

DREDGING AT CHARLEMAGNE.

Charlemagne, in the county of L'Assomption, is on the River L'Assomption, and is opposite the end of the Island of Montreal, 16 miles from Montreal.

During 1892-93, the dredge "St. Louis" operated in the River L'Assomption, making a cut 1,050 feet long, 22 feet wide and to a depth of 10 feet at low water in front of the wharf to the main channel. Four other cuts were made, besides a short one at the end of the wharf. The dredge ceased operations on the 14th October, by which time it had removed 5,477 cubic yards of clay and 1,525 of hard-pan.

DREDGING AT CHATEAUGUAY.

Châteauguay Basin is at the mouth of the Châteauguay River, 5 miles from Caughnawaga and 14 miles from Montreal.

On the 11th May, 1893, the "St. Louis" was moved from Ottawa to Châteauguay Basin, and began dredging in the steamboat channel, continuing the work up to the close of the fiscal year, at which date a channel 800 feet in length, 75 in width and 8 feet in depth had been made, the quantity of material removed being 6,000 cubic yards of sand, clay and boulders.

DREDGING AT DORVAL.

Dorval, Jacques Cartier County, is on Lake St. Louis, on the south-west side of the Island of Montreal, a short distance above Lachine and 10 miles from Montreal.

The dredge "St. Louis" worked at Dorval from 7th July to 22nd August, 1892, deepening the approach from deep water to the boat landing, making two cuts, one 800 and the other 400 feet in length, 23 feet wide each, to a depth of 7 feet at low water. The quantity of materials removed was 6,340 cubic yards of clay, 85 of boulders and 1,740 of sand.

DREDGING AT THE LÉVIS DRY DOCK.

In the month of September, the dredging commenced in the spring on the bar, across the entrance to the dock was completed, making a channel 300 feet and 10 feet deep at low water spring tides. The entrance between the wing walls was also deepened.

DREDGING AT LONGUEUIL.

Longueuil is the chef-lieu of the county of Chambly, and is situated on the south shore of the River St. Lawrence, nearly opposite the city of Montreal.

On the 2nd July, 1892, the dredge "St. Louis" was working in front of the wharf built by the department at Longueuil on a shoal of hard-pan, but after working three days in the removal of 200 cubic yards, the work was abandoned, a heavier and more powerful dredge being required to do the work.

DREDGING IN RIVER ST. MAURICE.

The River St. Maurice flows southwards, and empties into the St. Lawrence at Three Rivers.

In order to enable the barges used by the lumber merchants to load at the highway bridge, the western channel of the St. Maurice has, during the past season, been dredged to a depth of 9 feet at low water.

On the 21st July, 1892, a dredge was set to work to cut, a channel through a shoal at the outlet of the river. Operations were discontinued on the 5th August, 1892, and during this time 7,200 cubic yards of sand were removed and dumped on the south shore of the St. Lawrence, below Doucet's Landing, at a cost of \$1,895.56.

The channel dredged during the previous years has filled in considerably.