

**RESOLUTION NO. 14-187
CITY OF LIBERTY LAKE
SPOKANE COUNTY WASHINGTON**

**A RESOLUTION AUTHORIZING THE ADOPTION OF THE
SPOKANE COUNTY HAZARD MITIGATION PLAN UPDATE**

WHEREAS, all of Spokane County has exposure to natural hazards that increase the risk to life, property, environment and the County's economy; and

WHEREAS; pro-active mitigation of known hazards before a disaster event can reduce or eliminate long-term risk to life and property; and

WHEREAS, The Disaster Mitigation Act of 2000 (Public Law 106-390) established new requirements for pre- and post-disaster hazard mitigation programs; and

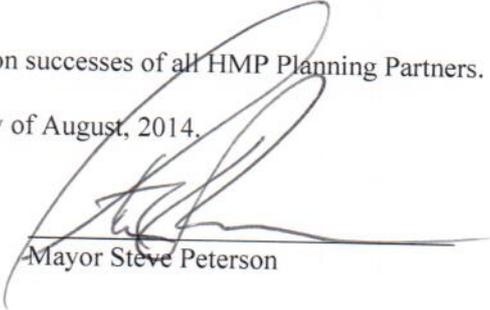
WHEREAS; a coalition of Spokane County, Cities, Towns and Special Purpose Districts with like planning objectives has been formed to pool resources and create consistent mitigation strategies within the Spokane County planning area; and

WHEREAS, the coalition has completed a planning process that engages the public, assesses the risk and vulnerability to the impacts of natural hazards, develops a mitigation strategy consistent with a set of uniform goals and objectives, and creates a plan for implementing, evaluating and revising this strategy;

NOW, THEREFORE, BE IT RESOLVED that the City of Liberty Lake

- 1.) Adopts in its entirety, Volume I and the introduction, Chapter 6 the City of Liberty Lake jurisdictional annex, and the appendices of Volume II of the Spokane County Hazard Mitigation Plan Update (HMP).
- 2.) Will use the adopted and approved portions of the HMP to guide pre- and post-disaster mitigation of the hazards identified.
- 3.) Will coordinate the strategies identified in the HMP with other planning programs and mechanisms under its jurisdictional authority.
- 4.) Will continue its support of the Steering Committee and continue to participate in the Planning Partnership as described by the HMP.
- 5.) Will help to promote and support the mitigation successes of all HMP Planning Partners.

Passed by the City Council this 5th day of August, 2014.

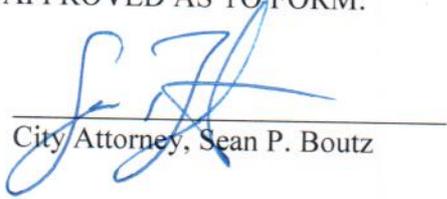


Mayor Steve Peterson

ATTEST:


Ann Swenson, City Clerk

APPROVED AS TO FORM:


City Attorney, Sean P. Boutz

CHAPTER 6.

CITY OF LIBERTY LAKE ANNEX

6.1 HAZARD MITIGATION PLAN POINT OF CONTACT

Primary Point of Contact

Brian K. Asmus, Chief of Police
23127 E. Mission
Liberty Lake, WA 99019
Telephone: 509-755-1140
e-mail Address: basmus@libertylakewa.gov

Alternate Point of Contact

Darin Morgan, Patrol Sergeant
23127 E. Mission
Liberty Lake, WA 99019
Telephone: 509-755-1140
e-mail Address: dmorgan@libertylakewa.gov

6.2 JURISDICTION PROFILE

The following is a summary of key information about the jurisdiction and its history:

