

MITIGATION STRATEGIES FOR THE CITY OF ANACORTES

These tables identify initiatives that the City of Anacortes has identified, as of June 2003, to meet our goal to mitigate natural hazard impacts to existing and future infrastructure, critical facilities and the community investment in housing and commerce.

FACILITY	HAZARD	MITIGATION
Water treatment facility	Flood Winter Storm, Wind Storm	Move the facility out of the flood plain but maintain capability to collect water from the river. The Anacortes water treatment and distribution system serves 3 communities and a portion of Skagit and Island county with over 76,000 citizens along with large industry and military needs in the service area. Purchase and install an emergency generator with capacity to supply enough electricity to operate the plant.
Water Distribution	Flood, Storm, Equipment failure Earthquake	Construct an inter-tie with Skagit County PUD. The inter-tie with Skagit County PUD will provide both utilities with capacity should either plant be out of service for a short period of time. Install isolation valves at water reservoirs. Relocate portions of distribution system to protected areas.
Fire Station 1	Earthquake, winter storm, wind storm	Install alternate fuel source for emergency generators. Relocate overhead power lines underground at apparatus access and egress.
Fire Station 2	Earthquake, winter storm, wind storm	Install alternate fuel source for emergency generators.

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City Hall	Earthquake, winter storm, wind storm	Install emergency generator, Study building for seismic capacity and provide necessary modifications Upgrade fire protection systems. City hall is an 80-year-old building that houses several critical functions. Upgrade of the building structural and fire systems is necessary to ensure continued function during and after any natural hazard event.
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The City of Anacortes has been pro-active upgrading facilities to modern codes. Since 1985 the following new facilities have been constructed:

- Two fire stations
- Sewer treatment Plant
- Public safety facility with EOC
- Library
- Water distribution system upgrades
- All schools modernized with seismic upgrades
- Hospital upgrades for seismic, fire safety and emergency care needs

Other mitigation strategies:

- Adopt and enforce building codes as adopted by the State of Washington
- Participation in the National Flood Insurance Program
- Compliance with the State of Washington Growth Management Act
- Implement a Disaster response plan
- Develop and implement a natural hazard awareness program