

a reservoir for the Mills at Dartmouth. The Dam at Porto Bello is designed to retain the water of Lake Charles about two feet above the water line of the Canal; this extra space will contain the freshet water which may flow from Lake Loon and Cranberry Lake. I entertain no doubt but that we shall have plenty of water, not only for Canal use, but also for water powers. Should, hereafter, more water be demanded, Spider Lake, containing about 200 acres, and elevated 184 feet above Lake Charles, may, by a short cut, be turned into Lake Charles. A large reservoir may also be constructed on the Company's land on Lake Loon run. I would observe that I have not only tried to build you a Canal, but also form a number of water powers at the Locks. All the water between Dartmouth Cove and Porto Bello, not required to work the Plane at Marshall's, will flow into Dartmouth Cove. I hope to see this valuable stream turning, on its way to the Harbour, the water wheels of many useful Factories. The quantity of water discharged from Dartmouth Lake exceeds my former calculations; night and day, the water flows—no care is taken to preserve it.

At Port Wallace, one of the two old Locks has been taken down, and all the stone fit for use re-cut, the channel in the deep cut has been cleared out, the stones taken out of it have been built in a kind of retaining wall on the top of which a tow path is made. It is hoped that the other Lock will, with some repair, answer our purpose, as it was not built by contract, and is founded on the solid slate rock. I have a quantity of Timber ready to form the bottom of the other or upper Lock, in case it is found too expensive to base it altogether on the rock. The work remaining to be done at this point will be to re-build the Lock or