- **Date of Incorporation**—August 31, 2001
- **Current Population**—8,190 as of September 30, 2013
- **Population Growth**—7.43 percent average growth rate per year from 2003 to 2013.
- **Location and Description**—Located in Spokane County along the I-90 corridor 17 miles east of Spokane and 2 miles west of the Idaho/Washington State line. Liberty Lake is approximately 6 square miles. The city borders the City of Spokane Valley on the west, the Spokane River on the north and Liberty Lake on the south.
- **Brief History:**
 - The Liberty Lake area was inhabited by Native Americans long before white settlers came into the area.
 - Due to the Homestead Act of 1862, many people decided to settle in the area to be privy to one-quarter square mile of government land, provided they grow crops and work to improve the land.
 - Liberty Lake was named after a Frenchman named Stephen Liberty who homesteaded on the west side of the lake.
 - Liberty Lake was once known as “Spokane’s Inland Seashore,” with natural beauty and attractions like boating, entertainment, dancing, and Fourth of July celebrations. Many were originally brought to the area by electric train.
 - In the 1970s, the former Carlson Hill became known as Holiday Hill, which is located on the west side of the city. Holiday Hill and the surrounding area was used for camping, skiing, ice skating, motocross racing, and youth sports camps. A ski lodge and restaurant were also located at Holiday Hill.
 - Also in the 1970s, housing opportunities increased north of Sprague Avenue.
 - The early 1990s saw a boom in housing development with the creation of Homestead and Meadowwood, as well as commercial and industrial development.

- The annual Liberty Lake 4th of July celebration continues with music and dancing at Pavilion Park and fireworks over the lake.
- Upon incorporation on August 31st, 2001, the City was home to three golf courses and over 4,000 residents.
- **Climate**—Liberty Lake has a moderate climate. Average minimum temperature in January is 18.1°F; average minimum temperature in July is 56.5°F. Average precipitation in January is 4.52 inches; in July it is 0.04 inches.
- **Governing Body Format**—Non-charter code city with a strong mayor and seven city council members. The city has an appointed city administrator that is responsible for the day-to-day operations.
- **Development Trends**—The City of Liberty Lake has experienced moderate growth in both commercial and residential development. Multi-family housing has increased significantly and continues to be an area where developers express interest. There has been recent expansion in the area of an assisted living facility. Residential and commercial development continues to see moderate and steady growth.

6.3 JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 6-1 lists all past occurrences of natural hazards within the jurisdiction. Repetitive flood loss records are as follows:

- Number of FEMA-Identified Repetitive Loss Properties: 0
- Number of FEMA-Identified Severe Repetitive Loss Properties: 0
- Number of Repetitive Flood Loss/Severe Repetitive Loss Properties That Have Been Mitigated: 0

6.4 CAPABILITY ASSESSMENT

The assessment of the jurisdiction's legal and regulatory capabilities is presented in Table 6-2. Information on the community's National Flood Insurance Program (NFIP) compliance is presented in Table 6-3. The assessment of the jurisdiction's administrative and technical capabilities is presented in Table 6-4. The assessment of the jurisdiction's fiscal capabilities is presented in Table 6-5. Classifications under various community mitigation programs are presented in Table 6-6.

6.5 HAZARD RISK RANKING

Table 6-7 presents the ranking of the hazards of concern.

6.6 HAZARD MITIGATION ACTION PLAN AND EVALUATION OF RECOMMENDED INITIATIVES

Table 6-8 lists the initiatives that make up the jurisdiction's hazard mitigation plan. Table 6-9 identifies the priority for each initiative. Table 6-10 summarizes the mitigation initiatives by hazard of concern and the six mitigation types.

6.7 HAZARD AREA EXTENT AND LOCATION

Hazard area extent and location maps are included at the end of this chapter. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes.

**TABLE 6-1.
NATURAL HAZARD EVENTS**

Type of Event	FEMA Disaster # (if applicable)	Date	Preliminary Damage Assessment
Earthquake	N/A	04/29/1965	Information not available
Earthquake	N/A	06/25/2001	Information not available
Earthquake	N/A.	11/11/2001	Information not available
Winter Storm	FEMA 1825 DR	12/08-01/09	\$12,932.61

