do do
32.48	4.46	3.66	.....	Good; beans and wheat flour, about 8 p. c.
7.6	8.66	3.30	.....	Adulterated with about 80 p. c. of wheat and tapioca flour, and potato starch.
11.66	6.76	4.38	.....	Adulterated with wheat, turmeric and fibres, 70 p. c.
13.73	7.50	2.80	.....	do do flour and turmeric, about 60 p. c.
7.68	9.00	3.6	.....	do do fibres, turmeric, potato arrow root, about 80 p. c.
30.5	4.76	3.40	.....	A fair mustard; wheat, flour and turmeric, about 14 p. c.
21.24	4.74	3.52	.....	do do do 40 p. c.
20.00	4.20	5.65	.....	Genuine mustard.
23.37	3.90	3.10	.....	About 30 to 40 p. c. flour, turmeric and starch.
33.85	5.02	3.87	.....	Genuine; very little flour.
23.37	3.95	37.10	.....	Mustard mixed with between 30 to 40 p. c. flour.
13.62	3.15	23.25	.....	Adulterated by being mixed with flour and gypsum.
11.39	4.85	3.40	.....	do do do flour.
8.52	5.30	3.10	.....	do do do over 40 p. c. wheat flour.
20.42	4.20	.....	.....	Genuine Mustard, from which about half the fixed oil has been removed.
14.80	4.75	6.26	.....	Mustard mixed with under 40 p. c. of wheat flour.
9.24	6.46	2.43	.....	As represented, a compound, containing about 25 p. c. of mustard and made up of turmeric and flour.

APPENDIX C—INSPECTION OF FOOD AND
MUSTARD

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Vendor.	Residence.	No. of Sample.
1888.						
Jan. 17...	J. E. Wright.. ..	Winnipeg.....	2842	Turner & Despars.....	Winnipeg.....	5768
do 17...	do	do	2843	F. Letourneau	do	5769
do 17...	do	do	2844	B. Moffatt.....	do	5776
do 17...	do	do	2845	M. Ripstein	do	5780
do 17...	do	do	2846	do	do	5781
do 17...	do	do	2847	Kie & Hogue.....	do	5784

DRUGS—Tabulated Statement, &c.—Continued.

Concluded.

RESULT OF ANALYSIS.				Observations and Remarks.
Oil.	Moisture.	Ash.	Farina.	
p. c.	p. c.	p. c.	p. c.	
31.34	4.78	3.93	.....	Shows a small quantity of flour present.
8.48	6.36	2.64	.....	Adulterated, although sold as not pure, shows flour and turmeric.
36.40	3.82	3.92	.....	Genuine flour the only foreign substance contained.
34.56	3.78	3.89	.....	Genuine; flour present in compound shows only a small percentage in coloring matter.
11.48	7.06	4.25	.....	Adulterated; contains flour and turmeric.
24.30	5.40	5.75	.....	Genuine; mustard deficient in fixed oils, shows a minute quantity of coloring matter.

APPENDIX C—INSPECTION OF FOOD AND WATER.

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Source.	—	No of Sample.	In parts	
							TOTAL SOLIDS.	
							Dry at 100° C.	Loss on igni- tion.
							p. c.	p. c.
1888.								
April 21	M. Bowman	Nova Scotia	103	From Long Lake.	Halifax	1	2.3	1.6
do 21	do	do	104	Lower Chain Lake	do	2	2.7	1.5
do 21	do	do	105	Tap	do	3	2.6	1.6
do 21	do	do	106	do	do	4	3.0	1.8
do 21	do	do	107	do	do	5	3.5	2.0
do 21	do	do	108	do	do	6	3.6	1.9
do 21	do	do	109	do	do	7	4.2	2.7
do 21	do	do	110	Well.	Pictou	8	10.2	3.2
do 21	do	do	111	Stand pipe.	do	9	9	2.8
do 21	do	do	112	Pump	do	10	18.5	8.5
do 21	do	do	113	do	do	11	11.5	5.0
do 21	do	do	114	River water.	New Glasgow	12	3.5	2.0
do 21	do	do	115	Pipe do	do	13	6.7	2.5
do 21	do	do	116	Well do	do	14	26.0	11
do 21	do	do	117	Tap	do	15	4.7	1.5
do 21	do	do	118	River	do	16	4.0	1.8
do 21	do	do	119	Lepper Brook	Truro	17	4.5	1.5
do 21	do	do	120	Well.	do	18	12.0	4.3
do 21	do	do	121	do	do	19	13.7	6.0
do 21	do	do	122	Reservoir	Windsor	20	3.5	1.5
do 21	do	do	123	Tap	do	21	3.7	2.0
do 21	do	do	124	Well	do	22	66	19
do 21	do	do	125	do	do	23	60	23.3
do 21	do	do	126	Spruce Hill Lake.	Halifax sup	24	1.7	1.5
do 21	do	do	127	Upper Charles Lake	do	25	1.5	1.3
May 3	W. F. Best	New Brunswick	460	Reservoir	St. John	24	3.15	1.40
do 3	do	do	461	Lake Latimer	do	25	3.40	1.27
do 3	do	do	462	Spruce Lake	do	26	3.75	2.10
do 3	do	do	463	Tap	do	27	3.58	1.26
do 3	do	do	464	Tap	do	28	3.25	1.27
do 3	do	do	465	do	Fredericton	29	2.46	1.01
do 3	do	do	466	River	do	30	3.48	1.86
do 3	do	do	467	Well	do	31	1.46	.861
do 3	do	do	468	Tap	do	32	2.14	.950

DRUGS—Tabulated Statement, &c.—Continued.

per 100,000 of Water.			OXYGEN consumed by organic matter at 80° Fahr.		Microscopical Examination.	Observations and Remarks.
NITROGEN			15 Minutes.	4 Hours.		
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrates.	Chlorine in Chlorides.			
	*0062		0.77			Of fair quality.
0089	*0086		0.7			do albuminoid ammonia high.
0095	*0033		0.63			do do
0100	*0030		0.56			do do
0097	*0044		0.63			do do
0093	*0042		1.40			do do
0097	*0025		0.70			do do
0063	*0011		0.84			Good water do
0030	*0008		0.77			do
0037	*0006		2.66			do
0075	*0022		1.47			do
0089	*0063		0.42			Fair water; albuminoid ammonia high.
0084	*0024		0.63			do do
0037	*0013		4.48			Good water.
0079	*0015		0.56			do
0070	*0009		0.70			do
0061	*0011		0.49			do
0051	*0020		1.12			do
0037	*0011		1.61			do
0064	*0048		.42			do
0067	*0030		0.49			do
0054	*0014		9.52			Good water; but contains a large amount of sulphate of zinc.
0084	*0011		6.30			Fair water do do
0131	*0033		1.12			do but albuminoid ammonia high.
0103	*0025		0.84			do do do
020		trace		5 min. *006	Slight sediment, consisting of vegetable fibre	Of good quality; fit for domestic use.
036		do		*008	do	do do
030		do		*013	Contains a vegetable fibre	do do
048		do		*009	do	do do
020		trace		*004	Contains vegetable fibre	Good water; fit for domestic use.
020		trace		*008	Small amount of vegetable matter suspended in water	do do
275		.48		.425	Vegetable fibre suspended in the water	Fit for domestic use, and not contaminated to any extent by sewage matter.
480		2.15		.650	Contains a small amount of organic matter, partly vegetable	Not fit for domestic use.
025		trace		*005	Contains a small amount of vegetable matter	Fit for domestic use.

APPENDIX C—INSPECTION OF FOOD AND WATER—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Source.	—	No. of Sample.	In parts	
							TOTAL SOLIDS.	
							Dry at 100° C.	Loss on igni- tion.
1888.								
May 3	W. F. Best.....	New Brunswick.	469	Well	Sussex	33	1.24	.455
do 3	do	do ...	470	do	do	34	5.34	3.270
do 3	do	do ...	471	do	Old Sussex	35	3.244	1.281
do 3	do	do ...	472	Reservoir ..	Moncton ...	36	2.455	1.885
do 3	do	do ...	473	Tap	do	37	2.815	1.800
do 3	do	do ...	474	Well	do	38	4.810	2.452
do 3	do	do ...	475	Tap	do	39	2.650	1.200
do 3	do	do ...	476	Well	Chatham ..	40	2.864	1.271
do 3	do	do ...	477	Spring	do	41	3.742	1.810
do 3	do	do ...	478	do	do	42	2.400	1.280
do 3	do	do ...	479	do	do	43	1.755	.621
Mar. 23	M. Fiset.....	Quebec.....	951	Lake St. Charles.	Quebec.....	121	4.2	.100
do 23	do	do	952	Aqueduct	do	122	6.6	.2
do 23	do	do	953	River	do	123	6.6	.3
do 23	do	do	954	do	do	124	13.	2.8
do 23	do	do	955	do	do	125	5.70	.2
do 23	do	do	956	Tap	do	126	5.0	.8
do 23	do	do	957	do	do	127	5.2	.8
do 23	do	do	958	River	do	128	12.6	1.2
do 23	do	do	959	Tap	do	129	4.6	.6
do 23	do	do	960	Well	do	130	63.2	38.8
do 23	do	do	961	River	do	131	14.2	4.6
do 23	do	do	962	St. Charles River.	do	132	6.8	0.4
do 23	do	do	963	Well	do	133	14.1	1.8
do 23	do	do	964	River	do	134	14.8	1.8

DRUGS - Tabulated Statement, &c.—Continued.

Continued.

per 100,000 of Water.				OXYGEN Consumed by Organic Matter at 80° Fahr.		Microscopical Examination.	Observations and Remarks.
NITROGEN.			Chlorine in Chlorides.	15 Minutes.	4 Hours.		
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrates					
·055	.....	.....	·885	·091	.....	Small amount of vegetable matter..	Of fair quality.
·044	.....	.....	·746	·010	.....	Small amount of vegetable matter suspended.....	Not absolutely safe for domestic use; doubtful.
·046	.....	.....	·008	·394	.....	Small amount of vegetable matter suspended ..	Of fair quality; doubtful.
·006	.....	.....	·015	·581	.....	Considerable amount of sediment, mostly vegetable	Fit for domestic use.
·008	.....	.....	0·017	·475	.....	Contains vegetable fibre	do do
·024	.....	.....	3·75	·145	.....	Small amount of organic matter, chiefly vegetable.....	Not perfectly safe for domestic use.
·007	.....	.....	·009	·352	.....	Contains vegetable matter	Fit for domestic use.
·037	.....	.....	1·570	·460	.....	Contains vegetable and inorganic matter	Fit for domestic use, although it is evident that surface water and impurities can enter.
·085	.....	.....	·214	·250	.....	A very small amount of vegetable matter suspended in the water	Fit for domestic consumption.
·022	.....	.....	trace.	·009	.....	Some vegetable fibre in suspension	Fit for domestic purposes.
·075	.....	.....	·260	·445	.....	Remains of vegetable substances in suspension	do do
·001	·001	.....	·040	·008	.....	.....	Good.
·002	·001	.....	·050	·008	.....	No deposit.....	do
·003	·002	.....	·070	·010	.....	do	do
·004	·003	.....	·080	·016	.....	do	Good and wholesome drinking water, but much more mineral and organic matter than former three.
·009	·004	.....	·060	·009	.....	do	Good.
.....	.....	.....	·080	·008	.....	do	Fairly potable.
.....	·07	.....	·06	·12	.....	do	Soft and wholesome.
.....	.....	.....	·6	·12	.....	do	Potable.
.....	.....	.....	·40	·1	.....	do	soft and wholesome.
.....	·017	.....	trace..	·36	.....	Deposits chiefly organic	Not potable; unfit for use as a domestic supply.
·004	·005	.....	.....	·015	.....	No deposit.....	Potable water; no sewage.
·002	·001	.....	.....	·016	.....	No sewage	Very pure soft water.
·002	·001	.....	.....	·02	.....	No deposit.....	Fair water; potable.
·002	·001	.....	.....	·02	.....	do	Fair river water; potable.

APPENDIX C - INSPECTION OF FOOD AND

WATER—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Source.	No. of Sample.	In parts		
						TOTAL SOLIDS.		
						Dry at 100° C.	Loss on ignition.	
1888.								
Mar. 23	M. Fiset	Quebec	965	Tap ..	Lévis	135	18.8	2.8
do 23	do	do	966	Tank	do	136	33.6	1.9
do 23	do	do	967	Well	do	137	18.6	0.64
do 23	do	do	968	do	do	138	44.2	11.
do 23	do	do	969	do	do	139	28.8	1.3
do 23	do	do	970	Tap	do	140	17.2	1.
Feb. 25	J. B. Edwards	Montreal	1319	Wheelhouse and waterworks	Montreal	101	9.	1.1
do 25	do	do	1320	St. Cunegondet waterworks	do	102	13.6	1.5
do 25	do	do	1321	Entrance of cut to wheelhouse	do	103	10.6	1.2
do 25	do	do	1322	Tap in Inland Revenue Office	do	104	13.30	2.
do 25	do	do	1323	Well, 56 Champlain Street	do	105	30.00	10.
do 25	do	do	1324	Well, 122 Dufferin Street	do	106	110.	18.
do 25	do	do	1325	Tap in Fire Station No. 12	do	107	15.	15.
do 25	do	do	1326	Tap in Fire Station No. 11	do	108	11.	1.1
do 25	do	do	1327	St. Lawrence Riv'r	do	109	17.	5.75
do 25	do	do	1328	do	do	110	15.	3.1
do 25	do	do	1331	Richelieu River	St. John, P.Q.	141	8.6	3.3
do 25	do	do	1332	do	do	142	7.4	2.2
do 25	do	do	1333	Tap at Barracks	do	143	9.4	3.2
do 25	do	do	1334	Tap	do	144	7.	1.0
do 25	do	do	1335	do School House.	do	145	7.2	1.0

DRUGS—Tabulated Statement, &c.—Continued.

Continued.

per 100,000 of Water.				OXYGEN consumed by organic matter at 80° Fahr.		Microscopical Examination.	Observations and Remarks.
NITROGEN			Chlorine in Chlorides.	15 Minutes.	4 Hours.		
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrites.					
·02	·01	.....	traces	·04	.....	Organic matter in excess	Doubtful.
·02	·04	.....	·12	·01	.....	No deposit	Wholesome water; hard quality.
·02	·04	.....	·12	·10	.....	do	Potable water.
·06	·03	.....	·40	·15	.....	do	Unfit for use; dangerous. Organic matter in excess.
·02	·04	.....	·12	·15	.....	.....	Doubtful; nitrate and chloride in excess.
·004	·004	.....	·12	·02	.....	No deposit.....	Doubtful; the last four samples should be filtered in order to render the water fit for use.
·05	.....	.....	·062	·5	.....	No deposit.....	Remarkably pure.
·005	.....	.....	1·076	·48	.....	do	Good and wholesome.
·005	.....	.....	·167	56	.....	do	Pure and wholesome.
·15	·09	.....	1·19	·40	.....	Deposit light with sand and filament of conferra and diatoms.....	Contaminated by collection of vegetable and mineral matter in pipes, but not sufficient to injure health.
·17	·25	traces	2·61	.....	.....	.....	Residue in deposit, of decomposed wood and clay.
·27	·25	.....	27·70	·70	.....	A mere trace of deposit.....	A dangerous water, containing free and combined ammonia and chlorides in excess, indicating sewage.
·025	·02	.....	1·67	·20	.....	No deposit.....	A fair potable water, but to a small extent impregnated with the dirt accumulating in the pipes; all removeable by filtrate.
.....	.....	.....	·870	0·4	.....	.....	Excellent potable water.
·028	·018	.....	·969	·52	.....	Slight fungoid deposit.....	Slightly affected by sewage.
·030	·022	.....	86	.....	.....	No deposit.....	Fairly potable at present season of year; doubtful in summer.
·006	.....	.....	·06	·12	.....	do	Very pure soft water.
.....	.....	.....	·1	·02	.....	do	Pure soft water.
·001	.....	.....	·16	·016	.....	Slight deposits.....	Potable water free from sewage contamination.
·003	.....	.....	·06	·016	.....	do	A soft potable water, free from sewage.
.....	·002	.....	·07	·005	.....	do	A soft potable water, free from sewage.

APPENDIX C—INSPECTION OF FOOD AND WATER—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Source.	—	No. of Sample.	In parts.	
							TOTAL SOLIDS.	
							Dry at 100° C.	Loss on ignition.
1888.								
Feb. 25	J. B. Edwards.	Montreal.	1336	Tap.....	Outremont	146	24.	5.5.
do 25	do	do	1337	Well.....	do	147	38.	2.
do 25	do	do	1338	Well near School House.....	do	148	33.6	3.8
do 25	do	do	1339	River.....	Joliette	111	17.	11.
do 25	do	do	1340	From Pump House	do	112	15.5	9.3
do 25	do	do	1341	St. Charles School	do	113	11.2	1.6
do 25	do	do	1342	St. Viateur School	do	114	10.5	1.0
do 25	do	do	1343	Well do	do	115	30.	.7
do 25	do	do	1344	Pump House.....	Three Rivers.....	116	6.	.36
do 25	do	do	1345	Tap.....	do	117	9.33	.66
do 25	do	do	1346	do	do	118	7.6	.46
do 25	do	do	1347	St. Lawrence Riv'r at outlet of main sewer.....	do	119	22.	2.6
do 25	do	do	1348	St. Lawrence Riv'r below sewer outlet.....	do	120	10.	.40
April 10	F. X. Valade...	Kingston	1885	Ottawa River.....	Ottawa	1	5.6	2.7

DRUGS—Tabulated Statement, &c.—Continued.

Continued.

per 100,000 of Water.			Chlorine in Chlorides.	OXYGEN Consumed by Organic Matter at 80° Fahr.		Microscopical Examination.	Observations and Remarks.
NITROGEN.				15 Minutes.	4 Hours.		
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrates.					
.....	.....	traces	'08	'06	.....	Slight deposits.....	Of doubtful quality, containing excess of organic matter and nitrates from surface drainage, which is probably a variable quantity.
'08	'04	do	'16	'16	.....	Deposit, large sand residue and floating organic fungoid growth.....	Dangerous water; unfit for human consumption.
'01	.....	do	'10	'016	.....	Deposit of clay, sand and some organic filaments.....	Unwholesome, containing surface drainage.
'006	'008	.....	'13	.....	.....	No deposit or microbes.....	Contaminated with excess of organic matter and probably with a trace of sewage.
'06	'08	.....	'04	'066	.....	do do ...	A fairly potable and soft river water, containing an excess of organic matter.
'14	'02	.....	'07	'06	.....	do do ...	A fairly potable water.
'024	'006	.....	'05	'02	.....	do do ...	A fairly potable water with variable conditions of purity.
'014	0'06	.....	2'80	'078	.....	Large organic and inorganic deposits.	A dangerous water, containing surface drainage, an arable character; liable to be injurious to health in the summer or autumn season.
'002	'004	.....	'04	'04	.....	No deposit or microbes.....	A soft and wholesome water.
'002	'002	.....	'04	'04	.....	do do ...	A potable water, free from sewage.
'002	'002	.....	'04	'03	.....	do do ...	A soft and wholesome water, free from sewage.
'004	'002	traces	'6	'40	.....	A heavy deposit of organic and inorganic; no microbes	A river water, probably contaminated with sewage to a variable extent and might be injurious to health.
'002	'004	.....	'06	.....	.....	No deposit or microbes.....	Potable in present condition, but liable to vary in summer season; not injurious in winter season.
'013	0'0034	.....	'033	.....	.....	.....	Fairly clear; pale amber color; no appreciable odour at 46° C.; taste good; very good so far as the analysis is carried.

APPENDIX C—INSPECTION OF FOOD AND
WATER—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Source.	—	No. of Sample.	In parts	
							TOTAL SOLIDS.	
							Dry at 100° C.	Loss on Igni- tion.
1888.								
April 10	F. X. Valade.	Kingston	1886	Ottawa River.....	Ottawa.	2	6°	2·6
do 10	do ...	do	1887	do	do	3	5·5	2·4
do 10	do ...	do	1888	do	do	4	17·4	7·
do 10	do ...	do	1889	Well water.....	Perth.....	44	109·9	32·7
do 10	do ...	do	1890	do	do	45	111·2	42·4
do 10	do ...	do	1891	do	do	46	53°	22·6
do 10	do ...	do	1892	do	do	47	108·2	60°
do 10	do ...	do	1893	St. Lawrence River	Brockville	48	13·4	5·4
do 10	do ...	do	1894	do ...	do	49	13·2	5·6
do 10	do ...	do	1895	do ...	do	50	13·6	5·0
do 10	do ...	do	1896	Well	do	51	100°	42·4
do 10	do ...	do	1897	Lake Ontario.....	Kingston.. ..	52	12·8	5°
do 10	do ...	do	1898	Reservoir... ..	do	53	13°	4·8

DRUGS—Tabulated Statement, &c.—Continued.

