



COMPREHENSIVE FLOOD MANAGEMENT AND NATURAL HAZARDS MITIGATION PLAN ANNUAL PROGRESS REPORT

Updated April 2011

The City of Centralia participates in the Community Rating System program offered by the Federal Emergency Management Agency for communities located in the floodplain. Participation in the program has resulted in a 20% reduction in flood insurance premiums in the City. This is a brief report to the City Council, the Mayor and the local media on the progress made in implementing the City of Centralia's Comprehensive Flood Management and Natural Hazards Mitigation Plan since its adoption on December 9, 2008.

In January 2010, the City of Centralia adopted the Lewis County Multi-Jurisdictional Hazard Mitigation Plan (dated July 2, 2010) which dovetailed into the City's Comprehensive Flood management and Natural Hazards Mitigation Plan.

Elevation Certificate Program

Citywide certified elevation benchmark information is available in the Building Division, to help keep costs of hiring a licensed engineer to complete the Elevation Certificate to a minimum. Elevation certificates from new construction for the year and the pre-FIRM certificates that have been issued are submitted annually to the Federal Emergency Management Agency in an automated format.

Property owners need to carefully check into flood insurance rates. Anyone purchasing a home in the floodplain should get elevation certificate information early in the process and check out flood insurance requirements with a reliable insurance agency before buying. Some insurance premiums have gone up because crawl spaces over 2 feet below grade may be reclassified as a basement. You may also want to determine that the insurance agent has received training on flood insurance, verify that their map determination is accurate by checking with the city yourself, and make sure that there is a complete and accurate disclosure of your location on all documents.

People who do not have mortgages are faced with the choice of getting flood insurance; mortgage holders are required to have it. In either case, the Elevation Certificate is your document that spells out the condition of your building with respect to potential flood damage.

Map Determinations

Because parts of the City of Centralia are located in the 100-year floodplain, flood map determinations can be made on your project. Determinations can be requested by phone and in person. Map determinations consist of identifying all relevant flood information about a parcel of land, including existing elevation, relationship to the 100-year flood elevation and required elevation for new construction, which is two feet above the 100-year flood elevation for the first occupied floor.

There is an annual mailing to all property owners in the floodplain as well as real estate agents, lenders and insurance agents, completed each year in the fall, reminding those in the business that there are

resources available to them in the City, and of their obligation to disclose flood hazard information to their clients. Of particular importance is access to the Flood Maps and Elevation Certificate information.

The City maintains copies of all City and UGA FIRM maps, facilitating access to this public information. A log of general inquiries is kept, and every permit application is reviewed for consistency with FIRM map elevation information.

Flood Hazard Information and Public Outreach

Centralia has over 50% of its boundaries within the 100-year floodplain and it is one of the City's tasks to keep its citizens informed about the special conditions and responsibilities of living here. Each year, in the fall, the City mails out letters to all property owners living within the 100-year floodplain in hopes that people who don't have insurance or is not prepared will plan ahead for possible emergencies, building flood hazard protection into each home, and keeping an up-to-date emergency preparedness kit on hand.

The City has an Evacuation Plan in place, ready to implement for the flood season, if required. Copies are available at City Hall at 118 West Maple or on the City's website. With this information, family emergency preparedness plans can now include the route to evacuate, and plans can be made to set up a meeting location for household members not on site. The community is very aware of the serious flood hazard in Centralia, the need to keep an Emergency Preparedness Kit on hand and to keep the entire family up to date with a family emergency plan. Every member of the community has the opportunity to be prepared for an emergency.

It is through the public outreach tools that the public is made aware of progress on flood hazard mitigation projects, the elevation certificate program, the materials available in the library, and some of the natural and beneficial functions of floodplains.

Public disclosure at time of sale is the responsibility of Realtors

Local Realtors are very cooperative because of the significance of location in the floodplain in today's real estate transactions, particularly in light of the mandatory flood insurance requirement. State legislation on flood hazard disclosure is supported by the City. However, because of the issues that have been identified through research on specific properties, it is strongly recommended that the seller and the buyer also do their own research through the City. There appear to be communication gaps and this may prevent problems for purchasers in the future.

Flood Protection Information available in City Library

The local library has flood information and it includes the City's Natural Hazard Mitigation Plan that was formally approved in late December 2008, and many publications from the Federal Emergency Management Agency on a wide variety of flood hazard mitigation topics. A comprehensive supply of all FEMA and local documents is reflected in the Library collection, ranging from the original flood studies conducted to establish the FEMA mapping system to the most current data.

