

## **South Whidbey Fire and Rescue (Island County Fire Protection District #3)**

### **I – District Profile**

1. Land Area Owned: 20 Acres on Thompson Road,
2. Land Area Served: 66 Square Miles of south Whidbey Island with a shoreline of 54 miles and a population of approximately 16000.
3. Value of Area Served: \$ 2,599,414,511.22 (2006 assessed property value in District)
4. List of District Equipment: See Enclosure 1
5. Value of District Equipment: Approximately \$1,935,800
6. List of Critical District Facilities: See Enclosure 2
7. Value of Critical District facilities: \$3,138,168

### **II – Outline of Area Served**

South Whidbey Fire and Rescue serves the south one-third of Whidbey Island that is bordered on the south and east by Possession Sound and Saratoga Passage and on the west by Puget Sound. The northern boundary of the district is shared with Central Whidbey Fire and rescue and is the section line that is most near the intersection of State route 525 and Mutiny Bay Road. See map at Enclosure 3.

### **III – Current and Anticipated Service Trends**

Since 2000 the District has experienced an average 8.9% increase in calls. See enclosed call summary trends (Enclosure 4) that goes back to 1984. Service trends by type indicate a rise in the number of medical emergencies and a decrease in the number of structure fire calls. However, the District still responds to a large number of auto accidents. Severe storms such as wind events create a need for basic fire resources to respond in different roles. Given the large percentage volunteer firefighters in the District, the ability to respond to all types calls in an emergency is stretched considerably.

### **IV – Natural Hazard Event History**

The natural disasters that have occurred in the District service area have not damaged Fire District structures or facilities.

## **V – Natural Hazard Risk/Vulnerability Risk Ration**

- #1 Earthquake
- #2 Severe Storm
- #3 Tsunami
- #4 Flood
- #5 Landslide
- #6 Volcanism
- #7 Wildland/Interface Fire
- #8 Drought
- #9 Avalanche

## **VI – Existing Applicable Hazard Mitigation Codes, Ordances, or Policies**

The South Whidbey Fire and Rescue follows and enforces the codes and ordnances of Island County and the State of Washington. See Appendix D, Mitigation-Related Polices and Programs Listed by Jurisdiction of this plan.

## **VII – Existing Applicable Natural Hazard Mitigation Associated Plans and Documents**

None Known

## **VIII – Proposed Natural Hazard Mitigation Initiatives in Priority**

- #1 Conduct seismic studies of existing facilities and incorporate earthquake survivable features into planned facilities designs.**

Lead Agency: South Whidbey Fire and Rescue

Funding Source: District funding for capital improvements and applicable Grant funding. Total cost unknown until designs are completed.

Time-Line: 1-2 years of funding approval.

A cost benefit analysis of this initiative with new alternatives and option will be accomplished prior to a final grant-funding request.

- #2 Survey and equip existing and planned facilities to improve their utility as shelters and heating stations during severe weather and extended utility (power for heat and water supply) outages.**

Lead Agency: South Whidbey Fire and Rescue

Funding Source: Applicable grant funding. Total cost unknown until

survey are completed and required equipment identified in type and cost.

Time-Line: 1-2 years of funding approval.

A cost benefit analysis of this initiative with new alternatives and option will be accomplished prior to a final grant-funding request.

**Enclosures**

1. List of District Equipment
2. List of Critical District Facilities
3. District Service Area
4. District Call History Trends