

**TOWN OF LA CONNER ACTION PLAN FOR NATURAL HAZARD  
REDUCTION - SELECTION OF APPROPRIATE ACTIVITIES**

- 1. Preventive activities, such as zoning, stormwater management regulations, building codes, and preservation of open space and the effectiveness of current regulatory and preventive standards and programs;**

ACTIVITY	STAFF ASSIGNMENT & SCHEDULE	FINANCING PLAN
<i><b>Flood Event</b></i>		
Skagit County and the Army Corps of Engineers (Corps) are conducting a Skagit River Feasibility Study to evaluate flood damage reduction alternatives for the Skagit River. The study includes topographic mapping of the floodplain, development of hydraulic and economic models for predicting potential flood damage, extensive public involvement, and development of alternatives for feasibility analyses. A key study finding is that the current dike protection system is inadequate to withstand large floods.	<b>Skagit County/Corps of Engineers - 2003</b>	No financial impact
As a member organization of the Skagit Emergency Management Council, La Conner will receive periodic situation reports from the Skagit County EOC during flood emergencies. These will include crucial information such as flood levels, forecasts, dike breaks, evacuation areas, road closures, etc.	<b>Skagit County Emergency Management – On-going</b>	No financial impact
In order to reduce flood losses, this chapter includes methods and provisions for: (1) Restricting or prohibiting uses which are dangerous to health, safety, and property due to water or erosion hazards, or which result in damaging increases in erosion or in flood heights or velocities. (2) Requiring that uses vulnerable to floods, including facilities, which serve such uses, be protected against flood damage at the time of initial construction. (3) Controlling the alteration of natural floodplains, stream channels, and natural	<b>La Conner Planning and Public Works Flood Management - 15.70.030</b> Methods of reducing flood losses. <b>On-going.</b>	No financial impact

<p>protective barriers, which help accommodate or channel flood waters.</p> <p>(4) Controlling filling, grading, and other development which may increase flood damage.</p> <p>(5) Preventing or regulating the construction of flood barriers which will unnaturally divert flood waters or may increase flood hazards in other areas.</p>		
<p>Stormwater Management - General Requirements.</p> <p>(1) Storm Water Management Manual Adopted. The latest edition, now or as hereafter amended, of the Washington State Department of Ecology's Storm Water Management Manual for the Puget Sound Basin (The Technical Manual) is hereby adopted by reference and is hereinafter referred to as the manual.</p> <p>(2) Storm Water Best Management Practices (BMPs). BMPs shall be used to control storm water quantity and quality. BMPs shall be used to comply with the standards in this code. BMPs are in the manual.</p> <p>(3) Illicit Discharges. Illicit discharges to storm water drainage systems are prohibited.</p>	<p><b>Public Works</b>– Administer Chapter 15.100.070 Stormwater Management <b>On-going</b></p>	<p>Funded by general tax revenues; new projects require grants or loan</p>

ACTIVITY	STAFF ASSIGNMENT & SCHEDULE	FINANCING PLAN
<b><i>Landslide, Earthquake</i></b>		
<p>The town shall require the implementation of recommendations in the hydro-geotechnical reports received for the proposal to mitigate identified impacts. Additionally, the town may require:</p> <p>(1) That the applicant provide an environmentally sensitive area protection easement.</p> <p>(2) The applicant's professional engineer be present on site during all clearing, grading, and filling activities.</p>	<p><b>Planning Department – Code Enforcement</b></p> <p>LCMC Chapter 15.65 Environmentally Sensitive And Critical Area Lands</p> <p>LCMC 15.65.160 Geologically hazardous areas.</p> <p><b>On-going.</b></p>	<p>None required.</p>

<p>(3) Trees and ground cover be retained and additional vegetation be added.</p> <p>(4) All structures be set back an appropriate distance from the top of a regulated slope.</p> <p>(5) All structures and excavations be set back from the toe of a slope the distance necessary to protect such structure from landslide hazard based upon hydro-geotechnical analysis.</p>		
<p>Coordinate with Skagit County through arrangements such as interlocal agreements, joint programs, consistent standards, or regional boards or committees.</p>	<p><b>Multi-jurisdictional All Natural Hazards Mitigation Planning project – 2003 first plan; Annual maintenance with five year update required</b></p>	<p>Initial development funded by State/Federal Grant.</p>
<p>Urban Level of Service Standards are established to ensure protection of public health, safety and welfare by meeting relevant standards</p>	<p><b>Updated by Town Council when Comprehensive Plan is amended</b></p>	<p>Funding provided on a project by project basis</p>

