To conduct the necessary investigations in the area, the Commission established the International St. Croix River Engineering Board with members from both countries. Interested parties were invited to present their views to the Commission at a public hearing held in Calais, Maine, on June 27, 1958. As a result of its investigations, and representations made at the public hearing, the Commission made a number of recommendations which were made public on November 10, 1959, and which have been carefully studied by governments concerned.

The Governments have accepted the Commission's recommendations regarding steps to be taken to abate the pollution of the St. Croix River and the recommendations that anadromous fish runs be restored, that redevelopment of the Milltown, N.B. site for power and other purposes should be carried out by Canadian interests, that an international stream gauging station be installed by the appropriate agencies of the two countries downstream from the dam at Woodland, Maine and that the Commission be authorized to continue studies of the possibilities of development of the water resources of the St. Croix Basin. The Commission's recommendation number two, which concerns water levels on Last Grand and Spednik Lakes, is still under review by Governments.