Continued.

per 100,000 of Water.			Chlorine in Chlorides.	OXYGEN consumed by organic matter at 80° Fabr.		Microscopical Examination.	Observations and Remarks.
NITROGEN.				15 Minutes.	4 Hours.		
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrates.					
·015	·003	.....	·033	.....	.....	.....	Fairly clear; yellow color; good taste; no particular smell at 40° C.; very good so far as the analysis is carried.
·012	·004	.....	·033	.....	.....	.....	Very clear; yellow color; good taste; no odour at 40° C.; very good so far as the analysis is carried.
·012	·003	.....	·194	.....	.....	.....	Turbid; very light amber color; peaty odour at 40° C.; taste slightly muddy; fair if filtered.
·018	·320	.....	15 012	.....	.....	.....	During ignition chlorine gas and nitrous fumes evolved, but the residue darkens but very slightly; water clear; very light greenish color; no odour at 40° C.; unfit for domestic and drinking purposes.
·012	·0048	.....	16 012	.....	.....	.....	Clear; very light greenish color; no odour at 40° C.; during ignition chlorine gas and nitrous fumes evolved, but the residue darkens but very slightly; unfit for domestic and drinking purposes.
·0138	·005	.....	3 836	.....	.....	.....	Clear; greenish color; residue darkens very slightly on ignition; good well water, but unfit for drinking purposes.
·0216	·0052	.....	11·733	.....	.....	.....	Yellowish green color; little matter in suspension; chlorine gas and red fumes evolved whilst residue darkens very little; unfit for domestic and drinking purposes.
·003	·004	.....	·486	.....	.....	.....	Almost colorless; no odour at 40° C.; clear and of good taste; blackens slightly during ignition; good.
traces.	traces.	.....	·334	.....	.....	.....	Almost colorless; no odour at 40° C.; clear and of good taste; blackens slightly during ignition; good.
traces.	·002	.....	·347	.....	.....	.....	Clear; good taste; no smell at 40° C.; matters in suspension; blackens slightly during ignition; good.
traces.	·020	.....	6·116	.....	.....	.....	Clear; light green color; no smell at 40° C.; residue blackens slightly during ignition; nitrous fumes evolved; rather bad water.
·0132	·004	.....	·306	.....	.....	.....	Very little matter in suspension; slightly greenish color; good taste; residue blackens much on ignition; has a peaty smell; fair.
·0138	·0048	.....	·347	.....	.....	.....	Very little matter in suspension; slightly greenish color; good taste; residue blackens much on ignition; has a peaty smell; fair.

APPENDIX C—INSPECTION OF FOOD AND

WATER—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Source.	—	No. of Sample.	In parts	
							TOTAL SOLIDS.	
							Dry at 100° C.	Loss on ignition.
1888.								
Apr. 10	F. X. Valade	Kingston.....	1899	Well.....	Kingston.....	54	73.6	25.2
do 10	do	do	1900	Tap.....	do	55	12.4	5.
do 10	do	do	1901	Bay Quinté.....	Belleville.....	56	15.	6.4
do 10	do	do	1902	Tap.....	do	57	15.	6.4
do 10	do	do	1903	Well.....	do	58	40.8	12.2
do 10	do	do	1904	do	do	59	62.6	19.
do 30	W. H. Ellis.....	Toronto.....	360	Tap.....	Guelph.....	166	14.	3.5
do 30	do	do	361	do	do	167	15.75	3.5
do 30	do	do	362	Well.....	do	168	41.16	10.5
do 30	do	do	363	do	do	169	53.9	21.
do 30	do	do	2280	Otanabee River.....	Peterboro'.....	6)	7.70	3.60
do 30	do	do	81	Well.....	do	61	60.2	9.8
do 30	do	do	82	Tap.....	do	62	8.26	3.3
do 30	do	do	83	Well.....	do	63	31.85	10.85
do 30	do	do	84	Lake.....	Hamilton.....	149	10.08	3.36
do 30	do	do	85	Tap.....	do	150	11.20	2.8
do 30	do	do	86	do	do	151	12.04	7
do 30	do	do	87	do	do	152	11.2	1.4
do 30	do	do	88	Well.....	do	153	10.92	2.10
do 30	do	do	89	Reservoir.....	London.....	154	20.3	3.85
do 30	do	do	90	Tap.....	do	155	19.95	4.2
do 30	do	do	91	do	do	156	17.5	2.8
do 30	do	do	92	do	do	157	19.25	2.8
do 30	do	do	93	do	Stratford.....	158	14.7	4.2
do 30	do	do	94	Well.....	do	159	19.6	3.5
do 30	do	do	95	do	do	160	29.4	4.9
do 30	do	do	96	Tap.....	do	161	15.4	3.5
do 30	do	do	97	Well.....	Berlin.....	162	75.6	19.85
do 30	do	do	98	do	do	163	56.7	16.10
do 30	do	do	99	do	do	164	45.5	9.8
do 30	do	do	2300	do	do	165	28.0	6.3

DRUGS—Tabulated Statement, &c.—Continued.

Continued.

per 100,000 of Water.			Chlorine in Chlorides.	OXYGEN Consumed by Organic Matter at 80° Fahr.		Microscopical Examination.	Observations and Remarks.
NITROGEN.				15 Minutes.	4 Hours.		
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrates.					
·010	·015	.....	6 561	.....	.....	.....	During ignition the residue blackens a little, and chlorine gas is evolved; a little matter in suspension; light greenish color; rather bad.
·0126	·004	.....	0 312	.....	.....	.....	Clear greenish color; peaty smell on ignition of residue; good taste; no appreciable odor at 40° C.; good.
·015	·008	.....	·236	.....	.....	.....	Very little matter in suspension; yellowish color, which deepens by boiling; slight peaty smell at 40° C.; taste not very good; residue on ignition darkens, giving the smell of burnt peat; not very commendable.
·013	·0072	.....	·278	.....	.....	.....	do do
·015	·006	.....	2 947	.....	.....	.....	Almost clear; greenish color; residue darkens on ignition; a good sample of well water, but unfit for drinking purposes.
·012	·016	.....	7 673	.....	.....	.....	Yellowish green color; turbid flocculent matter in suspension; residue darkens and gives a peaty smell on ignition; a bad water.
·0014	trace.	·115	·175	·085	·0162	Satisfactory	A water of medium purity.
·001	trace.	·115	·23	·040	·0092	do	do do
·025	147	·166	3 04	·151	·3486	Much sediment	An impure water.
·005	·004	·588	4 9	·028	·0595	do	Of medium purity.
·015	·098	·010	·040	·096	·231	Infusoria diatoms and vegetable debris	An impure water.
·011	·037	1 779	5 25	·061	·177	do	do
·012	·0028	·036	·035	·084	·218	do	do
·001	·017	·008	4 9	·005	·033	Satisfactory	A water of great purity.
·0008	·009	·027	·35	·028	·067	do	A water of medium purity.
·028	·001	·022	·35	·009	·045	do	do great purity.
·004	·002	·021	·35	·009	·019	do	do do
·001	trace.	0 23	·35	0 14	·015	do	do do
·0001	do	0 17	·35	·046	·028	do	do do
traces.	traces.	0 92	·105	·004	·002	do	do do
·0014	do	0 68	·105	·001	·014	do	do do
·0014	do	0 68	·140	·017	·029	do	do do
·0014	do	0 63	·105	·001	·0007	do	do do
·008	do	0 24	·084	·128	·238	do	do doubtful purity.
·001	do	·617	·49	·0147	·048	do	do great purity.
·001	do	·576	1 05	·0039	0 174	do	do do
·008	·002	·113	·084	·1075	·220	do	do doubtful purity.
·015	·036	·104	7 07	·0497	·137	Infusoria diatoms, &c	An impure water.
·005	trace.	·124	8 33	·0151	·049	Satisfactory	A water of doubtful purity.
·005	do	1 0	5 74	·028	·068	do	do do
·001	do	·178	·63	·018	·049	Much sediment	do great purity.

APPENDIX C—INSPECTION OF FOOD AND WATER—

Date.	Name of Analyst.	District.	No. of Analyst's Report.	Source.	—	No. of Sample.	TOTAL SOLIDS.	
							Dry at 100° C.	Loss.
1888. June 13	J. E. Wright...	Manitoba	2865	City well.....	Brandon	5788	42.8	16.5
do 13	do ...	do	2866	Well, Primrose St.	do	5789	33.	11.
do 13	do ...	do	2867	Well opposite Public School.....	do	5790	51.	16.
do 13	do ...	do	2868	Well, Grand View Hotel.....	do	5791	147.	36.
do 13	do ...	do	2869	Well	Portage la Prairie	5792	41.	13.5
do 13	do ...	do	2870	do	do ...	5793	113.5	70.
do 13	do ...	do	2871	do	do ...	5794	382.	104.
do 13	do ...	do	2872	do	do ...	5795	50.5	16.5

DRUGS—Tabulated Statement, &c.—Continued.

Concluded.

NITROGEN.			Chlorine in Chlorides.	OXYGEN Consumed by Organic Matter at 80° Fahr.		Microscopical Examination.	Observations and Remarks.
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrates.		15 Minutes.	4 Hours.		
p. c.	p. c.	p. c.	p. c.	p. c.	p. c.		
-028	-024	.....	1.3	.....	.....	Sediment consists of clayish matter; no organic matter or structure recognized	Organically safe and pure, being fit for public consumption.
-024	-026	.....	1.6	.....	.....	No definite structure recognized in structure; had a fungoid like form...	
-022	-017	.....	1.2	.....	.....	Sediment showed to be devoid of regular structure; dark brown appearance under the microscope; color greenish yellow.....	Organically safe.
-026	-020	.....	4.70	.....	.....	Sediment showed to be of vegetable nature and structure; living organisms were found present, but not abundant....	do
-056	-019	.....	.65	.....	.....	No living organisms perceived in sediment, which was found to be a yellowish moss with out structure.....	Not pure, although the amount of albuminoid ammonia obtained is not excessive. The foreign matter recognized in sample by the microscope would under many conditions be converted into nitrogen.
-044	-022	.....	7.28	.....	.....	do	Organically pure. Safe, containing much organic matter, but unfit for domestic use on account of excessive hardness.
-020	-019	.....	2.00	.....	.....	No organisms discovered; sediment yellowish moss of a gelatinous nature	Organically pure, but excessive in solids containing too much sulphuric acid (as sulphates) to be fit to drink, and unfit for domestic purposes on account of the great hardness.
-071	-016	.....	.80	.....	.....	Sediment showed to be a gelatinous like moss, with a greenish color; no living organisms discovered	Organically pure.

APPENDIX D.

LABORATORY OF THE INLAND REVENUE DEPARTMENT, OTTAWA.

LABORATORY OF THE INLAND REVENUE DEPARTMENT,
OTTAWA, 16th February, 1889.

To the Commissioner of Inland Revenue.

SIR,—With reference to the operation of the Fertilizers' Act during the year ending 30th June, 1888, I beg to refer you to Bulletin No. 4, dated 21st May, 1888, which contains the results of the analysis of samples of the various fertilizers sold in the Dominion. This bulletin will, in accordance with your instructions, be re-published as an appendix to the annual report.

It will be observed that some of these fertilizers do not come up to the standard mentioned in Section 11 of the Fertilizers' Act, and as there seems to be some uncertainty as to whether this section applies to uninspected fertilizers, I beg to submit that, in any amendment of the Act which you may undertake, a minimum should be fixed as regards the fertilizing ingredients which uninspected fertilizers should contain.

With regard to the administration of the Adulteration Act during the same year, I have to mention that Bulletins Nos. 2, 3, 5 and 6, which have reference respectively to milk, coffee, domestic waters and cheese, will also appear in the appendix. There is every reason for believing that the publication of these in the early part of 1888 was of public advantage, and had some effect in spreading information as regards the nature of certain adulterations.

This system of publication would seem to be the best attainable, short of the amendment to the Act, recommended by you in your letter to the Minister of 31st March, 1888.

In the months of June and July last an attempt was made by Mr. Awde, License and Food Inspector, Toronto, to carry out the inspection of milk under the provisions of section 6 of the Adulteration Act. Mr. Awde first subjected the samples to preliminary tests, and then forwarded to the public analyst and the Department those which he deemed suspicious. The following table gives the results of the examination of these samples by the undersigned:—

Number.	Specific Gravity.	Water.	Butter fat.	Other Solids.	Total.	Remarks.
		p. c.	p. c.	p. c.	p. c.	
3.....	1·0327	88·07	2·90	9·03	100	
5.....	1·0320	88·30	3·25	8·45	100	
9.....	1·0289	90·06	2·36	7·58	100	Watered.
10.....	1·0389	90·03	3·10	7·87	100	do
11.....	1·0320	88·91	2·62	8·47	100	
14.....	1·0309	89·17	2·07	8·76	100	
14.....		89·14	2·14	8·72	100	Partly skimmed.
15.....	1·0321	89·28	2·08	8·64	100	
15.....		89·29	1·99	8·72	100	do
16.....	1·0318	89·17	2·34	8·49	100	
16.....		89·12	2·38	8·50	100	do
21.....	1·0264	90·00	2·67	7·33	100	
21.....		89·99	2·69	7·32	100	Watered.
22.....	1·0334	89·59	1·85	8·56	100	
22.....		89·58	1·88	8·54	100	Skimmed.
23.....	1·0324	88·86	2·66	8·48	100	
23.....		88·87	2·68	8·45	100	Partly skimmed.
24.....	1·0269	90·43	2·45	7·12	100	
24.....		90·44	2·48	7·08	100	Watered.

Inspection of samples of Milk—*Concluded.*

Number.	Specific Gravity.	Water.	Butter fat.	Other Solids.	Total.	Remarks.
		p. c.	p. c.	p. c.	p. c.	
26	1 0296	89·59	2·51	7·90	100	Watered.
26		89·53	2·51	7·96	100	
29	1·0320	89·44	2·15	8·41	100	Partly skimmed.
29		89·50	2·13	8·37	100	
30	1·0312	89·98	2·31	7·70	100	Watered.
30		90·12	2·23	7·65	100	
31	1·0320	88·81	2·63	8·58	100	Partly skimmed.
31		88·91	2·61	8·48	100	
32	1·0333	89 90	2·55	7·55	100	Watered.
32		89 42	2·54	8·04	100	
33	1·0343	90·32	2·11	7 57	100	do
33		90·25	2·03	7·71	100	
42	1·0304	89·32	2·67	8·01	100	do
42		89·31	2·67	8·02	100	
45	1·0294	89 22	3·12	7·66	100	do
45		89·12	3·09	7·69	100	

Mr. Awde informed me that in fourteen of these cases prosecutions were instituted, but only one conviction obtained; most of the defendants swore that they were not parties to the adulteration, and were acquitted by the court under section twenty-three, subsection two, which reads: "Provided that if the person accused proves to the court before which the case was tried that he did not know of the article being adulterated, and shows that he could not with reasonable diligence have obtained that knowledge, he shall be subject only to the liability to forfeiture under the twenty-first section of the Act."

It appears to me that this failure of justice is worthy of careful attention, and I have to suggest that either this section should be amended or such departmental action taken as would make it easy for such delinquents with "reasonable diligence" to obtain certainty regarding the purity of the article they sell.

I have the honor to be, Sir,

Your obedient servant,

THOMAS MACFARLANE, *Chief Analyst.*

Bulletin No. 2.

Milk.

In order to enable a comparison to be made betwixt samples of genuine milk, such as described in Bulletin No. 1, and whole milk as actually sold in our cities, the Commissioner of Inland Revenue has authorized the publication of the results of analysis of samples obtained from milk vendors during the months of August and September last.

It has also been deemed advisable to insert in the present Bulletin a description of the method adopted by the Department for the preliminary testing of milk, to which reference was made in the Commissioner's report of 23rd December, 1886. The Department proposes hereafter to insist that this testing shall be carried out by its officers in all the Inland Revenue Districts which have been furnished with the necessary instruments. As stated by the Commissioner, "it is not intended that these preliminary tests should take the place of analysis; the object is simply to separate the undoubtedly good from suspicious samples, thus permitting the inspection of a much larger number at less expense for analysis."

It may be remarked that the results given in the following tables, and also those published in Bulletin No. 1, were mostly obtained by the use of the method described by the undersigned in a paper read before the Royal Society of Canada, on the 27th May last, under the title "Remarks on the use of asbestos in milk analysis."

RESULTS of Analysis of Samples of Milk sold as Whole Milk.

Date of Collection.	No. of Sample.	Name of Vendor.	Residence.	ANALYSIS.			Specific Gravity, 15° C.	Total Solids.	Remarks.
				Water.	Butter Fat.	Other Solids.			
1887.									
HALIFAX, N.S.									
Sept. 20...	5376	Thomas Whalen	332 Lower Water St	p. c.	p. c.	p. c.	p. c.		
do 20...	5377	William Deberry	208 do	88.40	2.85	8.75	1.0335	11.60	Partly skimmed.
do 20...	5378	John McInnes	300 do	88.13	2.71	9.16	1.0337	11.87	do
do 20...	5379	Anne Regan	119 Upper Water St	87.63	3.90	8.47	1.0311	12.37	
do 20...	5380	Wrs. Eliza Neville	226 do	90.69	3.31	6.10	1.0226	9.41	Watered.
do 20...	5381	Mrs. Mary Burns	220 do	88.62	3.78	7.42	1.0274	11.38	do
do 26...	5382	Mary Tobin	50 Grafton St	87.94	3.78	8.28	1.0311	12.06	
do 26...	5383	M. J. Maher	70 do	87.57	4.23	8.20	1.0285	12.43	
do 26...	5384	Wm. Forsyth	36 do	88.48	4.09	7.43	1.0251	11.52	do
do 27...	5385	Thomas Sullivan	194 Lower Water St	86.58	4.26	9.16	1.0318	13.42	
do 27...	5386	Patrick Shea	168 do	88.44	2.97	8.59	1.0309	11.56	Partly skimmed.
do 27...	5387	Charles Craig	6 Slater St	88.02	3.55	8.43	1.0299	11.98	do
PICOTON, N.S.									
Sept. 27...	3322	N. K. Dickson	Old Road	87.24	3.89	8.87	1.0312	12.76	
do 27...	3323	Wm. McGregor	Halburton Stream	86.26	4.73	9.01	1.0312	13.74	
do 27...	3324	John Simpson	Melroseville, Beeches	85.44	6.10	8.46	1.0278	14.56	Partly cream.
do 27...	3325	Thomas Currie	St. Andrews St	87.33	3.66	9.01	1.0321	12.67	
do 27...	3326	G. W. Campbell	Willow Grove, Beeches	87.44	3.57	8.99	1.0317	12.56	
do 27...	3327	Mrs. D. Mitchell	Coleraine St	87.53	3.45	9.22	1.0327	12.67	
St. John's, N.B.									
Sept. 5...	6169	Mrs. Margaret Leck	Sandy Point Road, Portland	86.53	4.63	8.85	1.0314	13.48	
do 19...	6171	James McAndrews	10 Brussel St	87.23	4.73	8.04	1.0320	12.77	
do 19...	6172	J. D. McAvity	39 do	86.79	4.34	8.07	1.0298	13.21	
do 20...	6174	Mrs. J. E. McOornick	18 Queen St	89.24	3.92	6.84	1.0248	10.76	Watered.
do 20...	6175	Robert Ritchie	259 German St	89.08	3.50	7.42	1.0268	10.92	do
do 20...	6176	John Duddy	44 St James St	89.15	3.39	7.46	1.0268	10.85	do
do 22...	6177	Mary Collins	236 Charlotte St	87.31	4.08	8.61	1.0314	13.69	
do 22...	6178	Mrs. John Moran	78 Britain St	86.94	4.28	8.78	1.0323	13.06	
do 22...	6179	John Condon	205 Sydney St	89.84	2.76	7.40	1.0276	10.16	Watered.

SHERBROOKE, P.Q.

Sept. 20... 3236
do 20... 3237
do 22... 3238
do 22... 3239
do 27... 3240
do 27... 3241

John S. Armstrong
H. Armitage & Son
James G. Malloy
Leannoxville
Township of Ascot
East Sherbrooke
do

86-38
87 9)
84-00
85-41
4-46
4 87
86-92

4-70
3-40
7-54
4-46
4 87
4-11

8-32
8-70
8-46
9-13
8-63
8 97

1 0328
1-0318
1 0292
1-0321
1-0309
1 0320

Partly cream.

13-62
12-10
16-00
13-59
13-40
13 09

OTTAWA, ONT.

