



## SKAGIT COUNTY BOARD OF COMMISSIONERS

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November 17, 2008

Ryan Ike, Risk Analysis Branch Chief  
U.S. Department of Homeland Security, Region X  
Federal Emergency Management Agency  
130 - 228th Street SW  
Bothell, WA 98021-9796

Dear Mr. Ike:

The enclosed report, entitled *Re-evaluation of the Magnitude of Historic Floods of the Skagit River near Concrete*, is submitted to FEMA for consideration in any technical re-evaluation of the historic flood estimates for the Skagit River at Concrete, and unregulated flood quantiles. We believe this report provides new technical information that is important and significant in regards to determining the magnitude of the historic floods, the historic discharge estimates and resultant 100-year flood discharge estimate. The report was prepared by Northwest Hydraulic Consultants for Skagit County for the purpose of improving technical confidence in these estimates.

At an August 5, 2008 meeting, at your office in Bothell, presentations were given to FEMA, the US Army Corps of Engineers and USGS by a consultant for Skagit County and by a consultant for local cities that raised new questions about the historic flood estimates for the Skagit River at Concrete. Following the presentation you invited attendees to prepare and submit packets to FEMA with:

- New technical information
- Recommendations for revised discharge estimates for floods of 1897, 1909, 1917, and 1921 for the Skagit River at Concrete based on the new information
- A recommendation for the revised flood frequency analysis based on the new information.

This letter and enclosure is our response to that invitation.

As you know, Skagit County has worked cooperatively with FEMA, the US Army Corps of Engineers, USGS and many local jurisdictions for the past several years to improve confidence in the historic flood estimates and resultant flood frequency analysis. We trust you will find our submittal useful for this purpose.

We intend to continue working cooperatively with FEMA, the US Army Corps of Engineers, USGS and local jurisdictions, and we thank you in advance for the consideration to be given to the County's submittal.

Sincerely,



Don Munks, Chairman



Kenneth A. Dahlstedt, Commissioner



Sharon D. Dillon, Commissioner

BCC/rb

Enclosure

cc: James E. Voetberg, P.E., Skagit County Public Works Director/County Engineer  
Tim Holloran, Assistant Skagit County Administrator  
Mayor Brunz, City of Burlington  
Mayor Norris, City of Mount Vernon  
Mayor Anderson, City of Sedro-Woolley  
Jason Vanderkooy, Dike District 1  
David Olson, Dike District 3  
Chuck Bennett, Dike District 12  
Daryl Hamburg, Dike District 17  
Stanley Nelson, Dike District 22  
Ted Perkins, US Army Corps of Engineers  
Mark Mastin, USGS