

MEMORANDUM OF AGREEMENT
THE UNITED STATES SECTION OF THE INTERNATIONAL JOINT COMMISSION AND
THE DEPARTMENT OF THE ARMY (1998)
Amendment 11

ARTICLE II – SCOPE

Insert new paragraph P. as follows:

P. The St. Paul District, Corps of Engineers, shall accomplish river channel cross-section surveys over approximately 90 river miles of Rainy River starting from Ft. Frances and International Falls and heading downstream. The channel cross-sections will be appropriately distributed, on average, 1,700 feet apart with additional cross-sections being obtained at transition areas or within areas of fish spawning habitat concern. The data obtained will be compiled into an appropriate format for the models described below. To the maximum extent practical, the Corps will incorporate existing cross-section data from the Minnesota Department of Natural Resources into its data compilation. Initially, the purpose of obtaining cross-section data is to incorporate it into a hydraulic model of the Rainy River. Ultimately, this same data will also be incorporated into an in-stream flow habitat model. The purposes of these models are to: quantify fish habitat, including spawning habitat within Rainy River for selected species under different water flow regulation scenarios associated with operation of International Falls Dam; evaluate water surface elevations under such scenarios, and serve as a visualization tool that is easy to understand by the public in displaying outputs of such scenarios. Prior to commencing the surveying work, the St. Paul District shall coordinate the proposed survey plan with the International Rainy Lake Board of Control, International Rainy River Water Pollution Board, Minnesota Department of Natural Resources, the Ontario Ministry of Natural Resources, and the Rainy River First Nations to identify appropriate cross-section locations, areas of spawning habitat concern, and data formats. Cross-section locations shall be selected to optimize their usefulness for the models described above. The deliverable will be cross-section data in an electronic format that is compatible with these models and will be delivered to U.S. Section by 30 August 2006.

ARTICLE IV – RESPONSIBILITIES OF THE PARTIES

After the second sentence of paragraph A, Responsibilities of the Department of the Army, insert: The work described in Article II, Paragraph P, may, in the discretion of the Corps, be accomplished by in-house forces or by contract.

ARTICLE V – FUNDING

In the first paragraph, last line, after section N: delete “and”, and

In the first paragraph, last line, after section O: delete the period and insert “; and \$115,000 for Article II, section P.”

ARTICLE VIII – RESPONSIBILITY FOR COSTS

In the first paragraph, line 4: delete “\$446,900.” and insert “\$561,900.”

This Amendment 11 shall be effective when signed by both the U.S. Section and the Department of the Army.

International Joint Commission
United States Section


ELIZABETH C. BOURGET, P.E.
Secretary

DATE: 9-27-05

Department of the Army


DONALD R. KISICKI
Deputy Chief, Interagency and International
Services Community of Practice
Directorate of Military Programs

DATE: 9-28-05