Oct. 1... 6837
do 1... 6838
do 1... 6839
do 1... 6840
do 1... 6841
do 1... 6842

R. Honeywell
Mrs. Dasey
W. H. Adams
H. J. Bayley
Benj. Rothwell
James Caldwell

87-13
88-28
7 69
86-66
86-29
85-86

4-23
3-47
3-44
4-6
5-10
4-14

8 64
8-25
8-87
8-48
8-61
8-90

1-0323
1-0296
1-0297
1-0296
1-0296
1 0317

Below average.

12 87
11-72
12-31
13-34
13-71
13-04

KINGSTON, ONT.

Aug. 11... 2924
do 11... 29 5
do 11... 2926
do 11... 2927
do 11... 2928
do 11... 2929

H. & G. Rees
H. & R. Rees
Henry Wilder
J. P. H. Ferris
Wm. Pickering
George Wilder

88-89
89 89
87-25
89-83
87 74
89-63

2-77
3-29
4-22
2-65
3-88
2-00

8-31
7-82
8-53
7-52
8-28
8-32

1 0325
1-0294
1-0320
1-0289
1 0312
1 0327

Below average.

11-11
11-11
12-75
10-17
12-26
10-32

QUEBEC, P.Q.

Aug. 23... 6506
do 23... 6507
do 23... 6508
do 23... 6509
do 23... 6510
do 26... 6511
do 26... 6512
do 26... 6513
do 26... 6514
do 26... 6515
do 26... 6516

François Gilbert
Madame J. Genest
J. Gusy
Jean Vézina
Joseph Bégin
Eliée Paré
Eulaise Lebel
Jacques Pepin
Joseph Pagan
Eliée Paré
J. Ste Demeré

86-66
88-78
90-28
86-29
87-10
88-20
87-80
86-57
87-78
86-95

4 64
3-81
5-45
4-40
4-30
8-33
3-95
5-18
3-28
4-41

8-70
7-31
8-28
8-60
8-66
8-44
8-25
8-27
8-54
8-64

1-0332
1-0274
1-0256
1 0306
1 0317
1-0324
1-0256
1 0306
1 0317
1-0314

Watered.

13-34
11-22
9-72
13-71
12-80
13-86
11-80
12-20
12-22
13-05

Partly cream.

Below average.

RESULTS of analysis of samples of MILK sold as whole milk.

Date of Collection.	No. of sample.	Name of Vendor.	Residence.	ANALYSIS.			Specific Gravity, 15° C.	Total Solids.	Remarks.
				Water.	Butter Fat.	Other Solids.			
1887.		QUEBEC, P. Q.— <i>Con.</i>		p. c.	p. c.	p. c.	p. c.		
do 29...	6517	Chrysostome Carisse	St Roch	88.26	3.34	8.40	1.0320	Skimmed.	
do 29...	6518	François Leforme	St. Sauveur	89.19	2.90	7.91	1.0306	do	
do 29...	6519	Maral Poiré	St. Joseph de Lévis	89.80	2.50	7.70	1.0338	do	
do 29...	6520	Jean Beaumont	Notre Dame St., Lower Town	88.67	4.90	8.43	1.0303		
do 29...	6521	François Faucher	Rue D'Aiguillon	87.60	4.04	8.46	1.0326		
do 31...	6522	Onésime Dorval	St. Oliver St.	86.96	4.22	8.82	1.0324		
do 31...	6523	François Jobin	Richelieu St.	87.63	3.84	8.53	1.0321		
		MONTREAL, P. Q.							
Aug. 15...	4993	John Haggarty	Côte St. Louis	86.56	4.92	8.53	.....	13.44
do 15...	4984	Moses Trépanier	St. Laurent	87.61	4.10	8.29	.....	12.39
do 16...	4987	F. X. Bourdon	90 St. Lawrence St.	88.64	3.11	8.25	1.0314	Below average.	
do 16...	4988	Thomas O'Brien	Côte St. Louis	88.11	3.64	8.25	1.0314	Partly cream.	
do 17...	4939	Avans Bros. & Trenholm	5 St. Antoine St.	86.25	5.56	7.77	1.0304	do	
do 17...	4990	A. & G. Evans	No. 1 Little St. Antoine St.	84.31	7.92	8.55	1.0269		
do 18...	4991	Andrew Walker	Côteau St. Louis	87.41	4.01	8.34	1.0326	Below average.	
do 18...	4992	Craik & Boe	Sault aux Recoillets	87.7	2.90	8.34	1.0333		
do 18...	4993	Henry Lambert	Côteau St. Louis	87.75	4.17	8.10	1.0304	12.27	
do 18...	4998	A. & G. Evans	No. 1 St. Antoine St.	87.86	3.80	8.31	.....	12.14
do 22...	4999	Edward Roy	Mount Royal Avenue	90.00	3.26	6.74	1.0350	Watered.	
Sep. 17...	7211	Guy Bros.	Taken at Richelieu Hotel	88.37	4.41	7.22	1.0368	do	
do 19...	7212	Robert Craik	do Windsor Hotel	83.60	8.21	8.19	1.0230	Partly cream.	
do 19...	7214	Manus Haggarty	do New York Hotel	83.66	3.78	9.56	1.0306	13.34	
do 21...	7215	W. G. Smith	do Freeman's, 188 St. James St.	86.90	3.95	9.15	1.0314	13.10	
do 21...	7216	Joseph Cousineau	do Westera House, St. Paul St.	84.41	7.68	7.91	1.0270	Partly cream.	
do 21...	7217	Robert Moran	do Hope Coffee House	85.24	6.05	8.71	1.0300	do	
do 27...	7218	F. A. Trenholm	do Balmoral Hotel	87.95	3.02	9.03	1.0324	12.05	
do 27...	7219	Joseph Cousineau	do St. James Hotel	86.51	4.65	8.84	1.0320	13.49	

BELLEVILLE, ONT.									
Sept. 21...	3123	J. Moorman	Belleville.....	87-38	3 88	8-74	1-0312	12-62	
do 21...	2423	J. H. Mathews & Son.....	Township of Sydney	85-44	4-65	8-91	1-0314	13 56	
do 21...	2424	H. L. McCaughey	do	86-79	4-89	8-82	1-0312	13-71	
do 21...	2425	John Smith	do Thurlow.....	87-93	4-16	7-88	1-0372	12-02	
do 21...	2426	Mrs. Jas. Ponton.....	do Sydney.....	87-80	3-42	8-78	1-0322	12-20	
do 21...	2427	F. Klingbeil.....	do	87-31	4 02	8-67	1-0310	13-69	
TORONTO, ONT.									
Sept. 5...	7016	Toronto Dairy Co.	105½ Queen St. West	88-30	3-31	8-39	1-0318	11-70	Below average.
do 5...	7017	J. Eadean	171 Euclid Avenue	86-93	4-37	8-65	1-0318	13-02	
do 5...	7018	E. Shannon	305 Parliament Street.....	88-72	3-68	7-60	1-0280	11-28	Watered.
do 5...	7019	Clarke Bros.	616 Yonge Street	88-14	3-17	8-69	1-0318	11-68	Below average.
do 5...	7020	J. Gibb.....	Leslieville	88-07	3-07	8-88	1-0330	11-93	do
PORT HOPE, ONT.									
Aug. 30 ..	2834	James Wilson	Port Hope	87-49	4-02	8-49	1-0302	12-51	
do 30...	2835	Thomas Kerr	do	88-58	3-20	8-23	1-0310	11-42	Below average.
do 30...	2836	Alexander Morrow	do	87-60	3-76	8-64	1-03-0	12-40	
do 30...	2837	Daniel Wrightson.....	do	87-88	3-08	9-06	1-0333	12-12	
do 30...	2838	George Hill	do	87-13	3-48	9-39	1-0322	12-87	
do 30...	2839	Albert Meadows & G. R. Race.	Hope Township.....	84-48	7-30	8-22	1-0274	15-52	Partly cream.
PETERBOROUGH, ONT.									
Aug. 25...	3124	W. Stothard	Township of Smith	87-10	4-60	8-30	1-0312	12-99	
do 25...	3125	Thos. Stothard.....	do	86-85	4-45	8-70	1-0328	13 15	
do 25...	3126	Thos. Hooper.....	do Moaghlan.....	88-40	4-24	7-36	1-0378	11-60	
do 25...	3127	Wm. Bell.....	do	88-18	4-59	7-23	1-0318	11-82	
do 25...	3128	C. J. Kearney.....	do Otonabee.....	87-09	4-41	8-50	1-0318	12-31	
do 25...	3129	Wm. Yelland.....	Peterborough.....	90-45	0-95	8-60	1-0328	9-56	Skimmed.

In the foregoing tables it is to be understood that where no remark is made regarding a sample, it is to be classed as genuine whole milk. In a good many cases it has been found necessary to use the words "partly cream" in the remark column. This has been done because it is believed that these samples must have been taken carelessly, or without previously mixing the milk in a thorough manner in the vessel containing it. The richest genuine milk mentioned in Bulletin No. 1 contained only 5.4 p.c. butterfat, and all samples recorded in this Bulletin containing over that percentage have been regarded as partly cream, and will be neglected in the present comparison.

Of the remaining 95 samples, 64 were judged to be genuine, the percentage of defective samples in the various cities being as follows:—

Halifax.....	58.3
Pictou.....	all good.
St. John, N.B.....	58.3
Quebec.....	35.3
Montreal.....	28.5
Sherbrooke.....	all good.
Ottawa.....	16.6
Kingston.....	60.0
Belleville.....	all good.
Toronto.....	80.0
Port Hope.....	20.0
Peterborough.....	16.6

If we take the average contents of these market samples in total solids and butterfat (discarding those "partly cream") and compare them with the figures obtained from the standard samples of Bulletin No. 1, we have the following results:—

	Percentage Total Solids.		Percentage Butterfat.	
	Stan- dard	Mar- ket.	Stan- dard	Mar- ket.
Halifax.....	12.72	11.78	4.24	3.51
Pictou.....	.....	12.88	.....	3.86
St. John, N.B.....	12.45	11.99	3.91	3.96
Quebec.....	12.39	12.16	3.54	3.94
Montreal.....	12.29	12.92	3.82	3.83
Sherbrooke.....	.....	13.16	.....	4.31
Ottawa.....	12.93	12.83	4.26	4.20
Kingston.....	.....	11.30	.....	3.15
Belleville.....	.....	12.80	.....	4.17
Toronto.....	12.08	11.96	3.38	3.52
Port Hope.....	.....	12.26	.....	3.50
Peterborough.....	.....	11.99	.....	3.87

Enough has probably been done for the present in placing these figures on record. It would be injudicious to generalise from such until it is perfectly certain that in all cases the greatest care has been exercised in sampling the milk properly. At the same time it is safe to remark that several of the milks mentioned in the above tables, as having been tampered with, nevertheless contain an amount of butterfat considerably above the proposed lowest limit of 3½ p. c. This only shows that the practice, indicated in the former Bulletin as possible, of skimming or even watering rich milk may be carried on without reducing the percentage of butterfat below that of other poorer but undoubtedly genuine milks.

From the data given in the above tables, it appears that two-thirds of the samples collected were genuine and of good quality. Had the preliminary testing

been done, it would probably have been found unnecessary to analyze these. The testing instruments which have been supplied to the I. R. Districts are as follows:—

- 1 Quevenne Lactodensimeter or hydrometer.
- 1 small Centigrade thermometer.
- 1 cylindrical glass jar.
- 1 Feser Lactoscope.
- 1 pipette of 4 cubic centimeters.

The first three of these are to be used in determining the specific gravity of the milk at 15° Centigrade, in the following manner: After the sample is thoroughly mixed and poured into the glass jar the lactodensimeter is lowered into it carefully and allowed to float. Care is to be taken that the instrument is entirely wetted by the milk and that no air adheres to it. When it has become stationary, the number of degrees on the stem which coincides with the surface of the milk is read off. It will be observed that in consequence of the adhesion of the milk to the glass, it curves up on the stem of the hydrometer about half a degree above the surface. This has to be allowed for and deducted in noting the figures on the stem. The latter after prefixing the figures 1·0, for which there is no room on the stem, gives the exact specific gravity of the milk at a temperature of 15° C. The temperature of the milk is not ascertained by the small Centigrade thermometer. If it is found to be 15° C. the observed specific gravity is correct; but should the temperature of the milk be higher or lower than 15° C., the specific gravity must be corrected by the aid of the following table:—

TABLE for Correcting the Density of Whole Milk.

TEMPERATURE OF THE MILK IN DEGREES CENTIGRADE.

Observed Degrees of Lactodensimeter.	0.	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
14.....	12.9	12.9	12.9	13.0	13.0	13.1	13.1	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8
15.....	13.9	13.9	13.9	14.0	14.0	14.1	14.1	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8
16.....	14.9	14.9	14.9	15.0	15.0	15.1	15.1	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8
17.....	15.9	15.9	15.9	16.0	16.0	16.1	16.1	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8
18.....	16.9	16.9	16.9	17.0	17.0	17.1	17.1	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8
19.....	17.8	17.8	17.8	17.9	17.9	18.0	18.1	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8
20.....	18.7	18.7	18.7	18.8	18.8	18.9	19.0	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.8
21.....	19.6	19.6	19.7	19.7	19.7	19.8	19.9	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.8
22.....	20.6	20.7	20.7	20.7	20.7	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.8
23.....	21.5	21.6	21.6	21.7	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.8
24.....	22.4	22.5	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.8
25.....	23.3	23.4	23.4	23.5	23.6	23.7	23.8	23.9	24.0	24.2	24.2	24.3	24.5	24.6	24.8
26.....	24.3	24.4	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.5	25.6	25.8
27.....	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.5	26.6	26.8
28.....	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	27.0	27.1	27.2	27.4	27.6	27.8
29.....	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	28.1	28.2	28.4	28.6	28.8
30.....	27.9	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	29.0	29.2	29.4	29.6	29.8
31.....	28.8	29.0	29.0	29.1	29.2	29.3	29.5	29.6	29.7	29.8	30.0	30.2	30.4	30.6	30.8
32.....	29.7	29.8	29.9	30.0	30.1	30.3	30.4	30.5	30.6	30.8	31.0	31.2	31.4	31.6	31.8
33.....	30.6	30.7	30.8	30.9	31.0	31.2	31.3	31.4	31.6	31.8	32.0	32.2	32.4	32.6	32.8
34.....	31.5	31.6	31.7	31.8	31.9	32.1	32.2	32.3	32.5	32.7	32.9	33.1	33.3	33.5	33.8
35.....	32.4	32.5	32.6	32.7	32.8	33.0	33.1	33.2	33.4	33.6	33.8	34.0	34.2	34.4	34.7

TEMPERATURE OF THE MILK IN DEGREES CENTIGRADE.

Observed
Degrees of Lactometer.

	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.
14.....	14.1	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8
15.....	15.1	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	17.0	17.2	17.4	17.6	17.8
16.....	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9
17.....	17.1	17.3	17.5	17.7	17.9	18.1	18.3	18.5	18.7	18.9	19.1	19.3	19.5	19.7	20.0
18.....	18.1	18.3	18.5	18.7	18.9	19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	21.0
19.....	19.1	19.3	19.5	19.7	19.9	20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7	21.0
20.....	20.1	20.3	20.5	20.7	20.9	21.1	21.3	21.5	21.7	21.9	22.1	22.3	22.5	22.7	23.0
21.....	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.6	23.8	24.1
22.....	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.6	23.8	24.1	24.3	24.5	24.7	24.9	25.2
23.....	23.2	23.4	23.6	23.8	24.0	24.2	24.4	24.6	24.8	25.1	25.3	25.5	25.7	25.0	26.3
24.....	24.2	24.4	24.6	24.8	25.0	25.2	25.4	25.6	25.8	26.1	26.3	26.5	26.7	27.0	27.3
25.....	25.2	25.4	25.6	25.8	26.0	26.2	26.4	26.6	26.8	27.1	27.3	27.5	27.7	28.0	28.3
26.....	26.2	26.4	26.6	26.9	27.1	27.3	27.5	27.7	27.9	28.3	28.4	28.6	28.9	29.2	29.5
27.....	27.2	27.4	27.6	27.9	28.2	28.4	28.6	28.8	29.1	29.3	29.5	29.7	30.0	30.3	30.6
28.....	28.2	28.4	28.6	28.9	29.2	29.4	29.6	29.9	30.1	30.4	30.6	30.8	31.1	31.4	31.7
29.....	29.2	29.4	29.6	29.9	30.2	30.4	30.6	30.9	31.2	31.5	31.7	31.9	32.2	32.5	32.8
30.....	30.2	30.4	30.6	30.9	31.2	31.4	31.6	31.9	32.2	32.5	32.7	33.0	33.3	33.6	33.9
31.....	31.2	31.4	31.7	32.0	32.3	32.5	32.7	33.0	33.3	33.6	33.8	34.1	34.4	34.7	35.1
32.....	32.2	32.4	32.7	33.0	33.3	33.6	33.8	34.1	34.4	34.7	34.9	35.2	35.5	35.8	36.2
33.....	33.2	33.4	33.7	34.0	34.3	34.6	34.9	35.2	35.5	35.8	36.0	36.3	36.6	36.9	37.3
34.....	34.2	34.4	34.7	35.0	35.3	35.6	35.9	36.2	36.5	36.8	37.1	37.4	37.7	38.0	38.4
35.....	35.2	35.4	35.7	36.0	36.3	36.6	36.9	37.2	37.5	37.8	38.1	38.4	38.7	39.1	39.5

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Thus if the observed density be 30, and the temperature 18° C., the corrected specific gravity at 15° will be 1.0306. The specific gravity of milk from a herd of not less than 4 cows varies from 1.029 to 1.033; and any milk having a specific gravity outside of these limits is to be regarded, as doubtful; and, without any further testing, submitted to the public analyst.

The milks which are found to have a specific gravity varying from 1.029 to 1.033 are not on that account to be considered genuine. For instance, abstraction of cream increases the specific gravity; but by subsequent addition of water it can again be brought within the indicated limits. It is, therefore, necessary to test the remaining milks further as to their approximate percentage of butterfat. For this purpose the Feser lactoscope is used. Its indications are founded upon a measurement of the degree of opacity possessed by the milk, which depends to a great extent upon the amount of butter it contains. The sample is again well mixed, and by means of the pipette, 4 c. c. of it are transferred to the lactoscope along with the rinsing of the pipette; water is now added, in small portions at a time and under frequent agitation, until the black lines on the white glass core in the centre of the instrument just become visible, and can be counted. When this is the case the figures shown on the scale at the surface of the liquid are noted. On the left side of the scale is found the quantity of water in cubic centimeters used in making the test, and on the right hand side the percentage of butterfat in the milk. For instance, if 70 c. c. water have been added to the milk in order to produce the degree of transparency above described, then it contains 3.5 p. c. butterfat.

Good average cow's milk does not contain less than 3.75 p. c. butterfat; and, if the lactoscope indicates a lower percentage, the sample must be referred to the public analyst. On the other hand, all samples which possess a specific gravity within the limits above mentioned and show by the lactoscope 3.75 p. c. butterfat are to be passed as genuine.

Although the Adulteration Act makes provision for the appointment of food inspectors by the municipalities, and the Department has sought to encourage action in this direction, very little has, so far, been done by municipal authority. The Department must therefore continue the collection and inspection of milk samples, but it may be necessary to state that it cannot go further and undertake the inspection of dairies, a duty which it believes to be incumbent upon the municipal health inspectors.

THOMAS MACFARLANE,
Chief Analyst.

1st December, 1887.

Bulletin No. 3.*Coffee.*

That coffee is one of the articles of food most subject to adulteration has long been known to the public of almost every civilised country. The condition of things with regard to this article in Canada is no better than elsewhere, as may be seen by a reference to the published letter of the Commissioner of Inland Revenue to the Minister, dated 23rd December, 1886, and to the reports of the various public analysts.

The Department has frequently undertaken legal proceedings, under the Adulteration Act, against the retailers and manufacturers of adulterated coffee, and, in the most of cases, has succeeded in obtaining convictions. It is scarcely practicable, however, to prosecute in every case, or to do so successfully before public sentiment has been sufficiently awakened to the necessity for such prosecutions. But it has been judged advisable to publish, in the following tables, the results of the analyses of coffee samples collected during the months of August and September last, with the view of giving the public some idea regarding the state of matters at the present time.

The method of analysis followed in examining these samples is, for the most part, that described by Mr. Anthony McGill, B. A., B. Sc., in his very valuable paper on the subject read before the Chemical Section of the Royal Society of Canada, on the 27th May, 1887. That paper must be referred to when information is desired concerning, more particularly, the chemistry of the subject. Besides discussing it from a practical point of view in this bulletin, a description will also be given of the preliminary test for coffee which the Department has adopted, as mentioned in the Commissioner's letter above cited.

