Chapter 12.
Kittitas School District #403 Annex

12.1. HAZARD MITIGATION PLAN POINT OF CONTACT

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12.2. JURISDICTION PROFILE

The Kittitas School District was formed in 1907. The Kittitas School District has two schools on two campuses serving approximately 650 students with 85 employees. The District has a K-5 elementary school and a 6-12 secondary school. The Kittitas School District is operated with local, state, and federal funds, administered by a board of directors and superintendent. The Board will assume the responsibility for adoption and implementation of this plan. The following is a summary of key information about the jurisdiction:

- **Population Served**—Per the 2010 Census, the Kittitas School District has a population of 3,673 with 1,530 households.

- **Land Area Served**—603 square miles

- **Value of Area Served**—The estimated value of the area served by the jurisdiction is $76,261,530.

- **Land Area Owned**—68 acres.

- **List of Critical Infrastructure/Equipment Owned by the Jurisdiction:**

  - 10 School Buses $590,000

  - 5 Pickups/Cars/Vans $66,000

  - Equipment $2,327,046

- **Total Value of Critical Infrastructure/Equipment**—The total value of critical infrastructure and equipment owned by the jurisdiction is $2,983,046.

- **List of Critical Facilities Owned by the Jurisdiction:**

  - Primary Elementary $1,888,801

  - Intermediate Elementary $4,300,941

  - Portable Classroom $99,232

  - Bus Shop $142,580

  - Old High School $2,386,173

  - Old High School Gym $1,155,000

  - Old High School Annex $471,911

   –   Green House $45,901

   –   Secondary Building/Grounds $15,435,000

– **Total Value of Critical Facilities**—The total value of critical facilities owned by the jurisdiction is $25,923,539

– **Current and Anticipated Service Trends**—the Kittitas School District continues to experience an increase in enrollment. The current head count is 630 students. Ten years ago, the enrollment was 522. The District has the most affordable housing in the Kittitas Valley and has attracted people who want to relocate from major population centers to purchase land.

12.3. JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 12-1 lists all past occurrences of natural hazards within the jurisdiction.

12.4. HAZARD RISK RANKING

Table 12-2 presents the ranking of the hazards of concern. The jurisdiction is most at risk from earthquakes and severe storms. The area has moderate risk from flooding, wildfire, and dam failure. There is low risk from all other hazards.

12.5. APPLICABLE REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this hazard mitigation plan:

– Kittitas School District #403-Emergency Response Plan

12.6. CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The jurisdiction's classifications under various hazard mitigation programs are presented in Table 12-3.

12.7. HAZARD MITIGATION ACTION PLAN AND EVALUATION OF RECOMMENDED INITIATIVES

Table 12-4 lists the initiatives that make up the jurisdiction's hazard mitigation plan. Table 12-5 identifies the priority for each initiative. Table 12-6 summarizes the mitigation initiatives by hazard of concern and the six mitigation types.

Table 12-1. Natural Hazard Events

Type of Event	Date	Preliminary Damage Assessment
Landslide	10/11/2009	No Estimates Available
Flooding	1/9/2009	No Estimates Available
Avalanche	1/7/2009	No Estimates Available
Wind	1/29/2007	No Estimates Available
Wind	1/7/2007	No Estimates Available
Winter Weather	12/15/2006	No Estimates Available
Wind	6/21/2005	No Estimates Available
Flooding	5/4/2005	No Estimates Available
Wind	3/29/2005	No Estimates Available
Winter Weather	1/18/2005	No Estimates Available
Wildfire	7/26/2004	No Estimates Available
Wildfire	7/2/2004	No Estimates Available
Flooding	5/20/2004	No Estimates Available
Wind	4/27/2004	No Estimates Available
Avalanche	12/13/2003	No Estimates Available

Table 12-2. Hazard Risk Ranking

Rank	Hazard Type	Risk Rating Score (Probability x Impact)
1	Earthquake	54
2	Severe Weather	48
3	Flood	*42*
4	Dam Failure	18
4	Wildfire	18
5	Volcano	6
6	Drought	0
6	Landslide	0
6	Avalanche	0
6	Seiche	0

