

SKAGIT COUNTY DIKE/DRAINAGE DISTRICT #5

Dike District Profile

| | |
|--|-------------------|
| Miles of Dike/Levee: | D: 7 ½ L: 4 miles |
| Value of Dike/Levee: \$3,000/ft 2008 USACE | \$182,160,000 |
| Number of Pumps: | 2 |
| Value of Pumps: | \$ 100,000 |
| Number of Tidegates: | 10 |
| Value of Tidegates: | \$ 150,000 |
| Value of Area Served: | \$ 12,041,300 |

Critical Facilities (Owned by District):

1. Tide gate pumps approximate value: \$ 250,000

Outline of Area Served: West side along Padilla Bay from north at D'Arcy Road to Samish Island- North end is south end of Samish Bay- East side is L. Bank Samish River to T. Loop Road then due west

Current and Anticipated Service Trends: Development upstream Bow Hill effect Samish River Runoff

Natural Hazard Event History

| NATURAL HAZARD EVENTS (1975-PRESENT) | | |
|--------------------------------------|----------|---------------------|
| Type of Event | Date | Total Public Damage |
| Flood | (2) 1990 | |
| | (2) 1995 | |
| High Tide, Severe Storm | 2005 | \$60,000 |

Natural Hazard Vulnerability Analysis Rating

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

1. Flood
2. Severe winter storm- low pressure, high tide/ wind waves
3. Earthquake/ Tsunami

Existing Applicable Natural Hazard Mitigation Policies, Ordinances, and Codes

1. RCW 85.06 for Drainage #5
2. RCW 85 for Dike

Proposed Natural Hazard Mitigation Measures

| Mitigation Measure | Lead Agency | Funding Source | Time Line |
|----------------------------|---------------|----------------|---|
| Bay Dike/Rip-rap (elev.) | Commissioners | Grant funding | Work completed |
| Install pump at tide gates | Commissioners | Grant funding | Due to permitting issues, this mitigation goal was deferred and is hereby re-affirmed for the 2008 – 2013 plan cycle. |

Existing Prioritized Natural Hazard Mitigation Strategies or Projects

1. Bay Dike/ Rip Rap (elev.)
2. Install pump @ tide gates

Existing Applicable Hazard Mitigation Associated Plans and/or Documents

1. Skagit County Comprehensive Flood Management Plan- 1989
2. 2003 Hazard Mitigation Plan