Technical Information is available at City Hall

The most current technical reference material is available to assist project proponents in developing the design details for flood proofing and structural and non-structural measures necessary to fully comply with the flood plain regulations. Technical information for flood hazard mitigation related to construction is necessary with every building permit and pre-application conference for projects located in Centralia.

Information on the best ways to flood-proof, how to handle mechanical equipment and ductwork, and many other topics is available. The latest technical bulletins on handling crawl spaces and basements and the current elevation certificate forms. The City of Centralia has adopted the 2006 International Codes for construction standards, as part of a statewide mandate.

Mapping features an automated data base and the Flood Evacuation Plan

The City's Geographic Information System (GIS) is continuing to expand and provide additional useful applications for individual parcels and the city as a whole. The City's GIS has aerials of the city boundaries and also topographic maps. We have major hazard levels as well as assessor's data, parcel layout, right of way and utilities. Parcel data includes elevation information in the database with more detail to assist property owners. Surveyed elevation benchmarks are located throughout Centralia and that information is available at the Community Development Department.

The City Comprehensive Flood Management and Natural Hazards Mitigation Plan

The Federal Disaster Mitigation Act of 2000 requires development of a Floodplain Management Plan to include all natural hazards. The City of Centralia adopted their Plan in December 2008.

The City is also working with Lewis County to update the multi-jurisdictional all natural hazard mitigation plan that was completed in 2004 and approved by the State Department of Emergency Management and the Federal Emergency Management Agency. This plan is a prerequisite for access to future Hazard Mitigation Grant funds that are critical to the area following a disaster.

The County Natural Hazard Mitigation Plan includes the Floodplain Management Plan and the Flood Emergency Plan. The Flood Emergency Plan is operational and is tested annually. The fall exercise to test the overall Flood Emergency Plan is scheduled for Emergency Preparedness Awareness Week.

Action Plan Evaluation

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan
<i>Flooding</i>		
The City shall participate in the Community Rating System to obtain the maximum possible reduction in Flood Insurance Rates from the Federal Emergency Management Agency.	2010 Report: On going with Annual Report and recertification process. Planning and Building:	Funding integrated into each department's budget
Restrict development in the 100 year floodplain that potentially increases flood hazard unless it complies with the Flood Hazard management plan, city zoning, building code and the critical areas ordinance	Completed May 2009 part of the Critical Areas Ordinance. Planning and Building: CMC 16.12. 2009 Critical Areas Ordinance; 2006 International Building Code	Funding integrated into each department's budget
Develop a sliding scale compensatory storage requirement in the 100-year floodplain.	Planning	No financial impact
Require new construction and substantial improvement of any commercial, industrial or residential structure shall either have the lowest floor, including basement, elevated two (2) feet or more above the level of the base flood elevation	Completed May 2009 part of the Critical Areas Ordinance. Planning	No financial impact
Develop a Zero Rise Floodplain Overlay where no fill will be permitted and where it reduces the amount of development; and where development activity must not reduce the effective storage volume of the floodplain	Completed May 2009 part of the Critical Areas Ordinance. Planning	No financial impact
Develop a requirement that newly created lots shall demonstrate that there is 5,000 square feet of buildable area located outside the zero-rise floodway and the FEMA floodway	Completed May 2009 part of the Critical Areas Ordinance. Planning	No financial impact

