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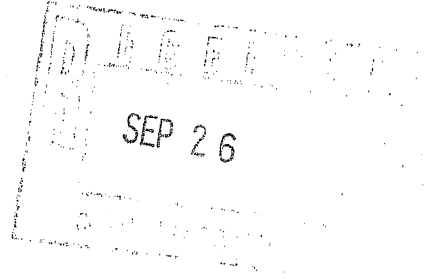
MEMO

To: J.April, SEA
P.Ryner, Peterboro

From: J.Lavigne, SFC

Date: September 15, 2000

Subject: Progress Report
Flood Plain Mapping Project
Our #262901



Completed Work To Date

1. Contoocook River and Nubanusit Brook HEC-2s from the original Peterboro FIS have been recoded in PC format and run to verify confirmation with published values.
2. The HEC-2 PC format has been converted to HEC-RAS format.
3. A new flood plain layer (base map) has been created from the digital mapping source data.
4. HEC-2/RAS cross sections have been located on the new base map consistent with their location as published in the FIS.

Work To Be Completed in September

1. Adjust original FIS river stationing to the new base map.
2. Verify model conversions of the bridge/dam structures between the HEC-2 and HEC-RAS models. (Note: No new bridges will be coded. It was agreed that Nubanusit Brook bridges would neither have nor create 100-year flood elevations different from the published FIS values.)
3. Run 100-year and 500-year flood analyses and create a digital plot for review.