

No. 10 the velocity of the water is 3 1-2 to 5 knots. At these points the channel can easily be deepened more by removing loose stones, and forming a reef off the outside and straightening the present channel at the 2d point above the mill pitch.

No. 11 A few chains below the Tan house point commences the rapids. For 20 chains up, the current may be 4 1-2 knots, and 13 to 14 inches in depth; for 15 chains more it is 3 1-2 to 3 3-4 knots, and 13 to 15 inches depth—9 chains 50 links further, is the foot of the channel between.

No. 12 Marshatterre's upper island and main shore, about 16 feet in width and 9 inches depth at lowest water; length of this channel 4 1-2 chains to Marshatterre's point.

No. 13 From Marshatterre's point to point a Rousson, a distance of 15 chains, it is shallow. Boats have to keep out 1 1-2 chain; in this distance the depth may not be less than 14 inches (there may be required in this distance a couple of rollers or fixtures) it is easy to clear a few stones—velocity of the water is 3 1-2 knots. At Rousson's point, 4 knots; above this there are rocks here and there, which ought to be taken away; five chains above Point Rousson, boats go out on the outside of a rock 2 rods from shore; by clearing a few stones, might easily pass close to shore, the current is 3 1-2 to 3 3-4 knots; for 10 chains more there are some large stones, outside of which boats pass at low water, could easily clear inside; 11 chains further is the King's wharf at the cedars, rate of the current is 3 1-2 knots; require 3 rollers more (fixtures) in the last 25 chains. The whole distance from the Tan house to the King's wharf is 90 chains.

No. 15 At Point Marcoux it is shallow, require to keep out as much as 6 rods from the shore, the distance is about 4 chains, the current may be 3 to 3 1-2 knots; further out, there is plenty of water, and the current not more than 3 knots.

No. 16 At point Byron it is shallow near shore, require to keep out about 3 rods, where there is 2 1-2 feet depth and more; it may require a roller or fixture at a rock outside of the channel, immediately at or opposite the point; by clearing a few large stones, could get up near shore, the current at this point for 6 chains (being the length of this rapid) is 3 3 1-4 & 4 knots

Point a Joseph Gabriel is shallow, can keep out; the current may be 3 knots, a distance of 3 chains.

No. 17 At Point a Wattie, a shoal runs down from the point, about 2 chains require to keep outside of this shoal; the length of this point is 4 1-2 chains, the current may be 3 1-2 to 3 3-4 knots.

No. 18 At Point au Double, there is water sufficient by keeping out 2 rods; the length of this rapid is 5 1-2 chains, require one or two rollers or fixtures, rate of the current is 4 1-2 to 4 3-4 knots; a boat with 14 to 15 tons is drawn by 5 horses.

No. 19 At the lower point of the Horse shoe, require to cross towards the middle island, keeping on the outside with little difficulty till within 2 rods of the island where it is a shoal; boats keep on the outside of this shoal and inside of the next island and towards Wilson's Point (the channel in high water is along the shore inside of the islands, but at low water it is too shallow at the entrance and at the upper end of the first island,) along the outside channel, the depth of water is not less at any time than 3 feet between the islands Nos. 2 and 3; above the island there is plenty of water; by keeping a little out, the current, for a distance of 15 chains, is from 3- to 4 knots.

At the foot of the locks at the Cotcau, at low water it requires to let out water from the lock to enable a boat to float in with 10 tons; the width of gates are 12 feet 11 inches.