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan
The Floodway, the Special Flood Risk Zone and the 100 year Floodplain shall be regulated to protect human life, property and the public health and safety of the citizens of Centralia; minimize the expenditure of public money; and maintain the city's flood insurance eligibility while avoiding regulations which are unnecessarily restrictive or difficult to administer.	2010 Report: ongoing Completed May 2009 part of the Critical Areas Ordinance. Planning and Building: CMC 16.12: 2009 Critical Areas Ordinance	No financial impact
Manage stormwater runoff to improve drainage, control stormwater quantity, prevent localized flooding of streets and private property during high water table and rainy conditions, and protect and enhance water quality through Best Management Practices and Best Available Science as established by the Department of Ecology.	2010 Report: Ongoing Public Utilities: 2005 Western Washington Stormwater Manual by Department of Ecology (DOE)	Funded by stormwater fees attached to City utilities
Make investigations and corrective actions of problem storm drains. Develop a program for operation and maintenance of storm drains, detention systems, ditches and culverts.	2009 Report: On going Public Utilities:	Funded by stormwater fees attached to City utilities
Channel Migration Zone Mapping The project would likely include gathering existing channel migration data, prioritizing areas for mapping, creating channel migration maps, and then incorporating the maps into land use legislature.	2010 Report: On going Lewis County and City of Centralia, 5-years	Lewis County, State of Washington; possible request to City. Est. \$750,000
<i>Flood, Landslide, Earthquake</i>		
Utilize Best Available Science (BAS) to develop the Critical Areas Ordinance.	2010 Report: On going Completed May 2009 part of the Critical Areas Ordinance. Planning.	Funding integrated into department budget.
Coordinate with Lewis County through arrangements such as interlocal agreements, joint programs, consistent standards, or regional boards or committees.	2010 Report: On going Planning, Building, Public Utilities: All Natural Hazards Mitigation Planning 2008 with 5 yr updates	Funding integrated into department budget.
Public Utilities will implement stormwater utility including improved maintenance and operations, a rate structure and public education element.	2010 Report: On going Public Utilities.	Funded by stormwater fees attached to City utilities
<i>Earthquake, Severe Storm, Fire, Land Movement</i>		
Utilize the latest adopted building code to ensure adequate protection in construction against earthquakes in Seismic Zone 3, severe storms with Wind Exposure B, fire with Fire Resistive Construction Standards, and land movement with Grading Standards.	2010 Report: On going Planning and Building: 2006 International Building Code; 2008 Critical Areas Ordinance	No financial impact
Utilize the latest adopted fire code to ensure adequate protection against fire in construction with standards for fire flow and through the annual inspection of commercial structures.	2010 Report: On going Fire Authority: 2006 International Fire Code	No financial impact

II. THE PLAN REVIEWS PROPERTY PROTECTION ACTIONS SUCH AS ACQUISITION, RETROFITTING AND INSURANCE.

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan
<i>Flooding</i>		
Nonstructural solutions to flood hazards shall be encouraged including restricting development in flood-prone areas, storm water runoff management, up-stream watershed vegetation management.	2010 Report: On going Partially Completed in May 2009 as part of the Critical Areas Ordinance. Planning: Conservation easements and dedications of property designated as floodway required during land use processing.	No financial impact
Ensure that standards for flood control measures protect and enhance the biological systems and public access opportunities of the shoreline and adjacent uplands.	2010 Report: On going Planning and Building: CMC 16.12; 2008 Critical Areas Ordinance	Funding integrated into department budget
The Building Official will continue to require and maintain elevation certificates for permitted development within the floodplain. Elevation certificates are maintained by address and copies are sent annually to FEMA on disk.	2010 Report: On going Building	Funding integrated into department budget
The Community Development Director and the Building Official will continue to provide technical advice to property owners, contractors and design professionals.	2010 Report: On going Planning and Building	Funding integrated into department budget
<i>Earthquake, Severe Storm, Landslide</i>		
Provide Emergency generator capability for all pump stations; upgrade construction at all pump stations to latest seismic and wind standards.	2010 Report: On going Public Works	Utility Fund
Provide protection of steep slopes according to standards in the Critical Areas Ordinance and as generally identified in these policies.	Completed in May 2009 as part of the Critical Areas Ordinance. Planning, Building, Public Utilities.	Funding integrated into department budget

III. THE PLAN REVIEWS ACTIVITIES TO PROTECT THE NATURAL AND BENEFICIAL FUNCTIONS OF THE FLOODPLAIN, SUCH AS WETLANDS PROTECTION.

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan
<i>Flooding</i>		
Protect and restore critical areas; plan for flood hazard mitigation, surface water management and pollution control, establishment and maintenance of greenbelts and conservation areas and coordinate with adjoining jurisdictions.	2010 Report: On going Partially Completed in May 2009 as part of the Critical Areas Ordinance. Planning, Building, Public Utilities.	Funded by property owners during permitting process
Provide habitat for wildlife species, food fish, and freshwater fish in close proximity to an urban area.	Completed in May 2010 as part of the Critical Areas	Funding integrated into department budget

