

SKAGIT COUNTY DIKE DISTRICT #9

Dike District Profile:

Land Area Owned: 5 acres
Miles of Dike/Levee: 4 miles
Value of Dike/Levee: \$3,000/ft 2008 USACE \$63,360,000

Outline and Value of Area Served:

The Dodge Valley area – bounded by Sullivan Slough on the west and north, Pleasant Ridge on the east, and the Skagit River on the south. The value of the area served by the district is approximately \$15,500,000

Current and Anticipated Service Trends:

The anticipated service trend is expected to remain stable. District revenues are modest and only provide for basic maintenance of dikes such as mowing and minor repairs. The “mean low water” table continues to slowly rise due to river mouth silting.

Natural Hazard Vulnerability Analysis Rating:

This District is most vulnerable to the following natural hazards - ranked in order:

1. Flood
2. Severe Storm - over 1" of rainfall in 24 hours
3. Earthquake

Recent (2003 – 2008) Natural Hazard Event History:

Type of Event	Date	Total Public Damage
Overtopping of Sullivan Slough Dike due to Tidal Surge event	February, 2006	No damage occurred to the Dike due to this event

Existing Applicable Natural Hazard Mitigation Policies, Ordinances, and Codes:

1. Revised Code of Washington (RCW) 85
2. Public Law 84-99, Flood Control and Coastal Emergencies
3. U.S. Army Corps of Engineers, Engineering Regulation 500-1-1
4. Skagit County Comprehensive Flood Management Plan – 1989 (currently being updated)
5. Skagit County Natural Hazards Mitigation Plan

Proposed Natural Hazard Mitigation Measures (2003 – 2008):

Mitigation Measure	Lead Agency	Funding Source	Time Line
Improve Levee Maintenance	Commissioners	Grant funding	Short-term
Improve Landing Road Levee	Commissioners	Grant Funding	Short-term
Widen and Straighten existing levees	Commissioners	Grant Funding	Long-term

Mitigation Accomplishments (2003 – 2008):

Improve Levee Maintenance:

Due to a lack of local funding and grant funds, no progress was made towards accomplishing the above-listed mitigation measures during the 2003 – 2008 plan cycle.

Improve Landing Road Levee:

Due to a lack of local funding and grant funds, no progress was made towards accomplishing the above-listed mitigation measures during the 2003 – 2008 plan cycle.

Widen and Straighten Levees:

During the 2003 – 2008 plan cycle, the district reinforced a portion of Dike near the mouth of Sullivan Slough to prevent seepage.

Proposed Natural Hazard Mitigation Measures (2008 – 2013):

The mitigation measures listed above remain valid and have been re-affirmed for the 2008 – 2013 plan cycle.

In addition, Dike District #9 plans to repair/upgrade a manual screw gate at the Landing Road Levee during the 2008 – 2013 plan cycle.