**TABLE 6-2.
LEGAL AND REGULATORY CAPABILITY**

	Local Authority	State or Federal Prohibitions	Other Jurisdictional Authority	State Mandated	Comments
Codes, Ordinances & Requirements					
Building Code	Yes	No	No	Yes	LLMC, Title 9 adopts IBC suite per Chapter 51-50 WAC, 6/18/2013
Zonings	Yes	No	No	No	LLMC, Title 10
Subdivisions	Yes	No	No	Yes	LLMC, Title 10
Stormwater Management	Yes	No	No	No	LLMC, Title 8, Chapter 4, 4/15/2003
Post Disaster Recovery	No	No	No	No	
Real Estate Disclosure	No	No	Yes	Yes	RCW 64.06
Growth Management	No	No	Yes	Yes	
Site Plan Review	Yes	No	No	Yes	Requirement of IBC
Public Health and Safety	Yes	No	No	No	
Environmental Protection	Yes	Yes			
Planning Documents					
General or Comprehensive Plan	Yes	No	No	Yes	City of Liberty Lake Comprehensive Plan 2003-2022
	<i>Is the plan equipped to provide linkage to this mitigation plan? Yes</i>				
Floodplain or Basin Plan	No	No	No	No	
Stormwater Plan	Yes	No	No	No	
Capital Improvement Plan	Yes	No	No	No	
	<i>What types of capital facilities does the plan address?</i> Water, Sewer, Stormwater, Parks & Open Space, Law Enforcement, Municipal Facilities, Public Schools, Transportation, Fire Service				
	<i>How often is the plan revised/updated?</i> 5-year CIP, updated annually				
Habitat Conservation Plan	No	No	No	No	

TABLE 6-2. LEGAL AND REGULATORY CAPABILITY					
	Local Authority	State or Federal Prohibitions	Other Jurisdictional Authority	State Mandated	Comments
Economic Development Plan	Yes	No	No	No	Economic development component to Comprehensive Plan
Shoreline Management Plan	Yes	No	No	Yes	
Community Wildfire Protection Plan	No	No	Yes	No	2013 CWPP Update
Response/Recovery Planning					
Comprehensive Emergency Management Plan	Yes	No	No	No	Spokane County DEM
Threat and Hazard Identification and Risk Assessment	No	No	Yes	No	Spokane County DEM
Terrorism Plan	No	No	Yes	No	Spokane County DEM
Post-Disaster Recovery Plan	No	No	No	No	
Continuity of Operations Plan	Yes	No	No	No	
Public Health Plans	No	No	No	No	

TABLE 6-3. NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE	
Note: Liberty Lake does not have mapped special flood hazard areas and does not participate in the NIP	
What department is responsible for floodplain management in your community?	None
Who is your community's floodplain administrator? (department/position)	None
Do you have any certified floodplain managers on staff in your community?	No
What is the date of adoption of your flood damage prevention ordinance?	N/A
When was the most recent Community Assistance Visit or Community Assistance Contact?	Unknown
To the best of your knowledge, does your community have any outstanding NFIP compliance violations that need to be addressed? If so, please state what they are.	Unknown
Do your flood hazard maps adequately address the flood risk within your community? (If no, please state why)	Yes
Does your floodplain management staff need any assistance or training to support its floodplain management program? If so, what type of assistance/training is needed?	N/A
Does your community participate in the Community Rating System (CRS)? If so, is your community seeking to improve its CRS Classification? If not, is your community interested in joining the CRS program?	Unknown

**TABLE 6-4.
ADMINISTRATIVE AND TECHNICAL CAPABILITY**

Staff/Personnel Resources	Available?	Department/Agency/Position
Planners or engineers with knowledge of land development and land management practices	Yes	Administration/City Hall/Engineer
Engineers or professionals trained in building or infrastructure construction practices	Yes	Planning and Building Services/Building Inspector
Planners or engineers with an understanding of natural hazards	Yes	Administration/City Hall/City Engineer
Staff with training in benefit/cost analysis	Yes	Administration/City Hall/City Administrator
Surveyors	Yes	Contracted through Spokane County Engineers
Personnel skilled or trained in GIS applications	Yes	Planning and Building/Senior Planner
Scientist familiar with natural hazards in local area	Yes	Spokane County/DEM/Director
Emergency manager	Yes	Spokane County/DEM/Director
Grant writers	Yes	Police and Admin/Chief of Police