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan
	Ordinance. Planning.	
Protect and restore wetlands to optimize water quality, habitat, best management practices and ensure that adjacent land use patterns are compatible with the protection and enhancement of the wetlands and take advantage of the unique attributes of the site, and comply with the city's Critical Areas Ordinance.	Completed in May 2009 as part of the Critical Areas Ordinance. Planning.	Funding integrated into department budget
Allow limited use of the Chehalis River, Skookumchuck River, Scammon Creek, China Creek, Salzer Creek, Hayes Lake and Plummer Lake and the associate shorelines in a manner that is compatible with the dike system and the regulatory constraints of the floodway and Special Flood Risk Zone, including transportation, levee improvement, utilities and outfall structures, public access and recreation, open space and agriculture and similar uses.	2010 Report: On going Partially Completed in May 2009 as part of the Critical Areas Ordinance. Planning, Building, Public Utilities.	Funding integrated into department budget
Plan the stormwater management system to be consistent with policies regarding flooding, wetlands, land use and water quality.	2010 Report: On going Public Utilities: On going	Funding integrated into department budget
Apply best management practices to reduce pollutant loading and minimize the effects of contaminated sediments on the city's waterways.	2010 Report: On going Partially Completed in May 2009 as part of the Critical Areas Ordinance. Planning, Public Utilities, Building. NPDES II permits	Funding integrated into department budget
<i>Flooding, Earthquake, Landslide, Fire, Severe Storms</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. Integrate these concepts with natural functions such as drainage, agriculture and topographic features.	2010 Report: On going Partially Completed in May 2009 as part of the Critical Areas Ordinance. Planning, Public Utilities. NPDES II permits	Funding integrated into department budget

IV. THE PLAN REVIEWS EMERGENCY SERVICES ACTIVITIES SUCH AS WARNING AND SANDBAGGING.

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan
<i>Flooding, Earthquake, Volcano</i>		
Develop and maintain a specific flood warning and evacuation program for the City of Centralia.	2010 Report: On going with annual review City Emergency Plan Committee.	Funding integrated into department budget
The Transportation Plan is designed to ensure the continued ability of the transportation system to function at a reasonable level of service throughout the urban service area and coordinate the links to the regional transportation system.	2010 Report: On going City Engineer/Utilities.	Funding integrated into department budget

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan
Maintain the police, fire, wastewater treatment, water, sewer, and electrical facilities up-to-date with the most current technology and standards to ensure operation during hazard events.	2010 Report: On going City departments	Funding integrated into department budget
Annual maintenance of the Comprehensive Emergency Management Plan (CEMP) to ensure that all critical facilities including nursing homes, chemical storage facilities, schools, electric and telephone substations have a working emergency plan in place and that contacts are up-to-date.	2010 Report: On going City Emergency Plan Committee	Funding integrated into department budget
Write a Hazard Identification and Vulnerability Assessment (HIVA) that includes earthquakes, volcanoes, and severe storms as the major natural hazards. Fire is covered by the Fire Department and construction standards and landslides are covered by the grading policies and the Critical Areas Ordinance.	2010 Report: On going HIVA is in final draft form City Departments.	Funding integrated into department budget

V. THE PLAN REVIEWS STRUCTURAL PROJECTS SUCH AS RESERVOIRS AND CHANNEL MODIFICATIONS.

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan	Priority and Timeline
<i>All Hazards</i>			
The Six Year Transportation Plan and the transportation element of the annually updated City of Centralia Capital Facilities Plan shall be coordinated with the land use, utilities and other relevant plan elements to ensure a balanced program that is adequately funded and responsive to community interest.	2010 Report: On going with an annual review and update of project list. Public Works, Planning	General City Funds	<u>Priority:</u> High <u>Timeline:</u> Short term (1-3 years)
Upgrade all city owned critical facilities to ensure continued operations during identified hazard events.	2010 Report: On going. All City Departments.	General City Funds	<u>Priority:</u> Low (Long-term Improvement, Limited/No funding) <u>Timeline:</u> Mid Term (4-7 years)
<i>Flooding</i>			
China Creek Drainage Basin Plan During flood events, China Creek inundates commercial and residential areas of Centralia. A drainage basin plan may help alleviate flood impacts by providing the science to fully understand failure mechanisms and identify structural and non-structural actions expected to	2010 Report: On going. City and County is working with Army Corps and the Flood Authority. City of Centralia, Lewis County	\$550,000 Federal, State, Local, and grants, FCAAP	<u>Priority:</u> Low (Long-term Improvement, Limited/No funding) <u>Timeline:</u> Mid Term (4-7 years)

