

21 July 1978

MEMO FOR: RECORD

SUBJECT: Skagit Levee Project Meeting, 20 July 1978

1. Forrest Brooks called an impromptu meeting to review hydraulics studies for the Skagit Levee Project. Present were Soule, Regan, Brooks, McKinley, Vogler, myself and several others.
2. McKinley has the following maps that have been prepared for the study:
 - a. Two foot contours, at 1"=50' for the area around Mt. Vernon.
 - b. Ortho photo strips of the North and South Forks, at 1"=400'.
3. The meeting centered around a quad map overlay on which Soule has laid out 50-year and 100-year flood plain boundaries and water surface elevations for natural conditions. The discussion concerned the next steps involving alternative levee situations. The natural conditions work seems applicable to the Skagit County Flood Insurance Study.
4. Following the meeting I talked to Bob Vogler who is using the flood plain map to determine damages and benefits for the project. The following questions came up about the map:
 - a. In the overflow areas, sheet flow is indicated with a maximum depth of one foot. Water surface contours are also shown for the same areas indicating some greater depths of flooding.
 - b. The 50-year tide at Skagit Bay is ponded 6' deep, compared to 8' at Padilla Bay. Why the difference?
 - c. Vogler says that 100-year flood depth for an area upstream from Mt. Vernon has been lowered from 35 feet to 31 feet in our previous FIS. Why the difference?
5. After the meeting I discussed the situation further with Forrest Brooks. He said that narratives of the hydraulic work would be available for his draft this fall. He doesn't plan to include a large flood plain map. Brooks doesn't think Skagit County will want to implement regulations based on pre-project flood conditions, if the project will be started in 1980; as targeted.

Re Skagit Co FIS

cc Brooks LP

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GARDNER

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