

Department of Public Works.

On resuming work in the spring of 1893, it was found necessary to go over a portion of the work done in 1892, as much filling had taken place during the winter, especially at the mouth of the piers. Dredging was begun 400 feet outside and was continued a distance of 312 feet between the piers. Work was also done in the harbour from the end of the piers to the elevator dock, the average depth obtained being 17 feet. At the close of the fiscal year the dredging was still in progress.

During 1892-93, a total of 239,240 cubic yards of hard-pan, sand, fine and ordinary gravel, boulders, clay, and stones were removed at cost of 6½ cents per cubic yard.

DREDGING AT HAMILTON.

Hamilton harbour is a large sheet of water enclosed by Burlington Beach, and is 37 miles west from Toronto.

On the 1st July, 1892, the dredging commenced under contract with Mr. F. B. McNamee on the 16th May was in progress on the shoal in front of the wharfs at the western end of the harbour, and continued until the 16th of August, when the work closed, the total number of cubic yards removed since the work commenced, being 50,989.

DREDGING AT THE KAMINISTIQUIA RIVER.

The River Kaministiquia empties into Thunder Bay, Lake Superior, to the westward of Port Arthur.

From this river, large quantities of wheat are shipped to the east, and to accommodate the steamers carrying this wheat, a large amount of dredging has been done on the bar in the bay and in the river itself.

At the elevators, the river is narrow, and vessels could not turn without much difficulty, to obviate which, a contract was entered into in April, 1892, for the formation of a turning basin at McKellar's Creek, and for dredging at other points where necessary.

Work which was in progress at the close of the fiscal year was continued in the river until the 14th September, 1892. When it was closed for the season, the quantity of material removed amounted to 48,408 cubic yards of clay, mud and sand.

On the 2nd of June, 1893, the dredge was placed to work on the bar off the mouth of the river, on a cut on the centre line of the range lights, to a depth of 16 feet. When this cut is finished two on each side of it are to be made to the same depth.

The quantity of material removed between the 2nd and the 30th June amounted to 7,595 cubic yards of sandy clay.

DREDGING AT KINCARDINE.

Kincardine is situated at the mouth of the Penetangore River, which empties into Lake Huron, 31 miles north of Goderich.

On the 3rd September, 1892, orders were given to resume dredging, and operations commenced on the 3rd and were continued until the 22nd October. The dredge worked 248½ hours and removed 10,445 cubic yards of clay, sand, &c.

On the 5th May last, dredging was again taken up and continued until the 20th May, when 3,800 cubic yards of silt and quicksand had been removed.

DREDGING IN KINGSTON HARBOUR.

Kingston is at the foot of Lake Ontario, 172 miles west of Montreal.

On the 5th May, 1893, the dredge "Queen" commenced operations in Kingston Harbour, the first work being done at the Rathbun wharf, where two cuts were made of 455 feet and 400 feet in length, 50 feet in width and 11 feet in depth. One cut 25 feet long, 25 feet wide and 10 deep was made at Anglin's wharf as well as one