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan	Priority and Timeline
<p>minimize flooding impacts. The project would likely include gathering hydrologic and hydraulic data, modeling China Creek, soliciting community involvement, and developing preferred project alternatives (both structural and non-structural). Deliverables would include: calibrated hydrologic and hydraulic model, list of project alternatives and recommended actions, Draft and final basin plan, and 30 percent design plan sets for prioritized structural actions</p>			
<p>Regional Transportation Flood Alleviation Project Along I-5 in Lewis County Centralia supports transportation improvements in the I-5 corridor through Lewis County because previous flood events of the Skookumchuck and Chehalis Rivers closed I-5 between Chehalis and Centralia. Two projects have been proposed to prevent this intolerable closure in the future. The first project is federally proposed and is called the Centralia Flood Reduction Project (CFRP).</p>	<p>2010 Report: On going. City and County is working with Army Corps and the Flood Authority. State of Washington (WSDOT), Lewis County, City of Centralia</p>	<p>\$11,050,000; Funding Federal, State, County, Local, and grants, FCAAP</p>	<p><u>Priority:</u> High (Urgent), <u>Timeline:</u> Mid Term (4-7 years)</p>
<p>Regional Flood Detention Facilities Years of developing floodplain in the Chehalis-Centralia area have removed flood storage from the Chehalis and Skookumchuck River systems. Regional flood detention facilities could be developed. Regional facilities will replace displaced storage from existing development and provide additional mitigation storage for future floodplain development.</p>	<p>2010 Report: On going. City and County is working with Army Corps and the Flood Authority. Lewis County, City of Centralia</p>	<p>\$6,700,000; Funding Federal, State, County, Local, and grants, FCAAP</p>	<p><u>Priority:</u> Low (Long-term Improvement, Limited/No funding) <u>Timeline:</u> Mid Term (4-7 years)</p>
<p>Regional Stormwater Detention Facilities Increased urban development runoff is contributing to regional flooding in the Centralia-Chehalis area. Increased impermeable land from historic municipal improvements is increasing the amount of stormwater runoff. This flooding and increased</p>	<p>2010 Report: On going. City and County is working with Army Corps and the Flood Authority. Lewis County, City of Centralia</p>	<p>\$3,600,000; Funding Federal, State, County, Local, and grants, FCAAP</p>	<p><u>Priority:</u> Low (Long-term Improvement, Limited/No funding) <u>Timeline:</u> Long Term (8-10+ years)</p>

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan	Priority and Timeline
<p>impermeable land is consequently requiring developments to devote more developable land to stormwater treatment and disposal facilities. In order to combat these losses, regional stormwater detention facilities could be developed. Regional stormwater detention facilities will replace displaced system storage and offer development offsite mitigation opportunities. Benefits to this project include economies of scale, increased economic viability for development, and decreased peak flow during flood events.</p>			
<p>Salzer Creek Backwater Control Flooding in the Chehalis River has backwater effects on Salzer Creek and causes flooding to portions of Chehalis. The Army Corps of Engineers has proposed a project to evaluate the potential for creating a storage/pump system to allow for off-peak contribution of Salzer Creek runoff. Using a flood gate at the Chehalis River, flows would be stored and metered back to the river during flood recession. This proposed project could potentially benefit flood reduction efforts along the I-5 corridor between Chehalis and Centralia and should be reexamined for implementation.</p>	<p>2010 Report: On going. City and County is working with Army Corps and the Flood Authority.</p> <p>State of Washington, Lewis County, City of Centralia</p>	<p>\$6,100,000; Funding Federal, State, County, Local, and grants, FCAAP</p>	<p><u>Priority:</u> Low (Long-term Improvement, Limited/No funding) <u>Timeline:</u> Long Term (8-10+ years)</p>
<p>USACE Centralia Flood Reduction Project In 2007, the United States Congress passed the “Water Resources Development Act of 2007”, which authorized the Centralia Flood Reduction Project to proceed to preliminary engineering and construction. The project proposes to use the Skookumchuck Dam for additional flood storage and to construct levees in the Centralia-Chehalis area. Tasks would include: formulating a technical support team.</p>	<p>2010 Report: On going. City and County is working with Army Corps and the Flood Authority.</p> <p>Multi-jurisdictional, State of Washington, Lewis County, City of Centralia</p>	<p>\$400,000; Funding Federal, State, County, Local, and grants, FCAAP</p> <p>During the Washington legislative session in late 2007, a bonding capacity of \$50,000,000 was approved for the local sponsor’s share of engineering and construction costs.</p>	<p><u>Priority:</u> High (Urgent) <u>Timeline:</u> Short term (1-3 years)</p>
<p>USACE Centralia Flood Reduction Project</p>	<p>2010 Report: On going. City and</p>	<p>100+ million; Funding Federal,</p>	<p><u>Priority:</u> High (Urgent)</p>