Date of Collection.	No. of Sample.	Name of Vendor.	Residence.	Moisture.		ASH.				Caffeine.		Specific Gravity of 10 p.c. Extract.	Name of Analyst.	Price per lb.	Remarks.	
				p. c.	p. c.	Total.	Soluble in water.	Insoluble in water.	Insoluble in acid.	p. c.	p. c.					p. c.
1887.																
		HALIFAX, N.S.														
Aug. 23...	5383	Miss Quinn.....	11 Sackville St.....	4.72	3.97	2.60	1.37	0.42	0.14	1.01279	F. X. Lefebvre...	25	Contains roasted grain, besides about 15 p.c. chicory.			
do 23...	5384	R. H. Campbell.....	163 Water St.....	5.00	3.33	1.15	2.18	0.28	0.84	1.01465	do	25	do			
do 23...	5385	C. Graham & Co.....	23 Sackville St.....	3.71	4.33	2.94	1.59	0.45	1.40	1.01311	do	30	do			
do 23...	5386	A. McDougall & Son.....	234 Hollis St.....	3.63	4.57	3.71	0.86	0.05	1.38	1.01050	do	34	do			
do 23...	5387	D. F. Power & Co.....	47 Upper Water St.....	3.29	4.95	3.63	1.32	0.33	1.26	1.01263	do	24	Contains about 15 p.c. chicory.			
do 23...	5388	Daniel J. Chaston.....	102 Maynard St.....	3.65	4.43	2.83	1.60	0.61	1.21	1.01293	do	26	Contains roasted grain and about 15 p.c. chicory.			
do 24...	5389	M. Murphy.....	11 Cornwallis St.....	3.31	5.59	3.43	2.16	0.97	1.46	1.01401	do	26	Contains about 25 p.c. chicory			
do 24...	5390	Thos. O'Malley.....	438 Lockman St.....	3.50	4.56	3.57	0.99	0.16	1.48	1.01229	do	26	do			
do 24...	5371	Taylor & Christie.....	18 Buckingham St.....	3.34	4.45	3.43	1.07	0.17	1.67	1.01067	do	28	do			
do 24...	5372	James Sutherland.....	168 Argyle St.....	4.39	3.86	1.78	2.08	1.00	0.90	1.01946	do	33	Contains roasted grain and 50 p.c. chicory.			
		PICTOR, N.S.														
Aug. 27...	3316	John Munro.....	Front St.....	4.13	4.66	3.81	0.97	0.07	1.67	1.00993	E. X. Lefebvre...	40	Contains roasted grain and 15 p.c. chicory.			
do 27...	3317	W. S. Harris.....	do.....	4.98	4.86	2.79	1.57	0.52	1.10	1.01283	do	27	do			
do 27...	3318	W. S. Harris.....	do.....	3.81	4.46	3.24	1.22	0.36	1.64	1.00989	do	38	Contains over 10 p.c. chicory and some roasted grain.			
do 27...	3320	David Logan.....	Water St.....	4.15	4.46	3.13	1.33	.....	1.30	1.01195	do	30	do		
do 27...	3321	Dalzel Paterson.....	do.....	4.56	3.82	2.68	1.14	0.28	1.46	1.01193	do	30	do			
		ST. JOHN'S, N.B.														
Aug. 13...	6145	Irwin & King.....	143 Charlotte St.....	5.75	4.62	3.66	0.96	0.04	1.81	1.01034	A. McGill.....	40	Pure, but inferior in quality.			
do 13...	6150	J. hn P. Maloney.....	158 Duke St.....	5.90	4.46	3.50	0.96	0.01	1.26	1.01006	do	40	do			
do 13...	6152	E. V. Hunt.....	40 Sydney St.....	5.47	4.16	3.34	0.82	0.02	0.82	1.01004	do	40	do			
do 13...	6154	Dudne Breeze.....	1 King Square.....	6.16	4.98	3.68	0.90	0.08	.....	1.00955	do	34	do		
do 13...	6156	George Spiller.....	131 Charlotte St.....	6.93	4.68	3.42	1.28	.....	1.08	1.01188	do	36	Contains 10 p.c. chicory and some roasted grain.		
do 13...	6157	Robert Miller.....	113 Charlotte St.....	6.00	4.48	3.73	0.75	0.04	1.90	1.00980	do	36	do			

do	16...	6158	Peter Chisholm.....	29	Charlotte St.....	6:41	4:96	3:78	1:18	0:12	0:54	1:01000	do	36	Adulterated with foreign tigsue not yet identified.
do	16...	6159	P. J. McPherson.....	6:10	181 Union St.....	4:33	3:51	0:82	0:02	1:78	1:01040	do	.....	40	Contains some chicory and roasted peas.
do	16...	6160	J. D. McAvity.....	6:21	39 Brussels St.....	4:56	3:67	1:29	0:19	1:42	1:01082	do	.....	40	
do	16...	6161	Williams Bros.....	6:02	115 do	5:20	3:83	1:37	0:30	1:72	1:00996	do	.....	40	
QUEBEC.																
Aug.	10...	5196	Labrie & Gagné.....	5:50	St. Peter St.....	4:26	3:26	1:00	0:02	1:36	1:01006	A. McGill	.....	47	Traces of chicory.
do	10...	5197	foussaint & Co.....	6:00	22 do	4:96	3:32	1:64	0:46	1:36	1:01038	do	.....	45	
do	10...	5198	Séroué & Chouinard.....	5:60	Finley Market.....	4:30	3:72	1:08	0:10	1:44	1:01076	do	.....	40	do
do	10...	5199	Louis Poulin.....	6:00	do	4:78	3:80	0:98	0:06	1:56	1:01072	do	.....	40	do
do	10...	5200	Faquet & Potvin.....	6:10	4:53	3:62	1:06	0:04	1:42	1:01044	do	.....	36	do	
do	16...	6501	F. X. Fortier.....	6:20	Dorchester St., St. Roch	4:88	3:90	0:98	0:02	1:60	1:01050	do	.....	36	
do	16...	6502	J. B. Rousseau.....	5:16	St. Joseph St., do	4:36	3:36	1:00	0:04	1:27	1:00986	do	.....	40	Chiefly roasted grain with chicory and a little coffee.
do	16...	6503	J. E. Asselin.....	7:10	do	3:10	1:86	1:24	0:06	0:22	1:01574	do	.....	20	10 to 15 p.c. chicory, and traces of roasted grain.
do	16...	6504	J. Labée.....	6:10	do	4:68	3:30	1:38	0:18	0:88	1:01212	do	.....	32	
do	16...	6505	J. E. Vennet.....	6:85	do	4:40	3:34	1:08	0:06	1:38	1:00970	do	.....	40	
MONTREAL.																
Aug.	13...	4981	Dusseau Bros.....	7:71	595½ St. Lawrence St....	4:04	3:01	1:03	0:19	1:30	1:01416	McGill & Lefebvre	.....	40	Adult'd with a large amount of roasted beans or peas.
do	19...	4994	Joseph Sauche.....	6:98	1390 Mignonne St.....	4:00	2:88	1:12	0:29	1:10	1:01428	do	.....	28	do
do	19...	4996	P. Desautiers.....	7:26	602 Dorchester St.....	4:24	2:84	1:40	0:52	1:24	1:01460	do	.....	30	do
do	25...	7201	John L. Provost.....	7:37	114 Mansfield St.....	4:22	2:81	1:38	0:19	0:64	1:01708	do	.....	30	Adult'd with 35 p.c. chicory and much roasted grain.
do	25...	7202	do	5:16	do	4:56	3:82	0:74	0:10	1:78	1:01000	do	.....	40	Contains roasted peas, &c.
do	26...	7203	George Neill.....	7:08	1657 Ontario St.....	4:60	3:20	1:40	0:53	1:10	1:01394	do	.....	40	do
do	26...	7204	Daoust Bros.....	6:50	1878 Ste. Catherine St....	4:40	3:67	1:23	0:34	1:46	1:01410	do	.....	40	do
do	29...	7205	F. X. Gareau.....	5:51	1288 Mignonne St.....	4:72	2:97	1:76	0:80	1:36	1:01419	F. X. Lefebvre...	.....	40	Contains roasted grain and 20 p.c. chicory.
do	29...	7206	do	4:86	do	4:32	2:76	1:56	1:02	1:10	1:01489	do	.....	35	Contains roasted grain and 25 p.c. chicory.
Sept.	27...	7207	J. P. Beauvais.....	4:02	68 St. Antoine St.....	4:24	3:56	0:68	0:02	1:72	1:01028	do	.....	45	
SHERBROOKE.																
Sept.	9...	3229	C. O. Paterson.....	3:25	Waterville, Que.....	4:39	3:49	0:90	0:17	1:57	1:01002	F. X. Lefebvre...	.....	40	
do	9...	3231	J. & McIntosh.....	3:56	do	4:43	3:54	0:89	.....	1:54	1:01065	T. Macfarlane...	.....	40	
do	19...	3233	R. S. Parker.....	3:34	Sherbrooke.....	4:21	3:31	0:87	.....	1:30	1:01033	do	.....	40	
do	19...	3234	J. Gendron.....	3:24	do	4:14	3:32	0:82	.....	1:40	1:01015	do	.....	40	
do	19...	3236	L. Frouin.....	3:20	do	4:51	3:61	0:60	.....	1:68	1:01068	do	.....	40	

Date of Collection.	No. of Sample.	Name of Vendor.	Residence.	Moisture.	ASH.				Caffeine.	Specific Gravity, 10 p.c. Extract.	Name of Analyst.	Price per lb.	Remarks.
					Total.	Soluble in water.	Insoluble in water.	Insoluble in acid.					
1887.													
Aug. 11...	2930	KINGSTON. Stroud Bros.....	109 Princess St.....	8.10	4.56	2.86	1.70	0.40	0.9	1.02132	A. McGill	30	Contains 50 to 60 p.c. chicory. Contains 10 to 15 p.c. chicory, besides roasted peas or beans.
do 11...	2932		37 Brock St.....	5.40	4.52	3.36	1.16	0.20	1.16	1.01192	do	30	
Aug. 12...	2420	BELLVILLE. John Gilbert.....	Belleville.....	5.60	4.50	3.72	0.78	0.05	1.79	1.01000	McGill & Lefebvre	30	
do 12...	2421		do	5.70	4.72	3.78	0.94	0.05	1.90	1.01052	do	35	
Aug. 10...	2522	PRESBOTT. J. A. Paterson.....	Prescott.....	4.30	4.56	3.48	1.08	1.12	1.36	1.01004	A. McGill	35	
do 10...	2524		C. Whitney.....	King St.....	4.70	4.30	3.36	0.94	0.02	1.56	1.00982	do .....		40
Aug. 11...	3009	PERTH. Elliot & Davis.....	Perth	4.40	4.90	4.0	0.90	0.04	1.16	1.01120	A. McGill	40	Contains 5 p.c. chicory. Contains 15 to 20 p.c. chicory.
do 11...	3010		George Devlin.....	do	5.99	5.38	3.31	2.07	0.70	1.70	1.01316	do .....		35
Aug. 10...	6834	OTTAWA. William Wall.....	59 Rideau St.....	6.08	4.44	3.34	1.10	0.08	1.26	1.01324	A. McGill	40	Contains 15 to 20 p.c. chicory.
do 10...	6835		McLeod & Co.....	188 Sparks St.....	4.05	4.78	3.46	1.32	0.34	1.92	1.01626	do .....		40
Aug. 30...	7010	TORONTO. J. A. Wiseman.....	312 Parkdale.....	5.12	4.99	3.52	1.46	0.40	1.59	1.01401	F. X. Lefebvre...	35	Contains 20 to 25 p.c. chicory. do
do 30...	7011		F. R. Hoare.....	126 do	5.	4.86	3.61	1.35	0.36	1.59	1.01417	do .....		35

do	30..	7013	M. Barker	110 Queen St., Park Av.	4-77	4-54	3-50	1-04	0-12	1-52	1-01038	do	40	
do	30..	7013	R. W. Loudon	80 Queen St. W. do	4-86	4-34	3-38	0-96	0-09	1-25	1-01017	do	40	
do	30..	7014	F. Dean	22 Queen St.	4-61	4-48	3-46	1-02	0-13	1-20	1-01036	do	35	
do	30..	7015	Mrs. Jas. Davie	1046 Queen St.	5-32	4-21	3-13	1-08	0-14	1-33	1-01318	do	35	Contains roasted peas and 16 p.c. chicory.
PORT HOPE.														
Aug	20..	2830	D. J. MacLennan	Port Hope	4-40	4-80	3-66	1-14	0-11	1-71	1-00982	F. X. Lefebvre...	30	
do	20..	2832	Simpson & Reed	do	4-78	4-42	3-59	0-83	0-03	1-60	1-00993	do	40	
do	20..	2831	J. Mitchell	do	4-76	4-56	3-76	0-50	0-05	1-66	1-01078	do	40	
PETERBOROUGH.														
Aug	19..	3120	John Cameron	George St.	5-07	4-57	3-55	1-02	0-17	1-62	1-01032	F. X. Lefebvre...	40	
do	19..	3121	Rush Bros.	do	4-54	4-38	3-54	0-84	0-03	1-53	1-00980	do	40	
do	19..	3122	Elliott & Turney	do	4-50	4-30	3-36	0-91	0-01	1-33	1-00886	do	40	
COBOURG.														
Aug.	19..	2826	Thomas Battle	Cobourg	4-54	4-67	3-92	0-75	0-05	1-50	1-01080	F. X. Lefebvre...	40	
do	19..	2837	Hoosy & Son	do	4-45	4-47	3-58	0-89	0-07	1-84	1-01002	do	40	
do	19..	2828	William Burnett	do	4-45	4-40	3-44	0-93	0-14	1-62	1-0-942	do	30	
WINNIPEG.														
Aug	13..	5726	E. B. Routledge	463 Main St. .	3-80	5-64	3-62	2-02	0-80	1-18	1-01208	A. McGill	50	Contains 10 to 12 p.c. chicory
do	13..	5727	do	do	7-20	4-26	2-68	1-52	0-34	0-63	1-01820	do	35	Contains 40 p.c. chicory and some burnt wheat.
do	17..	5728	Canada P. Tea Co.	Winnipeg	4-10	4-58	3-34	1-24	0-12	1-60	1-01082	do	40	Cont. less than 5 p.c. chicory
do	17..	5731	J. Mullen	46 McDermott St	5-73	4-23	3-08	1-20	0-18	1-38	1-01626	McGill & Lefebvre	50	Contains 30 to 36 p.c. chicory.
do	17..	5733	H. Hodges & Son	353 Main St.	4-51	4-42	3-43	0-99	0-04	4-67	1-01032	do	50	
do	17..	5735	A. Anderson	Portage Ave	6-08	4-14	3-16	0-98	0-06	1-41	1-01991	do	30	
do	17..	5737	Roberts Bros	51 Portage Ave	6-09	4-36	3-28	0-98	0-06	1-40	1-00970	do	60	
do	19..	5738	J. S. Mills & Co	168 Main St.	5-90	4-88	3-79	1-02	.....	1-45	1-01062	do	40	
do	19..	5739	George Adam	79 McDermott St	5-37	5-02	3-79	1-23	.....	1-80	1-01026	do	40	
do	19..	5740	B. Moffatt	69 McDermott St	4-71	4-74	3-94	0-80	.....	1-70	1-00944	do	50	Contains 20 p.c. chicory.

It is to be understood that where, in the remark column of these tables, no comment is made, the sample is regarded as genuine. The following recapitulation shows the number of samples collected, and the number found adulterated :—

	No. collected.	Adulterated.	Genuine.
In Halifax, N.S.	10	8	2
Pictou, N.S.	5	3	2
St. John, N.B.	10	4	6
Quebec.....	10	5	5
Montreal	10	8	2
Sherbrooke.....	5	0	5
Kingston.....	2	2	0
Belleville	2	0	2
Prescott.....	2	0	2
Perth	2	2	0
Ottawa	2	1	1
Toronto.....	6	3	3
Port Hope.....	3	0	3
Peterborough.....	3	0	3
Cobourg	3	0	3
Winnipeg.....	10	5	5
	<u>85</u>	<u>41</u>	<u>44</u>

It appears therefore, that 48 per cent. of those samples were impure, but it is not to be supposed that this proportion represents the exact amount of adulteration which prevails. In many of the towns mentioned the collectors of the samples were known to the vendors as revenue officers, and may have been intentionally furnished with articles very much better in quality than those usually sold. There is good reason for supposing that even when pure coffee is asked for by ordinary purchasers they do not always obtain it. In order that, hereafter, the samples collected, not only of coffee, but of other articles of food, may correctly represent the character of the goods sold, the Minister of Inland Revenue has arranged to have the samples taken by persons quite unknown in the locality where the collection is made. It may, therefore, be expected that, in future bulletins, the figures published will give a more exact representation of the characters of the various foods sold throughout the Dominion.

Among the forty-one samples of adulterated coffee above described it will be observed that nineteen were mixed with chicory or other substances free from starch, while twenty-two, besides nearly all containing chicory, had considerable amounts of roasted grain, peas or beans in their composition as well. It has not been, in all cases, found possible to distinguish the origin of the starch, and it is quite possible that some, ascribed to roasted grain, has really been added in the shape of roasted peas. In fact the latter substance is one of the chief adulterants, for this well known that considerable quantities of it, in a coarsely ground or "cracked" condition, are imported into Canada to be used for mixing with coffee. Whatever some persons may say in favor of using chicory for this purpose, it is plain that the use of roasted peas can have no defenders. Nor does it bring to the working man such a reduction in the price as would justify his purchasing a mixed coffee containing it. The cost of the samples is mentioned in the above tables, and from these it appears that frequently the price of the adulterated is almost as much as the pure article. But taking the lowest prices of 26 cents or 30 cents per pound, it is evident that such are high rates to pay for roasted peas.

The suits which were undertaken by the Department for coffee adulteration, were only in cases of the most flagrant nature and where roasted grain or peas had been used as the admixture. It appears, however, from the above tables that many cases of adulteration with chicory were equally worthy of punishment. As much as

60 per cent. of it has in some cases been found, and those who advocate its use would scarcely recommend an addition of more than 15 or 20 per cent. When it is considered that roasted chicory contains nothing in the shape of nutriment except sugar, and that it is owing to the presence of the latter, in a burnt condition, that it is useful in coloring the decoction, it is difficult to see why any one should persist in using it. The truth is, that its addition is no improvement to the coffee, and if enquiry be made at those hotels or restaurants where a cup of good coffee is obtainable, it will be found that only the pure article is used in preparing it. However this may be, it would seem necessary to fix a limit as regards the extent to which chicory may be used in a "coffee mixture," so that none containing over, say, 20 per cent. of it may be sold.

It has been remarked, both on the bench and in the press, with regard to the prosecutions undertaken by the Department, that it was unfair to bring such against the retailers; that the manufacturers were more to blame. It may be answered that suits against the latter have been successfully carried through by the Department, but it is the fact that, as is evident from the price lists of manufacturers, the retailers are or ought to be well aware of the adulterated character of much of the coffee they sell. At any rate there is certainly no justification for the sale, as coffee, of an article like one of the samples above mentioned, which is described as "chiefly roasted grain with chicory and a little coffee." To those who know how enjoyable a cup of really good coffee is, the suppression of its adulteration will appear a meritorious work. Some people are even of opinion that, if such a pure beverage were readily obtainable, the consumption of alcoholic liquors would be very considerably lessened.

With regard to the preliminary test which the collectors of coffee samples will hereafter be instructed to use, it may be remarked that it is Hager's method as modified by Mr. McGill. It is to be carried out as follows:—

Prepare a saturated solution of common salt. Shake up a small quantity of the coffee to be tested with ten times its bulk of the brine, in a test tube at least three-fourths of an inch in diameter. Repeat the shaking twice, so that the coffee may be thoroughly wetted, and then allow the tube to stand for half an hour. Observe then the color of the brine, and the quantity of the sample floating on the surface, as well as the amount deposited at the bottom of the tube. If the color is a very pale amber, and nearly the whole of the coffee floats, the sample may be assumed to be pure. A decidedly darker or yellow tint indicates admixture of chicory, etc., in which case there is also a larger deposit. This increases and the color of the brine grows darker with the impurity of the coffee. With 30 per cent. chicory the brown color is very marked, and with a still larger percentage of adulterant the brine becomes dark brown.

The collectors or food inspectors will, of course, be instructed to keep a record of the samples tested, and to send to the Department or the public analyst only such as are found to be doubtful by this method. In this way it is hoped that a larger number of samples will be inspected, and that the necessity will be avoided for submitting too many pure coffees to analysis.

THOMAS MACFARLANE, F.R.S.C.,
Chief Analyst.

OTTAWA, 11th February, 1888.

