

back of the water to the lake above, was referred to in the first instance, and the probable raising of the lake level, with its tributary streams also. The precise amount of this "pack," cannot be determined definitely at present, except with great trouble and expense, it will therefore be necessary before the work is commenced, to establish numerous bench marks along the margin of the river and lake, to define the original level of the water, and to serve as means of determining with exactness the amount of the pack at those points and consequent damage to land, if any is sustained on low levels, or otherwise.

It is scarcely necessary to observe that an increased height to the level of Lake St. Louis (a shallow sheet of water), together with the increased draft of water down the river and rapids, consequent on the erection of the dam, will be of great benefit to the navigation during the season of low water.

It is thought the foregoing information, together with the Sections and soundings shewn on the plan, will cover the ground required in Mr. Page's letter.

CHARLES LEGGE,
Civil Engineer.

Montreal, November 4th, 1867.