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan	Priority and Timeline
Constructing levees along the Chehalis River in the City of Centralia	County is working with Army Corps and the Flood Authority. Multi-jurisdictional, State of Washington, Lewis County, City of Centralia	State, County, Local, and grants, FCAAP	<u>Timeline:</u> Short term (1-3 years)
Port of Centralia/City of Centralia Partnership Project Constructing additional flood storage and fish/wildlife habitat along the Chehalis River (Galvin Road)	2010 Report: Completed as part of OPUS project. On going for north side of Galvin Road Partnership with Port of Centralia and City of Centralia and other governmental agencies, State of Washington	Funding Federal, State, County, Local, and grants, FCAAP	<u>Priority:</u> High (Urgent) <u>Timeline:</u> Short term (1-3 years) or Mid Term (4-7 years)
Priority and Timeline: <u>Priority:</u> High (Urgent), Medium (Moderate), Low (Long-term Improvement, Limited/No funding) <u>Timeline:</u> Short term (1-3 years), Mid Term (4-7 years), Long Term (8-10+ years)			

VI. THE PLAN REVIEWS PUBLIC INFORMATION ACTIVITIES SUCH AS OUTREACH PROJECTS AND ENVIRONMENTAL EDUCATION PROGRAMS.

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan
<i>Flooding</i>		
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.	2010 Report: On going. Planning, Building.	Funding integrated into department budget
The City shall provide on going public education about flooding and shall adopt a flood hazard reduction plan, consistent and compatible with any countywide efforts and plans. Outreach efforts shall include but are not limited to: community newsletter, special targeted mailings to realtors, insurance agents and lenders, training sessions at neighborhood meetings, the public library, and any other means identified.	2010 Report: On going. Planning, Building.	Funding integrated into department budget
Provide on going public education aimed at residents, businesses, and industries in the urban area to inform citizens about stormwater and its effects on water quality, flooding, fish/wildlife habitat and to discourage dumping of waste material or pollutants into storm drains.	2010 Report: On going. Planning, Building, Public Works.	Funding integrated into department budget
The Community Development Department and Building Official will continue to make flood map determinations in response to public inquiry.	2010 Report: On going. Planning, Building.	Funding integrated into department budget

Activity	Evaluation, Staff Assignment & Schedule	Financing Plan
The Community Development Department will maintain the Flood Protection Library and add updated materials.	2010 Report: On going. Planning, CDD.	Funding integrated into department budget
Maintain updated maps and continue to work on automated base maps and overlays, leading to a planning level geographic information system. Continue data collection and data entry as new information and data sources become accessible.	2010 Report: On going. Planning, Building Division:	Funding integrated into department budget
Use improved citizen involvement and public education to establish a solid work program for improving maintenance of the stormwater system.	2010 Report: On going. All City Departments.	Funding integrated into department budget
All Hazards		
Expand the Public Information program to address other natural hazards where additional public information will be helpful, such as seismic retrofits for homes, how to make your home firewise and other hazard related topics.	2010 Report: On going with Annual Reports. Planning, Building Division	Funding integrated into department budget

Conclusion

Plan(s) means little if it is not implemented. To be successful, the plan(s) must be implemented by the combined efforts of individuals, neighborhoods, civic groups, and local government. Many of the plans' goals and policies reflect this shared responsibility.

The City understands that it has the primary responsibility to implement the Comprehensive Floodplain Management Plan and Natural Hazards Mitigation Plan as well as the newly adopted Multi-Jurisdictional Plan. The City's understands that its two main implementation activities are regulating and managing development, and funding improvements.

Funding for the plan(s) implementation is integrated in the City's overall Capital Facilities Plan and in the individual budgets of each participating department. It is an integral part of the City's work program and separate funding is not necessary. Today, diverse responsibilities are managed by each responsible department.

The City must create and/or update regulations to ensure that new and existing developments are consistent with the community's values and goals as expressed in these Plan(s). These regulations include floodplain management requirements, zoning, subdivision, building, environmental codes, stormwater regulations, and design review guidelines and standards.

The City will continue to strive to accomplish the goals set within these Plan(s) to protect the health, safety, and welfare of the residents that call Centralia home.