Bulletin No. 4.*Fertilisers, 1888.*

The results of the analysis of the samples of Agricultural Fertilisers furnished to the Department, by manufacturers and vendors throughout the Dominion, during 1886 and 1887, have been recorded in the usual supplements to the annual departmental reports. Since, however, much delay necessarily occurs before these can reach the public, it has been thought advisable to publish the results of the examination of the fertilisers offered for sale in 1888 in the present form.

Although the Fertilisers Act, 1885, requires that the samples shall be provided "in the course of the month of January in each year," and although its provisions have been extensively advertised, still samples continued to be forwarded to the Department up to the beginning of the present month. The consequence is that the publication of this Bulletin has been delayed beyond the time when purchases of fertilisers are made for spring use. It is impossible that this irregularity can be allowed in future, and it will be well for those engaged in the trade to note that hereafter samples reaching the department later than the 31st of January will be neglected, so that no delay may take place in the issue of the Fertiliser Bulletin, which it is proposed to publish at the end of March in each year. It is to be remembered that a further consequence of the failure to provide samples of fertilisers at the proper time will be that the sale of such will become illegal, and that the Department will be obliged to prosecute parties offering them. Manufacturers must by this time be aware that the Fertilisers Act is in full operation, and that, in the interest of the farming community, its provisions must be strictly enforced.

The following is a list of the samples received for 1888, together with the names of the manufacturers and the parties from whom they were received. After it is given a table showing the results of analysis.

RECORD of Fertilisers Analysed.

No.	Designation.	Name of Manufacturer.	By Whom Sent.	Price per Ton.
				\$
59	Pure bone	W. P. Churchill, Yarmouth, N.S.	.....	34
60	Bradley's XL phosphate.....	Bradley's Fertilising Co., 27 Kilby Street, Boston, Mass.	Robt. Bradley, Treas.....	39
61	Bradley's patent super-phosphate			
62	Superphosphate	Brockville Chemical and Superphosphate Co., Brockville, Ont	Henry Torrance, acting Manager.....	32
63	Acid phosphate			
64	Special fertiliser.....	Standard Fertiliser and Chemical Co., Smith's Falls, Ont.....	R. Brodie Manager	40
65	Standard fertiliser.....			
66	Fruit tree fertiliser			
67	No. 1 fertiliser			
68	Superphosphate of lime			
69	Lawn dressing.....			26
70	Phosphate manure	Peter R. Lamb & Co., Toronto....	Manufacturers.....	25
71	Bone meal			
72	Phosphate screenings.....			20
73	Fish fertiliser.....	E. R. Oakes, Digby, N. S.....	do	
74	Bradley's XL phosphate.....	Bradley's Fertiliser Co., Boston...	J. D. B. Fraser & Son, Pictou, N.S.	39
75	Alkaline bone	E. Frank, Coe		
76	High grade fertiliser			
77	Popular phosphate.....	Jack & Bell, Halifax, N.S.....	Manufacturers.....	40
78	Ground bone.....			
79	Medium bone.....			
80	Bone meal	Pidgeon & Mosher, Windsor, N.S.	do	39
81	Superphosphate	Thomas Reid, St. John, N.B.....	do	40
82	Superphosphate fertiliser.....	Clark's Cove Guano Co.	J. M. Auld, Charlotte- town, P.E.I.	
83	Bay State fertiliser.....		Geo. Carter, Charlotte- town, P.E.I.	
84	Carter's turnip fertiliser.....	James Carter & Co., London, E...	W. B. Robertson & Co., Charlottetown, P.E.I....	
85	Rennie's blood manure.....	Wm. Rennie, Toronto.....	Manufacturers	38
86	Ceres superphosphate.....	Jack & Bell, Halifax	Jardine & Co, Importers, St. John, N.B.	
87	Cumberland superphos- phate	Cumberland Bone Co.	do	
88	Seeding-down fertiliser.....	Bradley & Co, Boston, Mass.	do	39
89	Bradley's XL superphosphate	do	Manufacturers.....	
90	B. D. seafowl guano	D. P. Cory, Consecon, Ont	do	
91	Superphosphate of lime	E. Frank, Coe.....	McGregor & Co., New Glasgow, N.S.....	
92	High grade ammoniated bone superphosphate.....			
93	Red brand excelstor guano	Pacific Guano Co., Wood Holl, Mass.....	Glidden & Curtis, Boston	40
94	Soluble pacific guano.....	H. & E. Albert, 17 Gracechurch Street, London, E.	Manufacturers.....	12
95	Thomas phosphate powder...	Samuel Archibald, Truro, N.S. ...	do	
96	Fertiliser	Clark's Cove Guano Co.	W. H. Watlington, Tor- onto.	
97	Defiance complete fertil- iser.....			
98	Lawn and garden fertiliser			

ANALYSIS OF FERTILISERS.

No. of Sample.	Name of Brand of Fertiliser.	AMMONIA.	PHOSPHORIC ACID.					POTASH.	
		Sometimes as Nitrogen.	Soluble in Water.	Reverted, or as Bone Phosphate.	Insoluble.	Total.	Total Available.		Moisture.
		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.
59	Pure Bone— Guaranteed								
	Found	4.42		18.50		18.50	18.50		7.95
60	Bradley's X L Phos- phate— Guaranteed	2½ to 3½	8 to 10			10 to 12	8 to 10	1 to 2	
	Found	2.52	6.81	1.65	3.46	11.92	8.46	2.12	15.28
61	Bradley's Patent Super- phosphate— Guaranteed	2½ to 3½	6 to 8			10 to 12	6 to 8	1½ to 2½	
	Found	2.63	6.94	2.09	3.22	12.26	9.03	2.64	14.59
62	Superphosphate— Guaranteed	1.72	9.91		3.62		9.91	2	11.25
	Found	1.58	9.21	1.31	1.61	12.13	10.52	1.75	19.50
63	Acid Phosphate— Guaranteed		17.47		2.55		17.47		10.88
	Found		16.72	0.82	0.65	18.26	17.61		11.14
64	Special Fertiliser— Guaranteed	2½ to 4½				10 to 12	8 to 10	6 to 8	
	Found	3.49	6.48	1.30	3.62	11.40	7.78	7.21	10.47
65	Standard Fertiliser— Guaranteed	2½ to 3½				11 to 12	9 to 11	2 to 2½	
	Found	2.88	7.57	1.63	3.96	13.16	9.20	2.85	12.60
66	Fruit Tree Fertiliser— Guaranteed	2 to 3				10 to 12	8 to 10	8 to 10	
	Found	2.26	7.79	1.35	2.46	11.60	9.14	9.42	11.58
67	No. 1 Fertiliser— Guaranteed	1½ to 2½				12 to 14	9 to 11	1 to 1½	
	Found	1.75	8.94	1.83	3.54	14.31	10.77	1.96	13.50
68	Superphosphate of Lime— Guaranteed					14.16	12 to 14		
	Found		10.04	1.38	3.41	14.81	11.40		15.61
69	Lawn Dressing— Guaranteed	2 to 3				6 to 8	4 to 5	2½ to 3½	
	Found	3.23	4.79	0.96	3.01	8.76	5.75	3.58	19.78
70	Phosphate Manure— Guaranteed	4.01	1.50	3.75			5.25		
	Found	6.14		5.86		5.86	5.86		4.54
71	Bone Meal— Guaranteed	2.00		20.00			20		
	Found	2.38		26.14		26.14	26.14		9.32
72	Phosphate Screenings— Guaranteed	3.16	1.12	7.60			8.72		
	Found	7.91		8.93		8.93	8.93		5.36

ANALYSIS OF FERTILISERS—Continued.

No. of Sample.	Name of Brand of Fertiliser.	AMMONIA.		PHOSPHORIC ACID.				POTASH.	
		Sometimes as Nitrogen.	Soluble in Water.	Reverted, or as Bone Phosphate.	Insoluble.	Total.	Total Available.	Moisture.	
		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.
73	Fish Fertiliser— Guaranteed..... Found.....	3.36			2.13	2.13			25.48
74	Bradley's X L Phosphate— Guaranteed..... Found.....	2½ to 3½ 2.72	8 to 10 6.94	2.10	2.50	11.54	8 to 10 9.14	1 to 2 1.51	12.55
75	Alkaline Bone— Guaranteed..... Found.....	1.02	5.93	2.91	4.31	13.15	9 to 12 8.84	1.62 to 2.18 1.70	8.57
76	High Grade Fertiliser— Guaranteed..... Found.....	2½ to 3 2.21	7.14	1.54	1 to 2 3.02	12.00	9 to 12 8.98	1.62 to 2.18 2.50	9.47
77	Popular Phosphate— Guaranteed..... Found.....	1.20 to 1.62 1.02	2.91	1.19		5.38 to 6.16 4.10		1.12 to 1.24 1.42	17.82
78	Ground Bone— Guaranteed..... Found.....	3.01 to 3.32 4.67				23.27 23.74	23.27 23.74		8.85
79	Medium Bone— Guaranteed..... Found.....	3.01 to 3.32 3.91				23.27 22.73	23.27 22.73		8.75
80	Bone Meal— Guaranteed..... Found.....	3.01 to 3.32 4.59				23.27 20.92	23.27 20.92		10.50
81	Superphosphate— Guaranteed..... Found.....	2.72	6.23		Traces..	6.23	6.23	1.70	9.09
82	Superphosphate Fertiliser— Guaranteed..... Found.....	5.04	0.77	5.59	5.14	11.50	11.50		25.02
83	Bay State Fertiliser— Guaranteed..... Found.....	2½ to 3½ 3.91	9.05	1.47	2.79	13.31	9 to 12 10.52	2 to 3 1.05	4.83
84	Carter's Turnip Fertiliser— Guaranteed..... Found.....	1.10 1.19	9.20 8.95	1.07	0.70	12.42 10.72	9.20 10.02	1.64 2.22	8.70
85	Rennie's Blood Manure— Guaranteed..... Found.....	5.95 9.43	0.32			8.87 10.53		2.04 0.89	10.92 4.84
86	Ceres Superphosphate— Guaranteed..... Found.....	2 to 2.67 1.36	5.08	1.92	1.39	10.16 8.40	10.86 8.40	2.13 to 2.44 3.69	19.84

ANALYSIS OF FERTILISERS—Continued.

No. of Sample.	Name or Brand of Fertiliser.	AMMONIA.		PHOSPHORIC ACID.				POTASH.	Moisture.
		Sometimes as Nitrogen.	Soluble in Water.	Reverted, or as Bone Phosphate.	Insoluble.	Total.	Total Available.	p. c.	
		p. c.	p. c.	p. c.	.	p. c.	p. c.	p. c.	p. c.
87	Cumberland Superphosphate—								
	Guaranteed	2 to 3	5 to 7	3 to 5	2 to 4	12 to 14	.....	2 to 3	.....
	Found	2.21	5.53	5.21	3.53	14.27	10.74	3.27	12.50
88	Seeding Down Fertiliser—								
	Guaranteed	2	2 to 4	3 to 5	11 to 13	18 to 20	.....	1	.....
	Found	1.70	2.26	11.61	10.35	24.23	13.87	1.40	14.52
89	Bradley's XL Superphosphate—								
	Guaranteed	2½ to 3½	8 to 10	.....	.....	10 to 12	.....	1 to 2	.....
	Found	3.06	7.04	2.91	2.92	12.87	10.31	2.19	13.42
90	B. D. Seafowl Guano—								
	Guaranteed	2½ to 3½	8 to 10	.....	.....	10 to 12	8 to 10	1 to 2	.....
	Found	2.55	7.05	1.69	3.33	12.12	8.74	1.93	10.60
91	Superphosphate of Lime—								
	Guaranteed .....	.....	.....	.....	.....	.....	.....	.....	.....
	Found	1.50	0.19	.....	0.60	0.79	.....	.....	21.51
92	High Grade Ammoniated Bone Superphosphate—								
	Guaranteed	2½ to 3	.....	.....	1 to 2	.....	9 to 12	1.91	.....
	Found	2.81	7.25	1.25	3.38	11.88	8.50	1.83	10.62
93	Red Brand Excelsior Guano—								
	Guaranteed	4 to 5	.....	.....	.....	10 to 12	.....	5.47	.....
	Found	3.74	6.41	1.06	1.40	8.87	7.47	4.53	10.65
94	Soluble Pacific Guano—								
	Guaranteed	3.34	.....	.....	1.94	12.03	10.09	2.73	.....
	Found	3.23	6.37	2.60	2.45	11.42	8.97	2.66	12.35
95	Thomas Phosphate Powder—								
	Guaranteed .....	.....	.....	.....	.....	17 to 20	.....	.....	.....
	Found .....	.....	.....	3.96	14.08	18.04	.....	.....	9.10
96	Fertiliser—								
	Guaranteed	1.50	2.45	.....	6.05	8.50	.....	.....	.....
	Found	0.68	None.	.....	2.15	2.15	.....	.....	12.40

ANALYSIS OF FERTILISERS—*Concluded.*

No. of Samples.	Name or Brand of Fertiliser.	AMMONIA.	PHOSPHORIC ACID.					POTASH.	Moisture.
		Sometimes as Nitrogen.	Soluble in Nitrogen.	Reverted or as Bone Phosphate.	Insoluble.	Total.	Total Available.		
		p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.	p. c.
97	Defiance Complete Fertiliser—								
	Guaranteed.....	1 to 1½	.....	.....	.....	.....	6 to 8	2 to 3	.....
	Found.....	1·02	1·51	0·35	4·26	6·12	.....	2·70	11·76
98	Lawn and Garden Fertiliser—								
	Guaranteed.....	4 to 6	.....	.....	.....	.....	5 to 7	4 to 5	.....
	Found.....	2·89	3·57	0·05	4·41	8·03	.....	4·59	9·04

The Fertilisers Act requires that every ammoniated superphosphate shall contain at least 5 per cent. of soluble phosphoric acid and 2 per cent. of ammonia, and that every acid phosphate or dissolved bone shall contain at least 8 per cent. of available phosphoric acid. An inspection of the figures in the foregoing table will show that Fertilisers Nos. 73, 77, 91, and 96 do not come up to the standard, and consequently their sale at any higher price than \$10 per ton is illegal. Neither does the law seem to have been complied with in Nos. 97 and 98, although these cases are doubtful owing to the difficulty of distinguishing between the insoluble phosphoric acid of bone and of mineral phosphate when present in compounded manures.

In a former report dated 20th December, 1886, attention was called to the large amount of money which farmers pay for the ammonia in these fertilisers, and which might be saved if sufficient care were taken to preserve that contained in barn-yard manure. Nearly the whole of the nitrogen in the fodder fed to farm stock is to be found in the excrements of the animals, and one-half of it is contained in the urine. It is further the fact that 95 per cent. of the potash contained in the food of oxen and sheep may be recovered by carefully saving the liquid manure only. To secure the nitrogen or ammonia and the potash, the means are very simple. The dung from the different animals should be brought together, and kept under cover at a lower level than the stable floor, so that the liquid manure may flow upon, over and down through it. In this way all the different sorts and both parts of the manure are properly blended, the solid part and the bedding kept moist and none of the urine escapes. It is further necessary to strew the stable floor, below and behind the animals, with 2 lbs. per 1000 lbs. live weight, daily, of ground plaster or sulphate of lime, which has the effect of retaining the ammonia resulting from the decomposition of the liquid, and the fermentation of the solid manure.

It has recently been proposed to obtain these results by the use of superphosphate, in place of ground plaster, and experiments by Heiden, Dietzell and others in this direction have been entirely successful. Dietzell mentions that $1\frac{1}{4}$ lbs. of phosphoric acid only are required for the treatment of 1000 lbs. of stable manure. The use of "plain superphosphate" in this way must result in the production of a manure of every excellent quality.

No. 95 in the above table is a sample of the finely ground Thomas-Gilchrist slag to which reference was made in my report of 25th December, 1886. The determination of the "reverted" phosphoric acid in it was made in the same manner as the other fertilisers, and not by any of the special methods recommended for this material. No. 95 is guaranteed to be so finely ground that 85 to 90 per cent. of it passes through a 100 mesh sieve. Large quantities of this substance are now being used by English and German Agriculturists. In the second half of last year 120,547 tons were sold in Germany, of which quantity 13,288 tons were exported.

THOMAS MACFARLANE.

Chief Analyst.

21st May, 1888.

Bulletin No. 5.*Domestic Waters.*

The outbreak of typhoid fever which occurred in Ottawa City last November was, at that time, attributed by many persons to the impure character of the water supplied by the corporation from the Ottawa River. It was not supposed that the river water itself had occasioned the disease, but it was asserted that contamination had been introduced into it from Rochester Creek, and had then found its way to the supply pipe. The matter was reported upon by an investigating Committee of the Provincial Board of Health, and several analyses of the water were carried out by Professor Marsan, M. A., of Ottawa College, and Mr. Frank Schutt, M. A., F.C.S. Chemist of the Central Experimental Farm. Differences of opinion continued, and some controversy took place, chiefly with regard to the propriety of forming a judgment regarding the purity of water by comparing the results obtained from its analysis with standards adopted in Great Britain or the United States.

Considering the very different nature of the "uplands" of Canada from those of other countries, and the fact that its rivers rise for the most part in forest covered districts and often pass through marshy land and lakes, there seems to be some grounds for doubting the justice of using foreign standards wherewith to judge them. I therefore suggested to the Commissioner of Inland Revenue the wisdom of collecting samples of domestic waters from various parts of the Dominion, and analysing them by a uniform method in order if possible to ascertain the relative purity of the water available for drinking purposes in various cities and towns of the Dominion. The Commissioner approved of the suggestion, and issued orders for collecting the samples, which was done for the most part in February and March last. The work done upon these samples by the various district analysts will be given in the regular Departmental Report. In the present bulletin reference will only be made to the analyses carried out by my assistant, Mr. Anthony McGill, B.A., who was especially careful in subjecting all the samples to exactly the same mode of treatment. Mr. McGill's results are given in the following tables, and after these will be given his report on the subject in his own words.

RIVER WATERS {

Serial Number.	Departmental Number and Designation.	Date of Collection.	Source.	Physical Character.	TOTAL SOLIDS.			Phenomena on Ignition.
					Dry at 100° C.	Ig-nited.	Loss.	
1	1. Montreal....	Feb. 8...	Wheel house at water works.	.....	80 5·6	.....	.....	.....
2	2. Montreal....	Feb. 8...	St. Cunegonde Water Works.	Clear; nearly colorless.	132 9·24	52 3·64	80 5·6	Slight charring.
3	3. Montreal....	Feb. 9...	Entrance of cut from St. Lawrence to wheel house.	Clear; very pale straw color.	.....	.....	.....	.....
4	4. Montreal....	Feb. 10...	Tap in laboratory, In. Rev. office.	.....	.....	.....	.....	.....
5	7. Montreal....	Feb. 11...	Tap in fire station, 12.	Clear; very pale straw color.	.....	.....	.....	.....
6	8. Montreal....	Feb. 11...	Tap in fire station, 11.	Clear; pale straw color.	.....	.....	.....	.....
7	9. Montreal....	Feb. 13...	St. Lawrence, 10 ft. from wharf of Hochelaga Cotton Co.	Fairly clear; straw color.	132 9·24	96 6·72	36 2·52	.....
8	17. N.S.....	Feb. 18...	A brook 1 mile south of Truro, N.S.	Clear; light brown color.	36 2·52	12 0·84	24 1·68	Blackened
9	119.....	Feb. 20...	River St. Lawrence at Three Rivers. at outlet of main sewer near Bagstock's Well.	Clear; dark straw color.	144 10·08	76 5·32	68 4·76	Blackened
10	1. Ottawa	Feb. 27...	Ottawa River. mouth of clear water pipe, at depth of 14 ft.	Fairly clear; very dark color.	52 3·64	16 1·12	36 2·52	Blackened
11	2. Ottawa	Feb. 27...	South side of Ottawa River, below mouth of Rochester Creek.	Clear; dark brown color.	44 3·08	16 1·12	28 1·96	Distinct blackening.
12	3. Ottawa	Feb. 27...	Pier No. 3, C.P.R. Bridge, at depth of 2½ ft.	Clear; dark brown color.	80 5·6	44 3·08	36 2·52	Blackened.....
13	4. Ottawa	Feb. 28...	Ottawa River, at mouth of Rideau.	Slight turbidity; dark color.	160 11·2	76 5·32	84 5·88	Slight blackening.
14	.....	May 3...	From tap at laboratory.	Fairly clear; dark brown color.	.....	.....	.....	.....
15	32. N.B.....	Feb. 29...	River St. John, at Fredericton, N.B.	.....	72 5·04	40 2·8	32 2·24	Blackened
16	142. Que	Mar. 6...	Richelieu, near St. John's Que.	.....	68 4·76	24 1·68	44 3·08	Blackened

First line of Figures, parts per Million (millegrammes per litre).
 Second line of Figures grains per Gallon.

