

Skagit County Sewer District # 1

Sewer District Profile

Outline of Area Served: The district serves the areas of Sunny Slope, Shorewood, Snee-Osh Beach, and Reef Point; all located on Fidalgo Island. The district owns and operates approximately 1 lineal mile of sanitary sewer pipeline that serves 126 households occupying an area of approximately 150 acres.

Critical Facilities Owned by Sewer District and Estimated Value:

1. Sanitary Sewer Pipeline	\$500,000
2. Main Pumping Station	\$300,000
3. McGlenn Lift Station	\$ 60,000
4. Chilberg Lift Station	\$ 60,000
5. Back-up Generator	\$ 35,000
6. Two Grinder Pumps	\$ 25,000
Total Estimated Value:	\$980,000

Current and Anticipated Service Trends: The district anticipates adding one-two households per year through out the 2008 – 2013 plan cycle.

Natural Hazard Vulnerability Analysis Rating: This Sewer District is most vulnerable to the following natural hazards - ranked in order:

1. Severe Storms
2. Flooding (high tides and storm surge events)

Between January 1, 2004 and September 30, 2008, Sewer District #1 has been impacted on 14 separate occasions due to pump failures from power outages caused by severe storms. Costs to the District for monitoring the lift station and use of an emergency generator during these events exceed \$8,500.

These pump failures can cause a divesting effect as the District's sewage is pumped to the Town of La Conner sewage treatment plant via pipelines owned by the Swinomish Indian Tribal Community. Without the District taking action, these pump failures could cause contamination to nearby lands, shorelines, and the waters of Skagit Bay.

Proposed Natural Hazard Mitigation Measures: The mitigation measure listed below was identified in 2003 as part of the original development of the Skagit County Natural Hazards Mitigation Plan. Due to lack of local funds, no progress has been made towards accomplishing this mitigation measure. However, this mitigation measure remains valid for the District and has been reaffirmed for the 2008 – 2013 plan cycle.

Mitigation Measure	Lead Agency	Funding Source	Time Line
Purchase and Install Back-Up Generator	Commissioners	Grant and/or Budget/Bonds	Short Term