Table 12-3. Community Classifications

	Participating?	Classification	Date Classified
Public Protection	No	—	—
Storm Ready	No	—	—
Firewise	No	—	—

Table 12-4. Hazard Mitigation Action Plan Matrix

Applies to new or existing assets	Hazards Mitigated	Objectives Met	Lead Agency	Estimated Cost	Sources of Funding	Timeline
KSD #1—Remove football field light poles at former school. The poles have structurally weakened over time.						
Existing	Earthquake	1,4,9	District	$14,750, Medium	District Funds, HMGP	Short Term
KSD # 2—Natural hazard event preparedness to run buildings during an outage and cut off from help.						
Existing	All Hazards	1,9,10	District	Medium	Capital/grant	Short term
KSD #3—Develop a continuity of operations plan that looks at sustaining operations following disasters.						
New and Existing	All Hazards	1, 9, 10	District	Medium	District Funds, DHS Grant funding	Long-term, depends on funding
KSD #4—Partner with other local governments in educating citizens and students on the potential consequences of natural hazards and how to prepare and respond to their impacts.						
New and Existing	All Hazards	2, 8, 9	District	Low	District General Fund	Short-term
KSD #5—Continue to support through active participation the countywide initiatives identified in Volume 1 of the Kittitas County Hazard Mitigation Plan.						
New and Existing	All Hazards	All	District	Low	District Funds	Short-term ongoing
KSD #6—Continue to support the implementation, monitoring, maintenance, and updating of this plan, as defined in Volume 1.						
New and Existing	All Hazards	All	District	Low	District Funds, HMGP for 5-year update	Short-term ongoing

Table 12-5. 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*
1	3	High	Medium	Yes	No	No	Medium
2	3	High	Medium	Yes	Yes	Yes	High
3	3	High	Low	Yes	Yes	No	Medium
4	3	Low	Low	Yes	Yes	Yes	High
5	10	Medium	Low	Yes	No	Yes	High
6	10	Medium	Low	Yes	Yes	Yes	High

* See Section 1.3 for definitions of high, medium and low priorities.

Table 12-6. Analysis of Mitigation Initiatives: Initiative Addressing Hazard, by Mitigation Type

Hazard Type	1. Prevention	2. Property Protection	3. Public Education and Awareness	4. Natural Resource Protection	5. Emergency Services	6. Structural Projects
Avalanche	—	—	—	—	—	—
Dam Failure	3, 5, 6		4, 5, 6		2, 3, 5	
Drought	—	—	—	—	—	—
Earthquake	3, 5, 6	1	4, 5, 6		2, 3, 5	
Flood	3, 5, 6		4, 5, 6		2, 3, 5	
Landslide	—	—	—	—	—	—
Severe Weather	3, 5, 6		4, 5, 6		2, 3, 5	
Seiche	—	—	—	—	—	—
Volcano	3, 5, 6		4, 5, 6		2, 3, 5	
Wildfire	3, 5, 6		4, 5, 6		2, 3, 5	

1. Prevention: Government, administrative or regulatory actions that influence the way land and buildings are developed to reduce hazard losses. Includes planning and zoning, floodplain laws, capital improvement programs, open space preservation, and stormwater management regulations.
2. Property Protection: Modification of buildings or structures to protect them from a hazard or removal of structures from a hazard area. Includes acquisition, elevation, relocation, structural retrofit, storm shutters, and shatter-resistant glass.
3. Public Education and Awareness: Actions to inform citizens and elected officials about hazards and ways to mitigate them. Includes outreach projects, real estate disclosure, hazard information centers, and school-age and adult education.
4. Natural Resource Protection: Actions that minimize hazard loss and preserve or restore the functions of natural systems. Includes sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.
5. Emergency Services: Actions that protect people and property during and immediately after a hazard event. Includes warning systems, emergency response services, and the protection of essential facilities.
6. Structural Projects: Actions that involve the construction of structures to reduce the impact of a hazard. Includes dams, setback levees, floodwalls, retaining walls, and safe rooms.