NITROGEN.			Chlorine in Chlorides.	Phosphates.	Oxygen, consumed by Organic Matter at 80° Fahr.		Valuation.	A.	B.	Remarks.
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrites.			15	4				
					Minutes.	Hours				
0.1230 0.0086	0.0510 0.0036	.....	3.0 0.21	Doubtful traces.	0.360 0.025	0.480 0.034	.....	II	I	Good.
0.0658 0.0046	0.0247 0.0017	0.0753 0.0053	3.0 0.21	None.	0.120 0.008	0.480 0.034	17.5	I	I	Good.
0.1975 0.0138	0.0905 0.0063	None.	0.0 0.28	None.	0.360 0.025	0.680 0.048	.....	III	I	Fairly good.
.....	0.0527 0.0037	.....	4.0 0.28	None. ....	.....	1.016 0.071	.....	.....	I	
0.0658 0.0046	0.0082 0.0006	0.1418 0.0099	3.0 0.21	.....	0.184 0.013	0.400 0.028	.....	I	I	Good.
0.0526 0.0037	0.0082 0.0006	0.0918 0.0064	3.0 0.21	.....	0.196 0.014	0.400 0.028	.....	I	I	Good.
0.1135 0.0079	0.0823 0.0058	None.	4.0 0.28	None.	0.168 0.012	0.840 0.059	30.+	II	I	Fairly good.
0.0806 0.0056	0.0164 0.0011	0.1336 0.0093	4.5 0.32	None.	1.168 0.082	2.720 0.190	71.5	II	II	Fair.
0.1823 0.0128	0.0132 0.0009	0.3368 0.0236	8.0 0.56	Heavy traces.	1.836 0.129	4.380 0.307	115.5	III	IV	Impure.
0.2748 0.0192	0.0132 0.0009	.....	2.0 0.14	None.	2.808 0.197	5.760 0.403	164.+	III	IV	Impure.
1.2469 0.0173	0.0098 0.0007	.....	2.5 0.18	Doubtful traces.	2.768 0.194	6.280 0.439	164.+	III	IV	Impure.
0.1975 0.0138	0.0049 0.0003	.....	2.0 0.14	None.	2.664 0.186	5.800 0.406	152.+	III	IV	Impure.
0.2469 0.0173	0.1152 0.0081	.....	4.5 0.32	Traces.	1.652 0.116	3.832 0.268	118.+	III	IV	Impure.
0.1234 0.0086	0.0543 0.0038	0.2457 0.0172	1.5 0.105	.....	2.848 0.199	5.208 0.365	149.+	III	IV	Impure.
0.1069 0.0075	0.0592 0.0011	.....	0.0	None.	1.692 0.118	3.020 0.211	89.+	II	III	Fair.
0.0658 0.0046	0.0279 0.0020	.....	9.0 0.63	None.	0.744 0.052	1.848 0.029	46.+	I	II	Good.

RIVER WATERS

Serial Number.	Departmental Number and Designation.	Date of Collection.	Source.	Physical Character.	TOTAL SOLIDS.			Phenomena on Ignition.
					Dry at 100° C.	Ig-nited.	Loss.	
17	143. Que.....	Mar. 6...	Tap at the barracks, St. John's.	Clear; straw color.	60 4.2	40 2.8	20 1.4	Blackened
18	145. Que.....	Mar. 6...	Tap in school at St. John's, Que.	Clear; straw color.	68 4.76	32 2.24	36 2.52	Blackened
19	62.....	Mar. 20..	Otonabee River at Peterboro'.	Clear; light brown color.	112 7.84	60 4.2	52 3.64	Decided blackening.....
20	158.....	Mar. 24..	Avon, near Stratford, Ont.	Slight turbidity; light brown color.	204 14.28	112 7.84	92 6.44	Blackened
21	5800	May 8...	Assiniboine River, near Winnipeg.	Very turbid When clear by subsidence has a brownish color.	356 24.92	276 19.32	80 5.6	Blackened

WELL WATERS {

1	5. Que.....	Feb. 10..	Well at 56 Champlain Street, Montreal.	.....	180 12.6	120 8.4	60 4.2	.....
2	6. Que	Feb. 10..	Well at 122 Dufferin Street, Montreal.	.....	1112 77.84	.....	.....	.....
3	10. N.S.	Feb. 15..	"Fly Catcher's Pump" at Pictou, N.S.	.....	240 16.8	144 10.08	96 6.72	No charring
4	14. N.S.	Feb. 16..	McPherson's Well, New Glasgow, N.S.	Clear, and nearly colorless.	360 25.2	250 17.5	110 7.7	.....
5	19. N.S.	Feb. 18..	Well at Truro, N.S., in centre of town.	Clear, and colorless.	152 10.64	100 7.0	52 3.64	No charring
6	115. Que.....	Feb. 16..	Well on St. Viateur Street, Joliette.	Some turbidity; very brown color.	292 20.44	200 14.0	92 6.44	Charred.....
7	130. Que.....	Feb. 27..	Well at No. 2 Fire Station, Quebec.	.....	592 41.44	488 34.16	104 7.28	Slight charring..
8	33. N.B.	Mar. 2...	Well at Sussex, N.B., centre of town.	.....	124 8.68	88 6.16	36 2.52	Very slight charring.
9	35. N.B.	Mar. 2...	Well at Sussex, N.B., east end (Old Sussex).	.....	84 5.88	32 2.24	52 3.64	No charring.....

Concluded.

NITROGEN.			Chlorine in Chlorides.	Phosphates.	Oxygen, consumed by Organic Matter at 80° Fahr.		Valuation.	A.	B.	Remarks.
As Albuminoid Ammonia	As Free and Saline Ammonia	As Nitrates and Nitrites			15 Minutes.	4 Hour				
0.0790 0.0055	0.0033 0.0002	0.3967 0.0278	9.0 0.63	None.....	0.800 0.058	1.600 0.112	49.5+	II	II	Good,
0.1135 0.0079	0.0132 0.0009	0.1368 0.0096	9.0 0.63	None.....	0.740 0.052	1.668 0.117	49.0	II	II	Good.
0.1349 0.0094	0.0164 0.0011	0.3836 0.0269	0.5 0.04	None.....	1.508 0.106	3.252 0.228	89.5	III	III	Of doubtful quality.
0.1564 0.0109	0.0148 0.0010	1.2352 0.0865	1.0 0.07	None.....	1.988 0.139	4.272 0.299	119	III	IV	Impure.
0.5400 0.0378	0.0100 0.0007	0.2100 0.0147	20.0 1.4	None.....	1.680 0.118	3.640 0.255	150	III	III	The suspended mineral matter is 812 per million (=56.84 grains per gallon). The valuation given is for the water after clearance by subsidence. Impure.

First line of Figures, parts per Million (millegrammes per litre).
Second line of Figures, grains per Gallon.

0.0329 0.0023	0.1646 0.0115	.....	14.5 1.015	None.....	0.068 0.005	0.200 0.014	14.+	I	I	Good
0.2551 0.0179	0.5598 0.0392	.....	260.0 16.2	.....	0.236 0.016	1.000 0.070	104.+	III	II	Very bad.
0.0494 0.0035	0.0164 0.0012	.....	37.0 2.59	None.....	0.028 0.002	0.030 0.002	14.+	I	I	Good.
0.0510 0.0036	0.0329 0.0023	1.6171 0.1132	65.0 4.55	.....	0.000	0.280 0.020	25.+	I	I	Good.
0.0329 0.0023	0.0345 0.0024	4.5655 0.3196	21.0 1.47	None.....	0.040 0.003	0.304 0.021	17	I	I	Good.
0.3621 0.0253	0.0181 0.0013	0.8319 0.0582	32.0 2.24	Heavy traces.	6.008 0.421	12.576 0.880	340	III	IV	Very impure.
0.1728 0.0121	0.0038 0.0007	4.1902 0.2933	68.0 4.76	Heavy traces.	1.940 0.136	4.132 0.299	135.+	III	IV	Impure.
0.0247 0.0017	0.0033 0.0002	.....	7.0 0.49	None.....	0.124 0.009	0.940 0.066	145.+	I	II	Good.
0.0345 0.0024	0.0345 0.0024	.....	5.0 0.35	None.....	0.072 0.005	0.600 0.042	12.+	I	II	Good.

WELL WATERS—

Serial Number.	Departmental Number and Designation.	Date of Collection.	Source.	Physical Character.	TOTAL SOLIDS.			Phenomena on Ignition.
					Dry at 100° C.	Ig-nited.	Loss.	
10	31. N.B.....	Feb. 29..	Well at Fredericton, N.B.	.....	648 45·36	392 27·44	256 17·9	Very slight blackening.
11	138. Que.....	Mar. 2...	Well at College of Notre Dame de Lévis.	Clear; nearly colorless.	388 27·16	268 18·76	120 8·40	No blackening...
12	38. N.B.	Mar. 5...	Well at Moncton, N.B.	Clear; very pale straw color.	1328 92·96	882 62·16	440 30·80	Slight blackening.
13	147. Que.	Mar. 8...	Well in yard of Hon. L. Beaubien's house, Outremont.	Very turbid; brown color.	412 28·84	248 17·36	164 11·4	Slight blackening.
14	148. Que.	Mar. 8...	Well near the schoolhouse, Outremont.	Clear; straw color.	296 20·72	192 13·44	104 7·28	Slight blackening.
15	40. N.B.....	Mar. 7...	Well at Chatham, N.B.	Turbid; dark brown color.	180 12·6	100 7·0	80 5·60	.....
16	44. Ont.	Mar. 15..	A public well, Market Square, Perth, Ont.	Clear; straw color.	1012 70·84	728 50·96	284 19·88	Scarcely blackened.
17	47. Ont.....	Mar. 15..	A well in west end, Perth, Ont.	Clear; straw color.	968 67·76	648 45·35	320 22·4	No blackening...
18	51. Ont.	Mar. 16..	A well in general use, Brockville, Ont.	Clear; straw color.	872 61·04	544 38·08	328 22·96	No blackening...
19	54. Ont.....	Mar. 17..	A well on Wellington Street, Kingston.	Slightly turbid; straw color.	736 51·52	508 35·56	228 15·96	No blackening...
20	59. Ont.....	Mar. 19..	A public well at Belleville, Ont.	Turbid; straw color.	596 41·72	440 30·8	156 10·92	Slight charring.
21	153. Ont.....	Mar. 20..	Well at pumping Station of Hamilton Water Works.	Clear; nearly colorless.	128 8·96	84 5·88	44 3·08	Slight blackening.
22	61. Ont.....	Mar. 20..	A well at Peterboro', Ont.	Some turbidity; dark straw color.	836 58·5	532 37·2	304 21·3	Very slight blackening.
23	63. Ont.....	Mar. 20..	A well in Ashburnham, Ont.	Clear, and nearly colorless.	424 29·68	312 21·84	112 7·84	Very slight blackening.
24	160. Ont..	Mar. 24..	A well near a school in Stratford, Ont.	Colorless; very little suspended matter.	372 26·04	280 19·6	92 6·44	No blackening...
25	163. Ont..	Mar. 28..	A well at Royal Exchange Hotel, Berlin, Ont.	Clear; nearly colorless.	740 51·8	580 40·6	160 11·2	Very slight charring.

Continued.

NITROGEN.			Chlorine in Chlorides.	Phosphates.	Oxygen, consumed by Organic Matter at 80° Fahr.		Valuation.	A.	B.	Remarks.
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrites.			15 Minutes.	5 Hours.				
1.1738 0 0121	0.0000	.....	103.0 7.21	None	1.032 0.072	2.000 0.140	88.5+	III	III	Impure.
0 0905 0 0063	0.0082 0 0006	6.9915 0 4894	49 0 3.43	None	0.338 0.024	0.824 0.058	95.5+	II	II	Of doubtful quality.
.....	.....	2.6000 0 1820	74.5 5.22	Slight traces.	0 388 0 027	1.200 0.084	225 +	.....	II	Of doubtful quality.
0.0905 0.0063	0 0247 0.0017	1.7753 0.1243	2.5 0.175	None	0.400 0.028	0 664 0 046	42.5	II	II	Fair.
0 0987 0 0069	0.0576 0.0010	5.4424 0 3810	7.0 0.49	None	0.320 0.022	0.688 0 048	38.5	II	II	Fair.
0.0412 0.0029	0.0559 0.0039	.....	35.0 2.45	None	0 112 0 008	0.392 0.027	27.0	I	I	Good.
0.3045 0.0213	0.0329 0.0023	11.8671 0 8377	148.0 10.36	None	1.440 0.101	2.900 0.203	148	III	IV	Impure.
0.1646 0.0115	0.0905 0.0063	15.9095 1.1137	124.0 9.38	None	0.800 0.056	1.876 0.1316	108	III	III	Impure.
0.1481 0 0104	0.0329 0.0023	7.9671 0 5577	68.0 4.76	None	0.464 0 032	0 880 0 063	69.5	III	II	Impure.
0.0987 0.0069	0 0246 0.0017	5.6754 0 3973	61.0 4.27	None	0.728 0.051	1.336 0.094	72.5	II	II	Of doubtful purity.
0.1333 0.0093	0.4823 0 0338	0 8177 0.0572	71.0 4.97	Doubtful traces.	1.468 0.103	2.200 0.154	111	III	IV	Impure.
0.0658 0.0046	0.0164 0.0011	0 1336 0.0094	3.0 0.21	None	0.168 0.012	0.440 0.031	17	I	I	Good.
0.1317 0.0092	0 1975 0.0138	8.8025 0.6162	74.0 5.18	None	0.776 0.054	2.720 0.190	97.5	III	IV	Impure.
0.0164 0.0011	0.0905 0.0063	0.1095 0 0077	66 0 4.62	None	0.104 0.007	0.232 0.016	23.5	I	I	Good.
0.0740 0 0052	0.0082 0.0006	2.9918 0.2094	14.0 0.98	None	0.180 0 013	0.296 0.021	26.5	II	I	Fair.
0.1300 0.0091	0.0115 0.0008	9.4855 0.6642	116.0 8.12	None	0.360 0 025	1.096 0.077	68 5	III	II	Impure.

WELL WATERS

Serial Number.	Departmental Number and Designation.	Date of Collection.	Source.	Physical Character.	TOTAL SOLIDS.			Phenomena on Ignition.
					Dry at 100° C.	Ig-nited.	Loss.	
26	165. Ont.	Mar. 28.	A well at the Central School, Berlin, Ont.	Color light brown; some turbidity.	396 27·72	276 19·32	120 8·4	Slight blackening.
27	168. Ont.	Mar. 30..	A well on Norwich Street, Guelph, Ont.	Dark straw color.	560 39·2	300 21·0	260 18·2	Blackened
28	5788	Apr. 18..	"City Well," Brandon, N. W. T.	Fairly clear; pale straw color.	572 40·04	352 24·64	220 15·4	No blackening...
29	5789	Apr. 18..	Well, corner Princess St. and 5th Avenue, Brandon.	Some turbidity; very brown color.	424 29·68	320 22·4	104 7·28	Slight blackening.
30	5790	Apl. 18..	Well opposite Public School, Brandon.	Very turbid; light straw color.	672 47·04	456 31·9	216 15·12	Slight blackening.
31	5791	Apr. 18..	Well at Grand View Hotel, Brandon.	Turbid; light straw color.	2058 144·06	1616 113·12	442 30·94	Slight blackening.
32	.....	May 1..	Well at Dr. Bernardo's "House," Peterboro', Ont.	Clear; nearly colorless.	232 16·24	132 9·24	100 7·0	No blackening..
33	5801	May 8..	Public well, corner Louise and James Streets, Winnipeg.	Clear; nearly colorless.	1312 91·84	1136 79·5	176 12·32	No blackening...
34	.....	.....	An artesian well at Goderich, Ont.	Clear and colorless.	552 38·6	404 28·3	148 10·36	No blackening...

UNCLASSIFIED WATERS {

1	1. N.S.	Feb. 10.	Long Lake, near Halifax, N.S.	Clear; distinctly brown color.	40 2·8	16 1·12	26 1·82	Scintillation and slight blackening.
2	2. N.S.	Feb. 10..	Lower Chain Lake, 3½ miles from Halifax.	.....	12 0·54	4 0·28	8 0·56	Scintillation, indicating particles of carbonaceous matter.
3	4. N.S.	Feb. 11..	Tap at 60 Bedford Row, Halifax—"Lower Service Supply."	.....	24 1·68	4 0·28	20 1·4	Decided blackening.

Concluded.

NITROGEN.			Chlorine in Chlor- ides.	Phos- phates.	Oxygen, consumed by Organic Matter at 80° Fahr.		Valua- tion.	A.	B.	Remarks.
As Albu- minoid Ammo- nia.	As Free and Saline Ammo- nia.	As Nitrates and Nitrites.			15	4				
					Min- utes.	Hours				
0·1003 0·0070	0·0115 0·0008	3·2385 0·2487	9·0 0·63	None	0·720 0·050	1·960 0·137	61·5	II	III	Of questionable purity.
0·4806 0·0336	1·5637 0·1095	8·3363 0·5835	40·0 2·8	None	2·860 0·200	7·200 0·504	248·5	III	IV	Very impure. Much green vegetable matter develop- ed itself on standing.
0·1069 0·0076	0·0576 0·0040	5·4424 0·3810	21·0 1·47	None	0·256 0·018	0·604 0·042	43·5	II	II	Fair.
0·1810 0·0127	0·9164 0·0662	1·1536 0·0808	4·0 0·28	None	2·412 0·169	5·420 0·379	168	III	IV	Impure.
0·1399 0·0098	0·0164 0·0011	0·3836 0·0269	2·5 0·175	None	1·016 0·071	2·056 0·144	76	III	IV	Impure.
0·1069 0·0075	0·0658 0·0046	0·2842 0·0199	36·0 2·52	None	0·504 0·035	1·116 0·078	74	II	II	Of questionable purity.
0·0164 0·0011	0·0329 0·0023	3·4671 0·2427	8·0 0·56	None	0·096 0·007	0·320 0·022	15	I	I	Good.
0·0800 0·0056	0·1400 0·0098	0·2600 0·0182	330·0 23·1	None	0·076 0·005	0·244 0·017	88	II	I	Solids, especially chlorides, are very high, but probably harm- less. Is fairly free from or- ganic impurity.
0·0600 0·0042	0·0900 0·0063	0·0100 0·0007	10·0 0·7	None	0·160 0·011	1·600 0·112	32	I	III	Good.

First line of Figures, parts per Million.
Second line of Figures, grains per Gallon.

0·1810 0·0127	0·0543 0·0038	0·2457 0·0172	8·0 0·66	None	2·832 0·198	5·000 0·350	151	III	IV	Of very doubtful quality.
0·1333 0·0098	0·0493 0·0035	0·2007 0·0140	8·0 0·56	None	1·744 0·122	3·080 0·216	93·5+	III	II	Fair.
0·1810 0·0127	0·0000	5·0 0·35	None	3·072 0·215	5·200 0·364	156+	III	IV	Impure.

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Serial Number.	Departmental Number and Designation.	Date of Collection.	Source.	Physical Character.	TOTAL SOLIDS.			Phenomena on Ignition.
					Dry at 100° C.	Ig-nited.	Loss.	
4	8. N.S.	Feb. 15.	Pictou, N.S.; a reservoir fed by a spring found at a great depth.	.....	152 10·64	108 7·56	44 3·08	Slight charring.
5	15. N.S.	Feb. 16.	New Glasgow; from a tap in town.	Somewhat turbid; straw color.	60 4·2	32 2·24	28 1·96	Blackened.....
6	113. Que.	Feb. 16.	Tap at St. Charles' School, Joliette.	.....	40 2·8	36 2·52	4 0·28	Slight blackening.
7	118. Que.	Feb. 18.	Tap on Notre Dame Street, Three Rivers.	Clear; brown color.	56 3·92	24 1·68	32 2·24	Blackened
8	25. N. B.	Feb. 25.	Lake Latimer, intended source of supply for St. John, N.B.	Clear; dark straw color.	48 3·36	12 0·84	36 2·52	Blackened.....
9	28. N. B.	Feb. 27.	Tap in City of St. John, N.B.	Clear; brown color.	56 3·92	16 1·12	40 2·8	Distinct blackening.
10	140. Que.	Mar. 2...	Tap at Victoria Hotel, Lévis, Que.	Clear; very light brown tint.	240 16·8	168 11·76	72 5·04	Slight blackening.
11	37. N. B.	Mar. 5...	Tap in Moncton, N.B.; source, the reservoir.	.....	.....	.....	.....	.....
12	46. Que.	Mar. 8...	A tap in house of Hon. L. Beaubien, Outremont.	Clear; light straw color.	208 14·56	144 10·08	64 4·48	Scarcely blackened.
13	41. N. B.	Mar. 7...	Chatham; spring water brought to town by pipes.	Clear; pale straw color.	52 3·64	32 2·24	20 1·4	No blackening...
14	50. Ont.	Mar. 16.	A tap in Brockville, Ont.	Clear; nearly colorless.	136 9·52	76 5·32	60 4·2	Slight blackening.
15	55. Ont.	Mar. 17.	A tap in Kingston, Ont.	Slight turbidity; light straw color.	120 8·4	72 5·04	48 3·36	Very slight blackening.
16	57. Ont.	Mar. 19.	A tap in Belleville, Ont.	Slightly turbid; yellow color.	140 9·8	72 5·04	68 4·76	Blackened.....
17	150. Ont.	Mar. 19.	Tap at Victoria Avenue School, Hamilton, Ont.	Clear; nearly colorless.	164 11·48	48 3·36	116 8·12	Slight blackening.
18	154. Ont.	Mar. 22.	Pond, near pump of the London Water Works.	Clear; nearly colorless.	256 17·92	192 13·44	64 4·48	No blackening...