**2. The plan reviews property protection actions, such as acquisition, retrofitting, and insurance;**

<b>ACTIVITY</b>	<b>STAFF ASSIGNMENT &amp; SCHEDULE</b>	<b>FINANCING PLAN</b>
<b><i>Landslide</i></b>		
<p>Provide protection of steep slopes according to standards in the Critical Areas Ordinance.</p>	<p><b>Planning Department – individual project reviews</b> <b>On-going</b></p>	<p>General budget, grants, loans</p>
<b><i>Flooding</i></b>		
<p>Ring dike completion at the northeast boundary of the Town limits. Currently, this action is an emergency response to emanate flood warning.</p>	<p><b>Town Council – review for change in status</b> <b>Time Line: Short term</b></p>	<p>Grant funding</p>
<p>The town staff will continue to provide technical advice to property owners, contractors and design professionals.</p>	<p><b>Planning and Public Works</b> <b>On-going</b></p>	<p>Funding based on individual projects</p>
<p>Provide adequate emergency power for Town water system and for Fire Department;</p>	<p><b>Public Works – Annual update</b></p>	<p>None Required</p>

**3. The plan reviews activities to protect the natural and beneficial functions of the floodplain, such as wetlands protection;**

ACTIVITY	STAFF ASSIGNMENT & SCHEDULE	FINANCING PLAN
<i><b>Flooding</b></i>		
Protect and restore critical areas; plan for flood hazard mitigation, surface water management and pollution control, establishment and conservation areas and coordinate with adjoining jurisdictions.	<b>Planning and Public Works - Ongoing</b>	Combination of funding including town budget, grant funds, local fund raising
To protect and restore the shorelines to optimize water quality and habitat using best management practices and ensure that adjacent land use patterns are compatible with the protection and enhancement of the shorelines.	<b>Planning and Public Works – On-going</b> with individual dates for specific capital projects; schedule updated annually	Combination of funding including general budget, grant funds
<i><b>Flooding, Earthquake, Landslide, Fire, Severe Storms</b></i>		
Encourage the retention of open space and development of recreational opportunities, conserve fish and wildlife habitat, increase access to natural resource lands and water, and develop parks.	<b>Planning and Public Works –On-going</b>	Grant funds, fund raising

**4. The plan reviews emergency services activities, such as warning and sandbagging;**

ACTION	STAFF ASSIGNMENT & SCHEDULE	FINANCING PLAN
<b><i>Flooding, Earthquake, Volcano</i></b>		
The Town has an Flood Emergency Response Plan that includes flood warning, earthquake response, and evacuation program for the Town .	<b>Town Council and Planning – Annual review</b>	Funding integrated into overall budget
In the event of dike breaks at any point along the north and west banks of the Skagit River, transportation routes in and out of La Conner will be closed as floodwaters expand westward toward La Conner. The La Conner Flood Response Plan identifies evacuation routes and means.	<b>Town Council and Planning – Maintain</b>	None Required
Sandbagging operations, requests for sandbags or materials will be requested through the Sector C personnel or Skagit County EOC. La Conner requests should specify the number of sandbags, volume of sand, and delivery location (La Conner Public Works shops are likely locations).	<b>Public Works Department Time Line: Short term</b>	Funding integrated into overall budget
Maintain Fire, Water Treatment Critical Facilities up to date with most current technology and standards to ensure operation during hazard events.	<b>Town Council, Volunteer Fire Department and Water System– On-going</b>	Grant funds, loans, utility rate structure

**5. The plan reviews structural projects, such as reservoirs and channel modifications.**

ACTION	STAFF ASSIGNMENT AND SCHEDULE	FINANCING PLAN
<b><i>Flooding</i></b>		
Ring dike completion	<b>Town Council and Public Works. Time Line: 5-years</b>	Variety of funding sources including grant funds, federal, state and local funds
Continue improvements to the stormwater utilities system	<b>Town Council Projects are listed in the Town’s Capital Facilities Plan and is reviewed annually.</b>	Grant funds, Federal and State funds.
<b><i>All Hazards -</i></b>		
Six-year list of capital projects including	<b>Public Works and</b>	General Funds, Utility

specific actions targeted towards natural hazard mitigation.	<b>Planning</b> – Regular Update	Funds, grant funds, loans
Upgrade and maintain all community owned critical facilities, including Fire Station and Water System.	<b>Town Council –On-going</b>	General Funds, Utility Funds, Grant funds, loans

**6. The plan reviews public information activities, such as outreach projects and environmental education programs.**

<b>ACTION</b>	<b>STAFF ASSIGNMENT &amp; SCHEDULE</b>	<b>FINANCING PLAN</b>
<b><i>Flooding</i></b>		
Real estate agents, bankers and assessors received updated information on flood plain properties and flood management provisions.	<b>Planning Department</b> – annual mailing	None required
Provide on going public education at all levels, from the renter to the homeowner, regarding residential, commercial and industrial best management practice issues, flood hazard mitigation, water quality, and related local issues. Update annually.	<b>Planning Department – On-going</b>	Water and sewer utility
Provide FEMA flood map to public in response to inquiries.	<b>Planning Department</b>	None Required
<b><i>All Hazards</i></b>		
Expand the Public Information program to address other natural hazards where additional public information will be helpful, such as seismic retrofits for homes, and other topics. Hazards identified through Multi-jurisdictional planning process.	<b>Planning Department and Skagit County Building Department – On-going</b>	None Required