

Dike District 12
(plus Dike 8 and Drainage 8 area)

Dike District Profile

Land Area Owned: 150 + acres
Miles of Dike/Levee: 9.5 sw / 10 fw miles
Value of Dike/Levee: \$51,616,000 / 53,000,000
Number of Pumps: 3
Value of Pumps: \$150,000
Number of Tidegates: 11
Value of Tidegates: \$170,000
Value of Equipment Owned: \$554,000
Value of Area Served: \$1,119,200,000 +

Critical Facilities (Owned by District):

1. Dike 12 H.Q. approximate value \$850,000

Outline of Area Served: 20,000 acres encompassing area east of Burlington where United General Hospital is west to north and south sides of Bayview Hill to Swinomish Channel south to almost La Conner east to between Best and Bradshaw Roads north to Mc Lean Rd east to Barrett Rd then north east to river and up stream to Sterling area- SEE DIKE MAP

Current and Anticipated Service Trends: Increase in development and value of service area especially in Burlington area. Dike 12 will be annexing Dike/Drainage 8 area

Natural Hazard Event History

NATURAL HAZARD EVENTS (1975-PRESENT)		
Type of Event	Date	Total Public Damage
FLOOD	1975,1979	
	1980,89	
	1990	500,000 +?
	1995-96	900,000
	1997,2002	0

Natural Hazard Vulnerability Analysis Rating

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

1. Flood
2. Severe Storm – 25 year event: 1" of rain in 24 hours
3. Earthquake/ Liquifaction
4. Volcano/Lahar/Dam failure

Existing Applicable Natural Hazard Mitigation Policies, Ordinances, and Codes

1. COE PL 84-99 and 500-1-1 standards for levees
2. RCW 85 & 85.06

Existing Applicable Hazard Mitigation Associated Plans and/or Documents

1. Evacuation Plan for Burlington
2. Skagit County Flood Damage Reduction Study (COE)
3. Skagit Co. Comprehensive Flood Control Management Plan -1989

Proposed Natural Hazard Mitigation Measures

Mitigation Measure	Lead Agency	Funding Source	Time Line
Provide minimum 50 year and maximum 80 year protection for flood plain	Commissioners	Grant funding/ Tax Revenues	Long Term / Ongoing
Setback levees from the mouth of the Skagit River to Sedro Woolley area and/or with bypass	Commissioners	Grant funding / Tax Revenues / Other sources as available	Long Term
Buy-outs in Sterrling/Nookachamps areas and upriver along with extra storage area behind dams on the Skagit River	Commissioners	Grant funding / Tax Revenue / District budget	Long Term / Ongoing
Additional flood protection for United General Hospital	Commissioners	Grant funding / Tax Revenue / Other sources as they become available	Long Term
Replace Tidegates-Dist 8	Commissioners	Grant funding / Tax Revenue / Other sources as they become available	Short term
Upsize ditches	Commissioners	Grant funding / Tax Revenue / Other sources as they become available	Long term