WATERS - *Continued.*

NITROGEN.			Chlorine in Chlorides.	Phos- phates.	Oxygen, consumed by Organic Matter at 80° Fahr.		Valua- tion.	A.	B.	Remarks.
As Albu- minoid Ammo- nia.	As Free and Saline Ammo- nia.	As Nitrates and Nitrites.			15 Min- utes.	4 Hours				
0.0823 0.0058	0.1069 0.0075	.....	9.0 0.63	None	0.224 0.016	0.400 0.028	23.5+	II	I	Good.
0.0675 0.0047	0.0000	0.6000 0.0420	5.0 0.35	None	1.048 0.073	3.440 0.171	64.5	I	II	Good.
0.0691 0.0048	0.0016 0.0001	0.1984 0.0139	1.0 0.07	None	1.440 0.101	3.968 0.208	75.5+	II	II	Fairly good.
0.0576 0.0040	0.0033 0.0002	0.1467 0.0103	1.5 0.105	None	2.612 0.183	4.456 0.312	128	I	IV	Contains too much vegetable mat- ter, but is not necessarily in- jurious to health
0.1563 0.0109	0.2255 0.0158	0.0745 0.0052	5.0 0.35	None	1.960 0.137	4.904 0.343	123	III	IV	Impure.
0.0905 0.0063	0.0329 0.0023	0.2671 0.0187	3.0 0.21	None	1.864 0.130	4.032 0.282	104.5	II	IV	Of doubtful puri- ty.
0.1316 0.0092	0.0658 0.0046	3.6842 0.2579	26.0 1.82	None	0.880 0.062	1.932 0.135	69	III	II	Of doubtful puri- ty.
0.2255 0.0158	0.0740 0.0052	.....	3.0 0.21	.....	5.436 0.381	10.444 0.731	275.+	III	IV	Impure.
0.0329 0.0023	0.0493 0.0035	1.5507 0.1085	2.0 0.14	None	0.120 0.008	0.220 0.015	14.5	I	I	Good.
0.0247 0.0017	0.0329 0.0023	.....	6.5 0.46	None	0.268 0.019	0.360 0.025	17.5	I	I	Good.
0.0493 0.0035	0.0247 0.0017	0.1453 0.0102	3.0 0.21	None	0.276 0.019	0.612 0.043	21.5	I	I	Good.
0.1000 0.0070	0.0503 0.005	0.1000 0.0070	2.5 0.175	None	0.360 0.025	0.680 0.048	31.0	II	I	Good.
0.1069 0.0075	0.0757 0.0053	0.1743 0.0122	1.0 0.07	None	1.420 0.093	3.040 0.213	85.0	II	III	Fair.
0.0576 0.0040	0.0279 0.0020	0.2221 0.0155	5.0 0.35	None	0.120 0.008	0.440 0.031	16.5	I	I	Good.
0.0411 0.0029	0.0115 0.0008	1.2885 0.0902	1.5 0.105	None	0.040 0.003	0.232 0.016	11.15	I	I	Good.

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Serial Number.	Departmental Number and Designation.	Date of Collection.	Source.	Physical Character.	TOTAL SOLIDS.			
					Dry at 100° C.	Ig-nited.	Loss.	Phenomena on Ignition.
19	156. Ont.	Mar. 23.	Tap in the Military School, London, Ont.	Clear; nearly colorless.	256 17 92	184 12 88	72 5 04	Slight blackening.
20	166. Ont.	Mar. 28.	Tap at Central School, Guelph, Ont.	Slight turbidity; light straw color.	172 12 04	104 7 28	68 4 76	Blackened.....

WATERS—*Concluded.*

NITROGEN.			Chlorine in Chlorides.	Phosphates.	OXYGEN, consumed by Organic Matter at 80° Fahr.		Valuation.	A.	B.	Remarks.
As Albuminoid Ammonia.	As Free and Saline Ammonia.	As Nitrates and Nitrites.			15 Minutes.	4 Hours.				
0.0527	0.0066	0.7934	0.0	None	0.232	1.860	28.5	I	II	Good.
0.0037	0.0005	0.0555			0.016	0.130				
0.1103	0.0247	1.1753	2.0	None	1.240	2.800	78.0	II	II	Fair.
0.0077	0.0017	0.0823	0.14		0.087	0.196				

LABORATORY OF THE INLAND REVENUE DEPARTMENT,
319 SPARK ST., OTTAWA, 20th June, 1888.

THOS. MACFARLANE, Esq., F.R.S.C.,
Chief Analyst, &c., &c.

SIR,—I have the honor to submit to you herewith a report concerning the samples of drinking water upon which I have been at work during the past three months.

The total number of samples analysed is seventy-five, made up as follows:—

Samples of river water	21
do well water	34
do lake, spring, &c.....	20
	—
Total.....	75
	=

In some cases the analysis is incomplete. This arises in a few instances from the fact that the sample concerned is nearly identical with a preceding one; but generally results from my having been furnished with too small a quantity to permit of a full analysis. I may add that, as a rule, duplicate estimations have been made, and the numbers given in the subjoined tables are the means of *closely* concordant duplicate determinations.

In addition to the noting of the physical characters, color, clearness, etc., I have determined the total solid matter dry at 100° C (212° Fahr.) and on ignition; the chlorine in chlorides, the free and saline ammonia, the albuminoid ammonia, the nitrates and nitrites, the phosphates, and the oxygen consumed by the organic matter present, at 80° Fahr., both in 15 minutes and in 4 hours.

COLOR.—This has been observed in a column of the water, about 24 inches long contained in a tube of colorless glass.

It is impossible to express in words the nice distinctions of tint marking the color of water seen in this way. The terms brown, light brown, straw color, etc., necessarily admit of a certain latitude in their application by different observers.

That no fixed scale has been adopted by analysts for the purpose of registering absolutely the color of water is, I believe, due to the assumption that nothing of any great value can be ascertained as to the quality of a sample of water from an observation of its color only. While, however, the absence of any dark tint is no proof of the purity of water, the presence of color in any dark shade is proof of impurity. It is true that the impurity may be of a comparatively harmless character, as in the case of peaty waters, but it will be seen by reference to the subjoined tables that the instances in which a water of marked color has shown itself to be good on further examination are very few.

It is, however, in the daily or weekly observation of *water from the same source* that it becomes desirable to express, with great nicety, the changes of color that occur. I am of opinion that changes for better or worse in the character of the same water supplies, and especially as regards vegetable impurity, may be very trustworthily discovered by accurately observing changes of color alone. Messrs. Crookes, Odling and Tidy in their report on the London water Supply for 1881, describe a color meter, a modification of which I hope to use in my next examination of potable waters.

TOTAL SOLIDS.—The column "*Total Solids*," gives solids in suspension as well as in solution, except in the case of the Assiniboine river water (No. 5,800) which was allowed to clear by subsidence for some days before being proceeded with. In this case the solids in suspension were separately estimated. I have filled in the column "*Loss on Ignition*" rather as a check upon the numbers given in the preceding columns than as attaching any importance to its indications.

ALBUMINOID AMMONIA.—The nitrogen existing in such combinations as give rise to free ammonia on boiling with alkaline permanganate, is, I believe, one of the most important estimations that can be made for the purpose of ascertaining the fitness of

a water for drinking purposes. It is true that the specific character of the nitrogenous matter present is not thereby determined; but since this nitrogen represents organic matter undergoing decomposition, it is very evident that behind a very narrow limit, its presence must condemn a sample of water for food purposes. This is particularly important, since it is the presence of nitrogen which specially indicates organic pollution from animal resources, although it must not be forgotten that purely vegetable matters yield a certain amount of nitrogen to water. If we accept the number adopted by Wanklyn, Chapman and Smith (the authors of the process), namely 0.066 parts nitrogen per million as the limit, the only samples analyzed which would rank as *really good drinking water* are the following:—

Among river waters, Nos. 2, 5 and 6, *i.e.* the St. Lawrence water as supplied to Montreal; 16, the Richelieu near St. John's. Among well waters: Nos. 1, 3, 4, 5, 8, 9, 15, 21, 23, 32 and 34. Among those unclassified; Nos. 7, 12, 13, 14, 17, 18, and 19. And it is worthy of remark that with a single exception, these waters are good when judged on the basis of the total results of analysis.

In column A in the tables, I have arranged the samples on the basis of this estimation alone.

CLASS I.—Less than 0.066 nitrogen (as albuminoid ammonia) per million.

CLASS II.—Less than 0.120 nitrogen per million.

CLASS III.—More than 0.120 nitrogen per million.

INORGANIC NITROGEN.—Since the whole of the nitrogen present in a sample of any naturally occurring water has an organic origin, that portion of such nitrogen which is found in the forms of ammonia (free and saline), and nitrous and nitric acids represent past organic impurity, or nitrogenous organic matter which has, possibly since it found its way into the water, undergone decomposition with the formation of these, in themselves, harmless compounds of nitrogen. While, however, it is true that efficient aeration will greatly purify a sample which would otherwise be unfit for food, it is dangerous to trust to this natural process of purification in the case of well water, or in the case of rivers from which water is taken at no great distance from the source of contamination. Indeed it will be seen on reference to the tabulated statement that where inorganic nitrogen exceeds 4 or 5 parts per million—indicating energetic destruction of animal impurity—the nitrogen remaining and estimated as albuminoid ammonia is still in too large a quantity to make the water safe as a food.

The efficiency of natural purification by oxidation, &c., is found to be most marked in the case of deep well waters and spring waters (Rivers' Pollution Commission of Great Britain, Sixth Report, 1874), and it is in these that we find the largest proportion of nitrogen in inorganic compounds. Professors Frankland and Morton in the Report just cited, calculate the past organic impurity and express it in terms of London sewage, taken to contain 100 parts nitrogen per million of sewage.

The quantity 0.32 is subtracted from the total inorganic nitrogen found, as representing that present in averagely pure water, and the sewage contamination is calculated from the remainder. "Chemical analysis cannot discover the noxious ingredient or ingredients in water polluted by infected sewage or animal excreta; and as it cannot thus distinguish between infected and non-infected sewage the only perfectly safe course is to avoid altogether the use, for domestic purposes, of water which has been polluted with excrementitious matters. Nevertheless, as it is very difficult in some localities to obtain water which has not been more or less polluted by excrementitious matters, it is desirable to classify such previously contaminated drinking waters into:—

- "Reasonably safe water,
- "Suspicious or doubtful water,
- "Dangerous water.

“REASONABLY SAFE WATER—We consider that water, although it exhibits previous sewage or animal contamination, may be regarded as reasonably safe where it is derived either from deep wells (say 100 feet deep) or from deep seated springs; provided that all contaminated surface water has been rigidly excluded from the well or spring; and that the proportion of previous animal contamination does not exceed 100,000 parts in one million parts of water.

“SUSPICIOUS OR DOUBTFUL WATER, is first, river or flowing water which exhibits any proportion, however small, of previous sewage or animal contamination; and second, well or spring water containing from 100,000 to 200,000 parts of previous contamination per million.

“DANGEROUS WATER, is first, river or flowing water which exhibits more than 200,000 parts of previous animal contamination per million; second, river or flowing water containing less than 200,000 parts of previous contamination in a million but which is known from an actual inspection of the river or stream, to receive sewage either discharged into it directly or mingling with it as surface drainage; third, as the risk attending the use of all previously contaminated water increases in direct proportion to the amount of such contamination, well or deep seated spring water exhibiting more than 200,000 parts of previous contamination per million must be regarded as dangerous.” (River Pollution Commissioners, sixth report—pp. 17 and 18.)

The following arrangement shows how the samples analysed by me would take rank according to this scheme, assuming all the wells to be *deep wells*, which is certainly not the case with some of them.

WELL WATERS.

Serial number.	Previous Sewage contamination.	Classification.
4	13,300	Reasonably Safe.
5	42,800	do
6	5,300	do
7	38,800	do
11	66,800	do
13	14,800	do
14	51,800	do
16	116,800	Suspicious Water.
17	156,800	do
18	76,800	Reasonably Safe.
19	53,800	do
20	9,800	do
21	0	do
22	86,800	do
23	0	do
24	26,800	do
25	91,800	Reasonably Safe.
26	29,300	do
27	95,800	do
28	51,800	do
29	17,800	do
30	800	do
31	300	do
32	31,800	do
33	800	do
34	0	do

RIVER WATERS.

Serial number.	Previous Sewage contamination.	Classification.
2	0	
3	0	
5	0	
6	0	
7	0	
8	0	
9	3,000	Suspicious Water
14	0	
17	3,000	Suspicious Water
18	0	
19	8,000	Suspicious Water
20	93,000	do
21	0	

UNCLASSIFIED WATERS.

Serial number	Previous Sewage contamination
1	0
2	0
5	2,800
6	0
7	0
8	0
9	0
10	34,300
12	12,800
14	0
15	0
16	0
17	0
18	9,800
19	4,800
20	8,800

It is to be regretted that so long time intervened between the collection of the samples and the completion of the analysis, as was the case with a good many of the samples reported on. The oxidation of organic matter at the expense of the oxygen in nitrates is doubtless the cause in some cases at least, of the small quantity of nitrates found. I may add that the nitrogen in nitrates and nitrites was estimated as ammonia, reduction being effected by the zinc copper process.

OXYGEN CONSUMED.—With reference to the value of the indications obtained by treating the water in a closed vessel at 80° Fah. with acid permanganate, I shall quote Dr. Dupré:—

“A water (I mean a water naturally met with, not one artificially made with substances never found in water) which does not absorb any appreciable proportion of oxygen from permanganate, may be pronounced a pure water; and no other purely chemical test, so far known, will indicate anything else.” (Analyst, 1885, p. 120.)—With this statement I am fully in accord, and I think that the results of my work establish so far as they go, its accuracy. No well water consuming less than 0.5 part oxygen per million is condemned as the result of any other feature in its analysis, if I except the case of number 33, where the total solids are objectionably high, and the chlorine indication is very abnormal; though doubtless this can be explained by the character of the soil through which the well is sunk, or that travers-

ed by the springs that feed it. No river water or spring water is condemned which shows less than 1 part per million of oxygen consumed.

Drs. Frankland and Tidy (Treatise on Water Analysis) have suggested the following classification of waters based on the consumption of oxygen:—

SECTION I.—Upland surface waters.

- CLASS I.—*Water of great organic purity*, absorbing not more than 1 part oxygen per million.
- CLASS II.—*Water of medium purity*, absorbing 3 parts per million.
- CLASS III.—*Water of doubtful purity*, absorbing 3 to 4 parts per million.
- CLASS IV.—*Impure water*, absorbing more than 4 parts per million.

SECTION II.—Water other than upland surface.

- | | |
|----------|--|
| CLASS I. | } Absorbing respectively not more than half the quantities of oxygen stated above. |
| “ II. | |
| “ III. | |
| “ IV. | |

In the column headed B, I have classified according to the above scheme the various waters analyzed, and it will be easy to trace a relation between the results of this estimation and the total result of the analysis.

In order to obtain a numerical expression for the total sum of the results of analysis, I have adopted a modification of Wigner’s scale, as follows:—

<i>Solids</i> , (dry at 100° C.)	70 parts per million.....	=1.
<i>Nitrogen</i> —As albuminoid ammonia,	0.01 parts per million.....	=1.
As free and saline ammonia,	0.05 “ “	=1.
As nitrates and nitrites,	1.00 “ “	=1.
<i>Oxygen consumed at 80° Fah.</i> —		
In 15 minutes,	0.03 parts per million.....	=1.
In 4 hours	0.15 “ “	=1.
<i>Chlorine</i> , in Chlorides,	7.00 “ “	=1.
	<i>Phosphates</i> , traces,	0 to 4.
	Color.....	0 to 4.
	Clearness.....	0 to 4.

It will be seen that, according to this plan, the larger the number expressing valuation, the worse is the sample of water.

In pronouncing upon the quality of a given sample, I have not, of course, been rigidly bound by this valuation, but it will be seen that I have, in the main, followed its indications.

I have the honor to be, Sir,
 Your obedient servant,
 A. MCGILL.

It will be observed that in pronouncing a judgment on the waters under examination Mr. McGill has chiefly been guided by English authorities. His results will, however, be useful in enabling any one to compare the quality of these waters with the data given by other European authorities or by those of the United States. Neither do his conclusions prevent a comparison being made relatively of the waters which have been examined, in furtherance of one of the objects of the investigation.

If we place together the analytical results of the samples of waters taken from taps in our chief cities, and in the order of the valuation adopted by Mr. McGill, the following is the result:—

COMPARISON OF THE ANALYSES

Date of Collection.	Departmental No.	Name of City.	Sources of Supply.	TOTAL		
				Parts per		
				Dry at 100° C.	Ig-nited.	Loss.
1888.						
Mar. 19.....	150. Ont.....	Hamilton	Burlington Bay.....	164	48	116
Feb. 9.....	2. Montreal.	St. Cunegonde	River St. Lawrence.....	132	52	80
Feb. 11.....	7. Montreal.	Montreal	River St. Lawrence.....			
Mar. 17.....	50. Ont.....	Brockville	River St. Lawrence.....	136	76	60
Mar. 23.....	156. Ont.....	London, Ont.	River Thames	256	184	72
Mar. 17.....	55. Ont.....	Kingston	Lake Ontario	120	72	48
Mar. 6.....	145. Que.....	St. John's, Que.....	River Richelieu.....	68	32	36
Mar. 6.....	143. Que.....	St. John's, Que.....	River Richelieu.....	60	40	20
Feb. 16.....	15. N.S.....	New Glasgow.	East River.....	60	32	28
Mar. 2.....	140. Que.....	Lévis	From G. T. R. tank on hill.....	240	168	72
Feb. 16.....	113. Que.....	Joliette, Que.	River L' Assomption.....	40	36	4
Mar. 28.....	166. Ont.....	Guelph	River Speed	172	104	68
Mar. 19.....	57. Ont.....	Belleville.....	Bay of Quinté.....	140	72	68
Feb. 27.....	28. N.B.....	St. John, N.B.	Little River.....	56	16	40
Feb. 18.....	118. Que.....	Three Rivers, Que....	River St. Maurice	56	24	32
May 3.....		Ottawa	From tap at Laboratory.....			
Feb. 11.....	4. N.S.....	Halifax, N.S.....	Long Lake	4	4	20
Feb. 27.....	1. Ottawa...	Ottawa	Mouth of supply pipe, Ottawa River	52	16	36
Mar. 5.....	37. N.S.....	Moncton	Reservoir supplied by creeks.....			

OF CITY WATERS.

