

Department of Public Works.

APPENDIX No. 3.

DEPARTMENT OF PUBLIC WORKS OF CANADA,
CHIEF ENGINEER'S OFFICE,
OTTAWA, 12th December, 1893.

SIR,—I have the honour to transmit herewith for the information of the Honourable the Minister of Public Works, the following report upon the works under my charge during the fiscal year 1892-93.

The duties of the Chief Engineer of the Department of Public Works, and of the staff attached to his office, consist in :

I. The superintendence of the construction of, and repairs to the wharfs, piers and breakwaters built in the Dominion of Canada by the Federal Government, as well as the superintendence of works of improvement in rivers to facilitate navigation, such as lock work, jetty work, removal of obstructions otherwise than by dredging, etc.

II. The superintendence of dredging operations in the ports and navigable rivers of the Dominion, including the maintenance of the dredging fleet, and the construction of new dredges, tugs and scows.

III. The construction and administration of graving docks.

IV. The maintenance and administration of slides and booms on the Ottawa, the St. Maurice and the Saguenay Rivers, and in the Trent and Newcastle districts.

V. The construction and maintenance of interprovincial bridges, and of bridges in the North-west Territories.

VI. The making of hydrographic surveys, and examinations required for the preparation of plans and estimates.

VII. Miscellaneous operations, such as the testing of cements, and the making of experiments for the preservation of timber, etc.

VIII. The preparation of reports on the proposed construction, by private enterprise, of all works in or over navigable waters.

These many duties necessitate the employment of a large staff and a large expenditure, but it is my conviction that no expenditures are so profitable to the people of the country as those made for public works of value to commerce, such as building up harbours, removing obstructions from navigable water-ways, and connecting by canals these water-ways; and that, therefore, the expenditures required for these purposes should not be curtailed to the detriment of the country at large.

WHARFS, PIERS AND BREAKWATERS.

During the fiscal year 1892-93 works on wharfs, piers and breakwaters were carried out in the following localities :

Nova Scotia.

Barrington.....	Shelburne Co..	.....	Completion of landing pier.
Bayfield.....	Antigonish Co. ....	.....	New wharf and repairs to breakwater.
Belleveau Cove.....	Yarmouth Co. ....	.....	Repairs to wharf.
Big Tracadie	Antigonish Co.....	.....	Repairs to breakwater.
Bird Islands.....	Victoria Co. ....	.....	Removal of obstructions.
Blanche.	Shelburne Co.....	.....	Protection work.
Blue Rock.....	Antigonish Co. ....	.....	Repairs to breakwater.
Boularderie Islands....	Cape Breton Co. ....	.....	Repairs to wharf.
Broad Cove Marsh.....	Inverness Co.....	.....	Repairs to pier.
Canada Creek.....	King's Co.....	.....	do do