

Central Whidbey Island Fire & Rescue
1164 Race Road
Coupeville, WA 98239

I.) **District Profile**

Central Whidbey Island Fire & Rescue (CWIF&R) is responsible for fire prevention and suppression, emergency medical response, and technical/marine rescue services in and around the central portion of Whidbey Island in Island County, Washington, including the Town of Coupeville, the County seat established in 1863. Our population has just passed 11,000 and we are growing at about 9% per annum. Significantly, 21% of the population we serve are above 65 years of age, as ours is a popular retirement area.

Mostly rural, we are now seeing the construction of more 2- and 3-story structures, construction on steeply inclined land, and some very large new homes; this, in addition to our historic buildings and miles of shoreline with beaches inaccessible below steep bluffs and cliffs.

The District was formed in 1953 and currently employs seven people. The District also has approximately 35 volunteers. The District is primarily funded by property taxes, governed by a 3 member Board of Commissioners. The Board has authority over the district and will assume the responsibility for the adoption and implementation of this plan. A Fire Chief reports to the Board of Commissioners and handles the operations of the fire district.

1.) **Land Area Owned** - The district owns 11.75 acres on 6 parcels of land: 2 acres in Coupeville; and 9 acres throughout the district.

Land Area Served - The service area of CWIF&R covers about 50 square miles in the central part of Whidbey Island with the northern boundary at block 600 N, southward to block 4800 S.

2.) **Critical Infrastructure/Equipment** - The district currently has 6 engines, 3 tenders, 4 Rescue/Quick Attack vehicles, multiple light duty vehicles, water tanks/pumps, and office equipment & supplies.

3.) **Value of Critical Infrastructure/Equipment** -
The estimated value of critical CWIF&R equipment is \$2,090,740.

4.) **List/Location/Value of Critical Facilities (owned by District) - \$1,875,817**

Facility:	Approximate Value:
(Old) Station 51 203 N. Main Street Coupeville, WA 98239	\$ 171,102
Station 51 109 N. Main Street Coupeville, WA 98239	\$ 718,461
Station 52 12 W. Morris Road Coupeville, WA 98239	\$ 110,665
Station 53 - Headquarters 1164 Race Road Coupeville, WA 98239	\$ 410,237
Station 54 3253 Day Road Greenbank, WA 98253	\$ 273,352
Training Facility 3253 Day Road Greenbank, WA 98253	\$ 192,000

5.) **Value of Area Served** - \$1,071,905,443

II.) **Outline of Area Served (see attached map)**

Central Whidbey Island Fire and Rescue is responsible for fire prevention and suppression, emergency medical response, and technical/marine rescue services in and around the Town of Coupeville and covering about 50 square miles in the Central part of the island. Population of the area protected is more than 11,000 and is growing at about 9% annually. This is a popular retirement area with 21% of the residents being 65 years of age or older. Mostly rural, we are seeing more construction of 2- and 3-story structures being built on steeply inclined land and also some larger new homes. There are historic buildings and miles of shoreline with beaches, inaccessible below steep bluffs and cliffs.

III.) **Current and Anticipated Service Trends**

The district is experiencing an average increase of 13% per year, primarily from medical alarms, illegal burns and weather related alarms.

FREQUENCY OF EVENTS							
	2000	2001	2002	2003	2004	2005	6 year totals
Fire	57.00	48.00	38.00	40.00	27.00	32.00	242.00
Rupture/Explosion	3.00	0.00	1.00	3.00	1.00	0.00	8.00
EMS/Rescue	429.00	410.00	368.00	430.00	468.00	537.00	2,642.00
Hazardous Condition	27.00	24.00	18.00	71.00	35.00	42.00	217.00
Service Call	45.00	41.00	64.00	54.00	56.00	58.00	318.00
Good Intent	68.00	67.00	71.00	107.00	108.00	104.00	525.00
False Call	33.00	43.00	41.00	48.00	59.00	104.00	328.00
Other	15.00	7.00	0.00	8.00	3.00	1.00	34.00
Totals:	677	640	601	761	757	878	4,314
Rate per day	1.9	1.8	1.6	2.1	2.1	2.4	2.0

IV.) **Natural Hazard Event History**

NATURAL HAZARD EVENTS (1975 -PRESENT)		
TYPE OF EVENT	DATE	Total Damage
Earthquake	2001	None to Fire District Property
Earthquake	2000	None to Fire District Property
Earthquake	1996	None to Fire District Property
Severe Winter Storm	1990	\$12,000 damage to roof of Coupeville Fire Hall
Severe Rainstorm	1987	None to Fire District Property
Major Windstorm	1980	None to Fire District Property

V.) **Natural Hazard Risk/Vulnerability Risk Ranking**

The district is most vulnerable to the following natural hazards - ranked in order:

- 1) Severe Storm/Weather
- 2) Earthquake

VI.) **Existing Applicable Hazard Mitigation Codes, Ordinances, or Policies**

The district participates in *Island County Mitigation Plan*. Mitigation Strategy:

VII.) **Existing Applicable Natural Hazard Mitigation Associated Plans and/or Documents**

1.) **Goal: Community Addressing**

Eliminate or reduce the long term risk to human life and property from identified hazards.
Strategy: Inspect and identify all occupied properties by helping to insure proper addressing and accessibility.

Lead Agency: Central Whidbey Island Fire & Rescue

Probability of Occurrence: High

Implementation Time: Ongoing

Implementation Cost: \$ 8,000 start up; \$ 2,000 annually to maintain

2.) **Goal:** Provide Emergency backup power at each Fire Station.

Three of the existing facilities need backup emergency power to operate during power disruptions. These facilities are needed on a 24/7 basis and can also be used as refuge for the community members displaced during an emergency situation.

Lead Agency: Central Whidbey Island Fire & Rescue

Probability of Occurrence: High

Implementation Time: 2 to 3 years

Implementation Cost: \$ 14,000 for each facility 500 annually to maintain.

3.) The District has worked Whidbey General Hospital, Island County Sheriff's Department, Coupeville Police Department and surrounding fire district's to help pool people and equipment for use as needed.

4.) The District will continue to write and implement plans and policy for the protection of mobile assets and the utilization of human resources during these events.

VIII.) **Proposed Natural Hazard Mitigation Initiatives**

Proposed Natural Hazard Mitigation Initiatives						
NO.	Mitigation Initiative	Administering Agency	Funding Source	Time Line	Goal #	Objective #
# 1	Community Addressing	Central Whidbey Fire	General Funds	3 to 5 Yrs.		Address every home and business within Central Whidbey
# 2	Emergency Power at Each Fire Station	Central Whidbey Fire	General Funds and Grants	3 to 5 Yrs.		Enable 24/7 uninterrupted operations at each fire station Allow stations to be used as refuge for displaced persons during natural events

IX.) Benefit Cost Review of Mitigation Initiative

Benefit Cost Review of Mitigation Initiatives					
Priority	Mitigation Initiative #	Estimated Costs	Estimated Benefit	B/C #	Ratio Greater than 1 Yes or No

Explanation of priorities: Power outages happen frequently on the island. We need power to operate station bay door openers, light & heat for the facilities in case they are needed to house displaced community residents.

X.) Future needs to better understand risk/vulnerability

XI.) Additional Comments