**TABLE 6-5.
FISCAL CAPABILITY**

Financial Resources	Accessible or Eligible to Use?
Community Development Block Grants	Yes
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	Yes
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	Yes
Incur Debt through Private Activity Bonds	No
Withhold Public Expenditures in Hazard-Prone Areas	No
State Sponsored Grant Programs	Yes
Development Impact Fees for Homebuyers or Developers	Yes
Other	FEMA sponsored grant funding

**TABLE 6-6.
COMMUNITY CLASSIFICATIONS**

	Participating?	Classification	Date Classified
Community Rating System	No	—	—
Building Code Effectiveness Grading Schedule	No	99	—
Public Protection	Yes	3	—
Storm Ready	Yes	Blue	2003
Firewise	No	—	—

**TABLE 6-7.
HAZARD RISK RANKING**

Rank	Hazard Type	Risk Rating Score (Probability x Impact)
1	Severe Weather	54
2	Earthquake	34
3	Wildfire	33
4	Landslide	18
5	Flood	18
6	Volcano	12
7	Drought	6

**TABLE 6-8.
HAZARD MITIGATION ACTION PLAN MATRIX**

Applies to new or existing assets	Hazards Mitigated	Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Timeline
Initiative LL-1 —Jurisdiction application and acceptance into NFIP.						
New and Existing	Flood	4, 6	Planning	Low	Local	Short term
Initiative LL-2 —Re-establish recognitions for the City of Liberty Lake under the Building Code Effectiveness Grading Schedule administered by the Washington Survey and Rating Bureau.						
New	All Hazards	2, 4, 12	Building	Low	Local	Short term
Initiative LL-3 —Structural seismic retrofit of Harvard Road Bridge Overpass.						
Existing	Earthquake	1, 2, 9, 10	City Admin	\$5 million, High	Transportation Improvement Board, Capital Improvement Plan, grants, FEMA, Mitigation Funds	Short term

**TABLE 6-8.
HAZARD MITIGATION ACTION PLAN MATRIX**

Applies to new or existing assets	Hazards Mitigated	Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Timeline
Initiative LL-4 —Place vulnerable utilities underground that are vulnerable to severe weather.						
Existing	Severe Weather	1, 2, 3, 10	Local utility service providers	\$1 million, High	General fund, cost share with utility, grant funding	Short term
Initiative LL-5 —Trimming/removal of hazardous trees that can cause damage to life or property during storms.						
New and Existing	Severe Storm	2, 3, 10	Planning	\$75,000, Medium	General fund, cost share with utility, grant funding	Short term
Initiative LL-6 —Support countywide initiatives that promote education of the public of natural hazards within the region.						
New and Existing	All Hazards	1, 3, 4, 8	City Admin	Low	Local	Ongoing
Initiative LL-7 —Continue to coordinate with Spokane County DEM in disaster response and preparedness to include updates to CEMP, hazard mitigation plan, training, exercises and other support.						
New and existing	All Hazards	1, 3, 4, 8	City Admin	Low	Local	Ongoing
Initiative LL-8 —Actively participate in the plan maintenance strategy identified in this plan.						
New and Existing	All Hazards	1, 4, 8	DEM, City of Liberty Lake	Low	Local	Short term
Initiative LL-9 —Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.						
Existing	All Hazards	2, 10, 11	City of Liberty Lake	High	FEMA Grant funding/ Local contributions	Long term
Initiative LL-10 —Integrate the hazard mitigation plan into other plans, ordinances or programs to dictate land uses within the jurisdiction.						
New and Existing	All Hazards	2, 3, 4, 5, 11	Planning and Building Services	Low	Local	Short term
Initiative LL-11 —Implement wildfire mitigation recommendations identified in the Spokane County CWPP.						
New and Existing	Wildfire	1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12	Spokane Conservation District, all County Fire Districts	Medium	Local, Fire Grants, FEMA Hazard Mitigation Grants	Short term

