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

<table>
<thead>
<tr>
<th>Type of Event</th>
<th>Date</th>
<th>Total Public Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood</td>
<td>(2) 1990</td>
<td></td>
</tr>
<tr>
<td>High Tide, Severe Storm</td>
<td>2005</td>
<td>$60,000</td>
</tr>
</tbody>
</table>
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

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