



**Draft Meeting Summary**  
**Skagit FCZD Dike and Drainage Technical Committee**  
**Tuesday, September 23, 2008; 4:30 p.m. – 6:30 p.m.**

**Location:** Burlington City Council Chambers

**Meeting Purpose:** To respond to September 15<sup>th</sup>, Advisory Committee request to Technical Committees

**Attendees:** Chuck Bennett, Dike, Drainage and Irrigation District 12; Daryl Hamburg, Dike District 17; Dave Olson, Dike District 3; Brian Olson, Drainage and Irrigation District 17; Mike Shelby, Western Washington Agricultural Association; Tom Slocum, Skagit Conservation District; Leonard Eliason, Dike District 17; Lorna Ellestad, County staff and Cathie Desjardin, USACE. Stan Nelson, Dike District 22 was excused.

**Absent:** Dean Flaig, Drainage District 21; David Hedlin, Dike District 9; Gary Jones, Jones and Smith; Ronald Knutzen, Dike, Drainage and Irrigation District 5; Linda Smith, USACE; Robert Swanson, Dike, Drainage and Irrigation District 20; Dave Towne, Britt Slough SFCZ District; Jason Vanderkooy, Dike District 1.

**Action Items**

- Next Meeting – October 14<sup>th</sup>M, 2008 from 4:30 – 6:30 pm Burlington City Council Chambers.
- Issue with meeting quorum: Members present requested that County poll all committee members, via phone call, to see if there is concurrence to remove members from “voting status” after missing three consecutive meetings. Members would remain on committee as a “non-voting” member.
- Dike District 17 requested that DD Commissioner Leonard Eliason be added as a member.
- Agenda for next meeting includes:
  - Continuation of criteria discussion
  - Three meeting rule
  - Proxy for AC meetings

**Committee Meeting Notes:**

- Meeting notes from May 5<sup>th</sup> meeting were distributed and reviewed. Chuck Bennett made the motion that they be accepted; Dave Olson seconded and the motion was passed.
- The sign-in sheet was passed around and roll call was taken.
- Discussion ensued on difficulty with establishing a quorum when folks were absent. It was suggested that if a member misses three consecutive meetings, they would be removed from voting status but remain as a non-voting committee member. All members are encouraged to attend more frequently or send a proxy.
- Discussion on Measures criteria consisted of drafting an outline of issues for distributed to all committee members. It was requested that members provide comments on the outline and any proposed additions to the outline back to Lorna by October 10<sup>th</sup>. The criteria outline and submitted comments will be distributed, along with the meeting agenda, for discussion at the October 14<sup>th</sup> meeting. (Criteria outline attached).

# Dike District Technical Committee Measure Criteria Outline

## **Critical Infrastructure:**

Critical infrastructure needs to be identified and located on map and prioritized for protection  
Known problem areas need to be similarly identified.

## **Certified Levees:**

100 year certified levee locations need to be identified and prioritized.

## **Rural Preservation:**

Less than 100 year protection is desired for rural areas to retain rural designation and preserve farmland

## **Flood Protection First:**

Design measures for effective flood protection first. Setback levees where possible to provide a riverward shelf along the toe.

## **Maximum Multi-bridge Corridor conveyance:**

Need to establish maximum conveyance through Multi-bridge corridor reach before districts can commit to design of levee improvements in lower basin. Need to identify level of debris buildup on bridges when modeling maximum flow.

## **Existing levee alignment:**

Improve levees along existing levee alignments and utilize County road right-of-way to widen base of existing levees for levee improvements where available.

## **Overland Flow Conveyance and relief structures:**

Overland flow conveyance pathways and outlet structure locations need to be identified and evaluated. This is important for existing conditions and levee failures as well as for proposed measures.

## **Levee Failure Analysis:**

Cathy Desjardin briefly described a levee failure analysis model that the Corps is planning to develop for levees in the Skagit River basin and requested that DD commissioners work with her to identify known problem areas within the districts. The purpose of the model is to provide a more detailed levee failure analysis than what has been available for the Skagit River basin in the past. The main improvement over the existing levee failure, non-failure analysis is the inclusion of more detailed geotechnical information. Cathy provide a copy of a Corps study completed for the Hamilton City in California as an example of a study that included more specific geotechnical work. Copies of this document will be made available for review upon request.

One of the benefits of the levee failure point analysis would be that the levee reaches where 100-year certification is desired could potentially receive more detailed geotechnical exploration and analysis. This detail analysis could then serve as Corp documentation for the FEMA levee certification process. The Corps has stated that the levee analysis study that Cathy is proposing will be their top priority for FY '09 funding and a more detailed scope of work and schedule will be provided at a later date.