

Works still remaining to be done after the 31st March, 1895, to enable present steamers to navigate in ordinary low river to Pipiriki: (1.) Some snagging in Quarry Reach, and in bend below Kanihinihi. (2.) Kanihinihi: The tide which is felt here allows passage at low river, but occasionally, at low tide and low river, it is difficult, and more improvement would be useful. (3.) Te Papa: Some snags want removing. (4.) Te Ahinaenae: Water wants confining in channel to give more depth in channel. (5.) Parikino: Some snags to remove. (6.) Upokopoito: Completion of stone walls. (7.) Ohui: Snags to remove, and part of a slip. (8.) Shallow above Atene: Channel to be confined by wall, to give more depth. (9.) Ahuahu: Some snags and boulders to remove; also wall to direct channel. (10.) Shallow below Koriniti: Some snags and stones to remove. (11.) Ruapirau: Some snags and boulders to remove. (12.) Matahiwi: The most effective way would be shifting the channel used to side-channel along the left bank of river. This involves considerable blasting and excavation, and removal of boulders and rock, and clearing out of channel, and shifting part of training-wall. If present channel is kept, a papa-reef at foot of training-wall requires blasting and partly removing. This would be required for either channel. The Native eel-pas here are also in way of channel. (13.) Karatia: The channel at lower end of rapid wants confining by a wall, to deepen the shallow part; also some clearing of boulders. It would also be advisable to block the second channel at top, between the island and the right bank of river. (14.) In reach between Kawana and Kaiwaka, some rocks and boulders to clear out. (15.) Kaiwaka: Some boulders on upper part to be removed and snags cleared, and rock at lower part of rapid. (16.) Moutoa: Lower rapid—Stone groin at lower end, and remove snags. Mid or upper rapid—The shallow on crown wants improving by a directing-wall from island. (17.) Haumoana: A directing-wall from right bank, to confine and deepen water in channel. (18.) Kauaeroa: A lodgment of stones and boulders opposite creek to be removed, and some boulders at lower end of rapid. The Native eel-pas are also in way of the channel. (19.) Te Puka and Mangatainoko (two contiguous rapids): The channel wants widening by clearing out boulders, and may require directing-wall from left bank; also several snags and stones to be removed. (20.) Rapid at upper end of gorge below Pipiriki would be improved by confining channel and clearing out stones. (21.) Rapid below Pipiriki: Part of papa reef at lower end of rapid to be blasted and removed. (22.) General: Advantage to be taken of periods when river is very low to remove snags embedded in bottom and boulders then showing, as may be advisable, at various places along the river-course.

The revenue from river tolls during year ending the 31st March, 1895, has been £67 4s. Grants were got from Government—In May, 1894, £200; in February and March, 1895, £1,150. The expenditure for the year ending the 31st March, 1895, has been—For wages, £315 16s. 4d.; for repairs to plant, new plant, and material for blasting, and incidental expenses, £96 11s. 3d.; making a total for the year of £412 7s. 7d.

A new punt has been constructed, as it is found necessary for properly carrying on the works to have more than one punt. This punt was not ready till March, 1895, and will be available for the ensuing year's works, and the cost of the new punt will consequently be charged in the expenditure of next year.

The works will be continued during April and May, and later, if the weather and state of the river permit.

River above Pipiriki, as far as junction of the River Manganuioteao, about seven miles: Although no works are as yet contemplated above Pipiriki, yet the following notes taken between Pipiriki and the junction of the Manganuioteao may be added:—

(1.) The first rapid above Pipiriki is the Paparoa Rapid. This consists of two rapids: (a.) The first—There is good water, but some blasting and clearing of papa-rock and boulders is wanted to widen channel in parts. The run is very swift. (b.) The second—The best channel would be got on the right bank of the river. Some clearing wanted. Rapid run for a short way. Above this is a good quiet reach of moderate length.

(2.) Te-Au-te-Mutu Rapid: There is a rocky islet and two channels. The one on the right bank might be blocked. There is good water, but the run is stiff. Some snags to remove. Above this is a fine long reach with good water, and fairly clear of obstructions.

(3.) Autapu Rapid: A strong run. The channel is on the left bank, and plenty of water. Not much work in clearing. A shingle-bank on the right bank of the river keeps the water over to the channel. Above this is a good reach.

(4.) An easy rapid: A rock to blast and remove. Above this is a short, good reach of water.

(5.) A rapid: Good water. The channel is on the left bank, with a sharp bend against a papa face. A shingle bank confines the water to the channel.

(6.) Mangao Rapid: The channel is on the right bank, and runs against a papa face. A shingle bank on the left bank. Some rocks and boulders to clear out. Above this a quiet reach, with good water and papa faces on both sides.

(7.) Lower Ngapori Rapid: Short, swift run. Good water, with channel in middle. The lower end runs against the right bank. Shingle banks on both sides keep the water in the channel. Papa faces on both banks in this part of the river. A little below Upper Ngapora a run over a shallow. A directing-wall would improve.

(8.) Upper Ngapora Rapid: A large boulder bank on the left bank keeps the water to the right bank. Some large snags in the centre to clear out, and a number of boulders to remove. Good water, and very swift.

Above this, and reaching to the junction of the Manganuioteao, is a quiet reach, clear, and with good water.

Wire haulage-ropes would be required at several of these rapids between Pipiriki and Manganuioteao.

Above the junction of the Manganuioteao it is reported there is not much work required