

Rivière du Loup.—River du Loup in the county of Maskinongé, is a navigable and floatable stream. Its basin embraces an area of about 640 square miles, of which about 570 are above St. Paulin.

The principal falls are those of the *Poste*, where a force of 400 horse-power can be developed, of *l'Ile à Baribeau*, 270 horse-power, of *aux Trembles*, which is in the channel on the right of Juineau island, 1,080 horse-power, of the *Chaudière* 600 horse-power, of the Grande Chute or Chute à Magnan, situated in the parish of St. Paulin at about half a mile below the bridge of the Great Northern Railway. This last cascade, which is far the most important, is capable of yielding 2,000 horse-power.

At a slight distance below the "Chute à Magnan", two falls are met with at a distance of about 200 feet from each other, each having a height of 25 to 30 feet. Their collective capacity, at low water, is about 1,000 horse-power.

Most of these water-powers were conceded in 1907 to Mr. Henry L. Auger, of Montreal.

Coteau Rapids.—In the county of Soulanges, the *Coteau Rapids* occur in the river St. Lawrence opposite the parish of Coteau du Lac.

Experts estimate that these rapids are capable of producing from 10,000 to 15,000 horse-power.

Rivière du Nord.—In the county of Terrebonne, the river du Nord, which empties into the Ottawa is worthy of note. In the town of St. Jérôme, through which it runs, this stream furnishes the motive power to one of the largest paper mills in Canada.

One of the best water-powers is that provided by the *Sanderson rapids*, two miles from St. Jerome and quite close to the branch of the Canadian Pacific Railway. Mr. C.-E. Gauvin, C.E., estimates its capacity at 1200 horse-power.

Trembling Lake.—In the same county, the falls on the discharge of Trembling lake or Trembling Mountain lake, township of Grandison, situated at about two miles from Trembling Mountain station of the "Montreal & Western Railway."

Trembling Lake, which has a superficies of at least 4 square miles, forms a splendid reservoir, which imparts great value to this water-power.

The falls is 36 feet high and it is Mr. Gauvin's opinion that, by properly utilizing the lake as a reservoir, a constant force of 800 to 900 horse-power may be obtained.

Rivière du Diable.—On its part, the river du Diable can yield more than 200 horse-power. Its principal falls is situated between the townships of Grandison and Wolfe.