SOLIDS. million.	NITROGEN.			Chlor- ide in Chlor- ides.	Phosphates.	Oxygen consumed by Organic Matter at 80° Fahr.		Valua- tion.
	Parts per million.					15 Minutes.	4 Hours.	
	As Albu- minoid Am- monia.	As Free and Sa- line Am- monia.	As Nitrates and Nitrites.					
Phenomena on Ignition.				p. mill.				
Slight blackening ..	0 0576	0 0279	0 2221	5 0	None	0 120	0 440	16
Slight charring	0 0658	0 0247	0 0753	3	None	0 120	0 480	17
.....	0 0658	0 0082	0 1418	3	None	0 184	0 400	.....
Slight blackening	0 0493	0 0247	0 1418	3 0	None	0 276	0 612	21
Slight blackening ..	0 0527	0 0066	0 7934	0 0	None	0 232	1 860	28
Very slight blackening.	0 1000	0 0500	0 1000	2 5	None	0 380	0 680	31
Blackened	0 1135	0 0132	0 1368	9 0	None	0 740	1 668	49
Blackened	0 0790	0 0033	0 3967	9 0	None	0 800	1 600	49 5
Blackened	0 0675	0 0000	0 6000	5	None	1 048	2 440	64
Slight blackening ..	0 1316	0 0658	3 6842	26 0	None	0 880	1 932	69
Slight blackening ..	0 0691	0 0016	0 1984	1	None	1 440	2 968	75
Blackened	0 1103	0 0147	1 1753	2 0	None	1 240	2 800	78
Blackened	0 1069	0 0757	0 1743	1	None	1 420	3 040	85
Distinct blackening....	0 0905	0 2671	0 2671	3	None	1 804	4 032	104
Blackened	0 0576	0 0033	0 1467	1 5	None	2 612	4 456	128
.....	0 1234	0 0543	0 2457	1 5	.....	2 848	5 208	149
Decided blackening.....	0 1810	0 000	.....	5	None	3 072	5 200	156
Blackened	0 2748	0 0132	.....	2	None	2 808	5 760	164
.....	0 2255	0 0740	.....	3 0	.....	5 438	10 444	275

From this comparison it will be seen that the Ottawa water stands almost at the bottom of the list. This is, of course, mainly owing to the large amount of vegetable organic matter which it contains, but it will also be seen that as regards the organic nitrogen (albuminoid ammonia) present, the amount is four times as much as that of the St. Lawrence water supplied to Montreal. This refers, of course, to the samples taken in winter, leaving out of the comparison the sample of Ottawa tap water taken in May. It would thus appear that of all the samples taken from water artificially supplied to the towns of the Dominion those from Ottawa are among the worst, the impurities found being only exceeded in one case, that of Moncton, N. B.

With regard to contamination from the neighborhood of Rochester Creek it was not to be expected that any definite results would be obtained from the analysis of samples taken in mid-winter. Still it is worthy of note that the water obtained immediately below the mouth of Rochester Creek has the same valuation as that taken at the mouth of the clear water pipe. Indeed the former contains a little less organic nitrogen. Both are, however, inferior to the sample obtained near Pier No. 3 of the C. P. R. bridge, the point to which it was proposed to extend the clear water pipe. The difference in quality is, however, so slight that the advisability of such continuation may be well doubted. None of the samples of Ottawa water contain such an amount of organic nitrogen as to exceed 0.3 parts per million, which is the maximum limit fixed by the English Commission for river water when used for drinking purposes. (VI Report, p. 426). It is the large amount of organic matter of vegetable origin which does more to lower its character. According to Doctor Ferdinand Fischer, a high German authority on the subject, such waters from forest or boggy sources may still be used for drinking even when 20 mgr. of Permanganate are required for the oxidation of the organic matter in 1 Litre. This is equal to 5 of oxygen, a limit which is exceeded in the cases of Ottawa and Moncton.

There is abundant matter for further comment in Mr. McGill's report on the well and other waters. But parties locally interested in these will each be able to draw from the several analyses, after comparing them with others, tolerably correct conclusions.

THOMAS MACFARLANE, F. R. S. C.,
Chief Analyst.

30th June, 1888.

Bulletin No. 6.

Cheese.

The subject of cheese adulteration has recently been attracting some attention in Great Britain, and the Government has been questioned about it in the House of Commons. On the 13th of March last, Mr. W. McLaren asked the Chancellor of the Duchy of Lancaster whether his attention had been called to the large admixture of animal fat in the manufacture of American cheese which entailed the latter to be sold in England as pure cheese, at such prices as were injurious to the manufacture of pure cheese; and whether he would instruct our American Consuls to enquire into and report upon the extent of this admixture, in order to give some reliable facts about it to the British public. Mr. W. Long said in answer that the foreign office had been asked to obtain reports from Consular Officers in the United States, as to the prevalence of this adulteration in the manufacture of cheese. Further on the 20th March, Captain Cotton asked the Secretary to the Local Government Board, whether in reference to his statement that inquiries are being made of the American Consuls respecting the alleged adulteration of cheese imported from that country, his attention had been directed also to the increasing quantity of imported cheese from Canada; and, in view of the adulteration thereof, the Government will communicate with the Agent General of the Dominion as well as with the American Consul. Mr. Long said in answer:—The Agricultural Department has requested the Colonial Office to obtain from Canada similar information to that which, as I stated last Tuesday, our Consular officers in the United States have been instructed to furnish as to the practice of using animal fat in the manufacture of cheese.

In due course the question thus raised was brought before the Canadian Government and referred to the Minister of Inland Revenue, who requested the undersigned to report on the subject. The report was duly furnished to the Commissioner of Inland Revenue, who authorized the publication of its subject matter in the present Bulletin for the information of the public.

A reference to the Department Reports on the adulteration of Food shows that it was not until the year ending June, 1885, that any samples of cheese were collected for analysis. Then nineteen samples were examined and no adulteration reported (see supplement No. III to the report of the Department of Inland Revenue, 1885, p. 5). In 1887 twenty samples were taken and analyzed by the District Analysts who found no admixture of foreign fat.

Since the receipt of instructions from the Commissioner of Inland Revenue to proceed with the investigation, the collection of 114 samples of cheese was ordered in the various Inland Revenue Districts of the Dominion. Up to this date reports have been received regarding fifty-six of these samples from the District Analysts, and in every case the sample has been certified to be free from admixture of foreign fat, forty-eight of these samples, of which duplicates had been furnished to the Department, were analysed in this laboratory with the results given in the following tables, in which for the purpose of comparison there have been inserted several analyses of butter and of filled or lard cheese from Chicago.

Date of Collection.	No.	Description.	Vendor.	Manufacturer.	RESULTS OF ANALYSIS.				DESCRIPTION OF FAT EXTRACTED.		Analyst.
					Water.	Butter Fat.	Salt and Soluble Matter.	Casine.	Color.	C. O. Decol-normal ammonia required in Reichert's test.	
1888.											
May 9	7155	Cheese	J. F. Layton, Amherst, N.S.	Not known	{ 30.36 29.60	32.43 32.10	5.94 6.14	31.28 31.16	Yellow	13.20	F. X. Lefebvre.
do 10	7160	do	Daniel Gunn, Truro, N.S.	do	{ 26.72 27.56	36.92 36.84	10.66 9.14	25.70 26.46	Brown	13.42	T. Macfarlane.
do 11	7163	do	J. D. Stewart, 138 Grafton Street, Halifax, N.S.	do	{ 18.98 18.10	40.56 41.14	9.60 8.46	30.86 32.30	do	12.40	F. X. Lefebvre.
do 12	7165	do	O. Graham & Co., 25 Sackville Street, Halifax, N.S.	do	{ 23.96 26.18	37.26 36.62	6.96 6.88	31.82 30.32	Dark brown	13.20	T. Macfarlane.
do 14	7171	do	E. O. Shand, Water Street, Windsor, N.S.	do	{ 30.21 30.40	30.89 31.02	7.76 8.38	31.14 30.20	Yellow	11.80	F. X. Lefebvre.
do 16	7177	do	W. F. Turnbull, Digby, N.S.	do	{ 24.38 24.70	38.56 38.84	9.10 10.28	27.96 26.38	Brown	14.09	T. Macfarlane.
do 16	7179	do	Wm. Malcolm, Main Street, Annapolis, N.S.	do	{ 25.98 25.86	33.06 32.54	7.18 6.80	33.78 34.80	Yellow	13.30	F. X. Lefebvre.
do 18	7183	do	A. C. Wilson, 123 Queen Street, St John, N.B.	do	{ 33.70 33.30	31.70 32.92	8.46 7.78	26.14 26.00	Pale yellow.	11.99	T. Macfarlane.
do 18	7185	do	John McCann, Indian town, St. John, N.B.	do	{ 23.02 22.36	34.24 34.64	14.24 14.72	28.50 28.28	Dark yellow	12.48	do
do 19	7190	do	George Robertson & Co., 50 King Street, St John, N.B.	do	{ 28.71 29.16	33.28 32.84	12.68 12.44	25.30 25.66	do ...	14.52	do
do 23	7194	do	Murchie Bros., St. Stephens, N.B.	do	{ 31.96 32.00	28.80 29.32	11.54 11.86	27.70 26.82	Light yellow	11.66	do

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do	29	7195	do	Inches & Rimmer, St. Stephens, N.B.	Not known	{ 33-78 } 33-12	28-08 28-74	8-62 8-90	29-62 } 29-34 }	do	13-97	do
do	25	5908	do	S. L. Morrison, Queen Street, Fredericton, N.B.	Not known	{ 33-21 } 33-70	29-66 29-60	11-66 11-18	25-44 } 25-62 }	Lightyellow	14-63	do
do	29	5912	do	G. W. Slipp, Wall Street, Woodstock, N.B.	Avondale Cheese Factory, Woodstock.	{ 36-44 } 37-70	31-90 31-64	10-32 11-16	21-34 } 19-50 }	do	14-08	do
do	17	7302	do	J. Turcot, Quebec.	Not known	{ 32-22 } 32-02	30-80 30-96	8-38 8-74	29-60 } 28-28 }	Brown	10-63	F. X. Lefebvre.
do	17	7303	do	Paquet & Potvin, Quebec.	do	{ 30-56 } 30-64	31-76 31-70	9-54 9-96	29-14 } 27-70 }	White	13-60	do
do	21	7313	do	E. Bédard, Lévis, Que.	do	{ 33-48 } 33-48	28-83 29-18	8-13 7-92	29-66 } 29-42 }	do	14-50	do
do	21	7319	do	L. H. Bégin, 4 Commercial Street, Lévis, Que.	do	{ 29-02 } 29-08	35-62 35-78	9-56 8-96	25-60 } 26-18 }	do	14-00	do
do	21	7322	do	Michel Ladrière, Bienville, Que.	do	{ 30-48 } 30-54	28-36 28-36	7-54 7-78	33-62 } 33-32 }	do	15-6	do
do	April 23	7281	do	M. L. Hislop, St. John's, Que.	do	{ 15-94 } 15-70	43-72 43-92	25-04 24-74	15-30 } 15-64 }	do	13-00	do
do	23	7282	do	Mrs. F. X. Dulude, St. John's, Que.	do	{ 13-14 } 13-05	46-70 46-80	23-66 25-80	16-30 } 14-34 }	do	13-40	do
do	23	7283	do	Payne & Bradford, Granby, Que.	Edward Bradford, Mawcook, Que.	{ 16-64 } 14-20	42-64 42-94	20-58 18-64	22-14 } 21-32 }	Light brown	12-43	T. Macfarlane.
do	23	7284	do	J. Boniss, Granby, Que.	Not known	{ 13-86 } 13-86	43-56 43-72	16-56 15-74	26-02 } 25-68 }	Dark brown.	10-60	F. X. Lefebvre.
May	2	7285	do	E. A. Painchaud, St. Martin's Street, Montreal.	do	{ 19-80 } 19-60	40-94 40-68	26-74 25-74	12-52 } 13-98 }	Brown	13-40	do
do	2	7286	do	P. G. Callahan, Montreal.	do	{ 17-48 } 17-32	41-14 41-10	23-84 24-74	17-54 } 18-84 }	do	12-00	do
do	2	7287	do	Wm. McGowan, 337 St. Lawrence Street, Montreal.	At Frelighsburg, Que.	{ 21-60 } 20-86	39-28 40-60	21-12 20-14	18-00 } 18-40 }	do	12-76	T. Macfarlane.
do	2	7283	do	Jas. D. Adams & Co. St. Lawrence Street, Montreal.	Not known	{ 21-14 } 21-08	38-72 39-10	19-84 19-12	20-30 } 20-72 }	Yellowish	13-20	F. X. Lefebvre.

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Date of Collection.	No.	Description.	Vendor.	Manufacturer.	RESULTS OF ANALYSIS.				DESCRIPTION OF FAT EXTRACTED.		Analyst.
					Water.	Butter Fat.	Salt and Solu-ble Matter.	Gelatin.	Color.	C. C. Deci-normal Ammonia required in Reichert's Test.	
1888.	7289	do	P. Desormiers, 602 Dorchester Street, Montreal.	do	{ 20.60 20.42 }	35.10 35.60	20.74 19.06	23.56 24.92 }	Brown..	12.50	F. X. Lefebvre.
May 7	7290	Cheese..	Joseph Dagenais, 1983 St. Catherine Street, Montreal.	Not known	{ 19.86 19.90 }	39.10 38.56	18.60 18.56	22.44 22.93 }	Brown	12.50	do
do 7	7291	do	Vanier Bros, St. Catherine Street, Montreal.	do	{ 19.96 19.84 }	40.50 40.10	25.32 20.18	14.23 19.88 }	Yellow.	12.20	do
do 7	7292	do	Thos. Gauthier, Montreal.....	do	{ 20.02 19.78 }	40.60 40.74	21.46 20.20	17.92 19.23 }	Pale brown	12.00	do
do 10	004	do	H. A. Channell, Stanstead....	—Scott, Bolton, Que	{ 21.76 20.60 }	35.92 36.00	21.84 23.50	21.48 19.93 }	Brown.....	12.3	do
June 28	7360	Cheese curd ...	Wilson & McGinnis, Hunting- don, Que.	Self	{ 38.26 38.23 }	27.90 27.66	5.61 5.66	28.20 28.40 }	White.....	14.08	F. Macfarlane.
do 28	7361	do	Macfarlane & McPherson, Huntingdon, Que.	do	{ 39.30 39.28 }	26.54 26.94	7.16 6.14	27.00 28.64 }	do	14.25	do
do 28	7362	Cheese.....	Macfarlane & McPherson, Clyde Corner, Huntingdon Co., Que.	do	{ 32.96 32.72 }	30.10 30.46	9.66 9.48	27.23 27.34 }	Brown.....	12.65	do
do 28	7363	Cheese curd.....	Wilson & McGinnis, Coffey's Corner, Huntingdon Co., Que.	do	{ 25.40 21.86 }	33.20 33.98	9.00 9.68	32.40 31.90 }	White.....	13.75	do
do 28	7364	do	Macfarlane & McPherson, Lee Corner, Huntingdon Co., Que.	do	{ 36.10 36.30 }	30.06 30.2	6.46 6.76	27.38 26.74 }	do	14.55	do
do 28	7365	Cheese.....	Macfarlane & McPherson, Trout River, Huntingdon Co.	do	{ 31.12 31.46 }	23.36 26.96	10.02 10.23	30.50 31.30 }	do	14.52	do

do	28	7366	do	.....	Wilson & McGinnis, Trout River, Huntingdon Co.	do	.....	{ 31.66 31.60	27.66 23.36	7.32 7.66	33.36 52.36	do	.....	14.70	F. X. Lefebvre.	
July	9	7371	Cheese Curd...	.....	Bullard & Harvey, Scitmore, P.Q.	do	.....	{ 40.15 40.23	28.58	7.92	23.84	do	.....		
do	9	7373	Cheese	.....	C. D. Jewell, Sweetsburg, P.Q.	do	.....	{ 2.48 2.32	29.58 28.42	7.44 6.72	30.50 22.54	do	Dark brown	12.8		
do	9	7374	do	.....	W. T. Wilkinson, East Farm, P.Q.	do	.....	{ 33.23 33.20	29.10 29.60	8.94 9.62	28.68 27.58	do	Yellow	14.8		
do	15	7902	do	.....	Edwin Morrish, Galt Ont	Sheffield Cheese Factory, Ont.	do	.....	{ 27.98 27.98	27.62 28.04	16.20 18.38	28.20 25.60	do	Yellowish	12.30	
do	15	7904	do	.....	W. P. Clay, Galt, Ont	W. P. Walton, Galt	do	.....	{ 29.36 29.34	23.48 28.30	17.00 16.30	25.16 23.06	do	White	5.30	
do	18	7907	do	.....	Jackson & Hallett, Guelph, Ont.	Steiner, New Hamburg	do	.....	{ 21.22 23.76	36.03 38.62	19.18 19.42	20.52 20.21	do	Brown	13.90	
June	27	5809	do	.....	P. Carey, Jolly, Man	Self	do	.....	{ 36.76 36.80	24.68 21.94	9.70 11.91	23.86 23.72	do	White	15.20	
July	11	5815	do	.....	A. Malcolm, Minnedosa, Man	do	.....	{ 35.64 35.66	29.62 29.14	8.90 8.02	26.81 27.28	do	do	15.50		
do	12	5816	do	.....	G. H. Greata, Shoal Lake, Man.	do	.....	{ 31.60 31.54	33.64 33.00	10.2 9.38	24.34 23.08	do	Pale yellow	14.60		
.....	.....	.....	Filled Cheese.	.....	Charles C. Rice & Co, Chica go.	Not known	do	.....	{ 43.23 42.80	16.64 16.70	6.84 6.25	33.21 35.24	do	Brown	2.97	G. Macfarlane.
.....	.....	.....	Batter	.....	Furnished by Thos Wilson, Montreal.	Delaval separator used in manufacture.	do	.....	{ 11.61 11.07	83.86 84.46	3.46 3.73	0.64 0.74	do	White	13.97	
May	10	7157	do	.....	Black & Co, Prince Street, Truro, N.S.	J. Logau (farmer), Chester, N.S.	do	.....	{ 9.19 8.08	81.67 83.76	7.84 7.34	0.90 0.2	do	Yellowish	13.97	
do	23	7192	do	.....	E. O. Hill, St Stephen's, N.B	E. Sawyer (farmer), St. David, N.B.	do	.....	{ 7.58 7.27	88.47 88.46	3.09 3.07	0.86 1.20	do	do	14.19	

It may be as well to state here the method pursued in these analyses. Each sample was examined in duplicate, 5 grammes being used for each assay, and kneaded up in a certain quantity of asbestos fibre. The weight of the latter being known and also of the tube containing it, the loss sustained by the sample in the waterbath was regarded as water. Both assays, contained in the extraction tubes, were then placed in the Soxhlet apparatus and extracted with Petroleum Ether and afterwards dried. The loss thus sustained is that given under the heading of "Butter-fat." The assays were then washed with warm water containing 1 p.c. of acetic acid and again dried and weighed. This loss was regarded as "Salt and Soluble Matter," and in some cases may include lactose or the soluble substances produced in the fermentation of the Caseine. That part of the cheese remaining as residue among the asbestos in the extraction tube was regarded as "Caseine."

The fat from both assays was obtained by distilling off the Ether, and heating in the waterbath. It was not sufficient in quantity to allow of the determination of its specific gravity, but its contents in volatile fatty acids was ascertained by Reichert's method. The modification of the method pursued was, in the main, that recommended by Mansfeld (*Repertorium der Chemiker Zeitung*, Jahrgang XII No. 14, p. 120), but decinormal ammonia was used for titrating with rosolic acid as indicator. According to Mansfeld, butter-fats requiring 12.75 c. cm. or over of decinormal alkali to neutralize the volatile fatty acids in 2½ grammes, are undoubtedly genuine; when less than 12.75 c. cm. are used they are characterized as adulterated. Reichert gives 13.97 c. c. as the quantity of decinormal alkali required to saturate the volatile fatty acids from 2.5 grammes pure butter. When less than 12.5 c. c. are used the butter is to be regarded as adulterated.

Whether these figures are strictly applicable to fats extracted from cheese is doubtful, because it has not yet been ascertained whether, or to what extent, butter-fat undergoes a change in the fermentation or "ripening" of cheese. From some of the figures given in the above table it would appear, that during this process a diminution in the quantity of volatile fatty acids contained in the butter of the cheese does take place. For instance in the case of No. 7361 cheese curd from the factory of Macfarlane & McPherson, Huntingdon, P. Q., the fat from it is richer in volatile fatty acids, than that from ripened cheese obtained at the same factory. Moreover, while the fat from cheese curd has only a slight yellow tint that from ripened cheese is frequently coloured brown, showing that it has no longer the properties of pure butter-fat. Nevertheless it will be observed from the foregoing tables, that only in a very few cases is the amount of volatile fatty acids present less than that mentioned by Mansfeld, as indicating adulteration, and of these it will be seen that their origin is unknown. Many of the samples were simply purchased in shops, and the vendors were unable to state where they were manufactured. It is further to be remembered that some cheese sold in Canada is not of Canadian manufacture. For instance in 1887, 62,878 los. of cheese were imported into Canada from the United States and entered for home consumption. With reference to those samples of cheese or cheese curd, collected in Canadian cheese factories, their examination shows that only pure butter-fat enters into their composition, and that nothing approaching in character to "filled cheese," has so far been manufactured or even sold in Canada.

From the above data it will therefore be evident that no admixture of foreign fat whatever takes place in the manufacture of Canadian cheese. At the same time it must be admitted that the nature of the change which takes place during the "ripening" of cheese has not yet been thoroughly investigated, and that this will require to be done before the methods now in use for its analysis can be regarded as entirely satisfactory.

THOMAS MACFARLANE, F.R.S.C.,
Chief Analyst.

30th July, 1888.

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