**TABLE 6-8.
HAZARD MITIGATION ACTION PLAN MATRIX**

Applies to new or existing assets	Hazards Mitigated	Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Timeline
Initiative LL-12 —Continue to maintain and/or enhance the City’s capability to enforce its codes and regulations that result in decreased risk exposure of new development.						
New and Existing	All Hazards	4, 5, 11	Planning and Building Services	Low	Local	Short-term, Ongoing
Initiative LL-13 —Consider, where appropriate, the adoption of higher regulatory standards that will result in an increase in the community resilience of new development.						
New	All Hazards	4, 5, 11	Planning and Building Services	Low	Local	Long-term
Initiative LL-14 —Continue to support the countywide initiatives identified in this plan.						
New and Existing	All Hazards	1, 3, 4, 8	DEM	Low	Local	Ongoing

**TABLE 6-9.
MITIGATION STRATEGY PRIORITY SCHEDULE**

Initiative #	# of Objectives Met	Benefits	Costs	Do Benefits Equal or Exceed Costs?	Is Project Grant-Eligible?	Can Project Be Funded Under Existing Programs/ Budgets?	Priority ^a
LL-1	2	High	Low	Yes	No	Yes	High
LL-2	3	High	Low	Yes	No	Yes	High
LL-3	4	High	High	No	Yes	No	Medium
LL-4	4	Medium	High	No	Yes	No	Medium
LL-5	3	High	Low	Yes	No	Yes	Medium
LL-6	4	High	Low	Yes	Yes	Yes	Medium
LL-7	4	High	Low	Yes	No	Yes	Medium
LL-8	3	Low	Low	Yes	Yes	Yes	High
LL-9	3	High	High	Yes	Yes	No	Medium
LL-10	5	Medium	Low	Yes	No	Yes	High
LL-11	10	High	Low	Yes	Yes	Yes	High
LL-12	3	Medium	Low	Yes	No	Yes	High
LL-13	3	Medium	Low	Yes	No	No	Medium
LL-14	4	Medium	Low	Yes	No	Yes	High

a. See Chapter 1 for explanation of priorities.

**TABLE 6-10.
ANALYSIS OF MITIGATION INITIATIVES**

Hazard Type	Initiative Addressing Hazard, by Mitigation Type ^a					
	1. Prevention	2. Property Protection	3. Public Education and Awareness	4. Natural Resource Protection	5. Emergency Services	6. Structural Projects
Drought	2, 6, 8, 10, 12, 13, 14	9	6, 14		6, 7, 14	
Earthquake	2, 6, 8, 10, 12, 13, 14	3, 9	6, 14		6, 7, 14	3
Flood	1, 2, 6, 8, 10, 12, 13, 14	1, 9	1, 6, 14	1	6, 7, 14	
Landslide	2, 6, 8, 10, 12, 13, 14	9	6, 14		6, 7, 14	
Severe Weather	2, 5, 6, 8, 10, 12, 13, 14	4, 9	6, 14	5	6, 7, 14	
Volcano	2, 6, 8, 10, 12, 13, 14	9	6, 14		6, 7, 14	
Wildfire	2, 6, 8, 10, 11, 12, 13, 14	9, 11	6, 11, 14	11	6, 7, 11, 14	11

a. See Chapter 1 for explanation of mitigation types.

CERTIFICATION

I, the undersigned City Clerk of the City of Liberty Lake, of Spokane County, Washington, HEREBY CERTIFY that the foregoing Resolution is a full, true and correct copy of Resolution No. 14-187 duly adopted at a regular meeting of the City Council of said City, duly and regularly held at the regular meeting placed thereof on August 5, 2014 of which meeting all members of said City Council had due notice and at which a majority thereof were present; and that at said meeting said Resolution was adopted by the following vote: unanimous, 5-0.

AYES, and in favor thereof: Mayor Pro Tem Kaminkas and Council Members: Moore, Brickner, Dunne, and Langford.

NAYS: None.

ABSENT: Council Members Kopelson and Severs.

ASTAINED: None.

CITY OF LIBERTY LAKE



CITY CLERK