

KOOTENAI COUNTY  
OFFICE OF EMERGENCY MANAGEMENT



# 2026 KOOTENAI COUNTY MULTI-JURISDICTIONAL ALL HAZARD MITIGATION PLAN

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1662 W Wyoming Ave., Hayden, ID 83835



**VOLUME 2**  
PLANNING PARTNER ANNEXES

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## INTRODUCTION

The Federal Emergency Management Agency (FEMA) encourages multi-jurisdictional planning for hazard mitigation. Such planning efforts require all participating jurisdictions to fully participate in the process and formally adopt the resulting planning document. Chapter 44 of the Code of Federal Regulations (44 CFR) states:

“Multi-jurisdictional plans (e.g. watershed plans) may be accepted, as appropriate, as long as each jurisdiction has participated in the process and has officially adopted the Plan.” (§201.6(a)(4)).

In the preparation of the Kootenai County Multi-Jurisdictional All Hazard Mitigation Plan, a Planning Partnership was formed to leverage resources and to meet requirements of the federal Disaster Mitigation Act of 2000 (DMA) for as many eligible local governments in Kootenai County as possible. The DMA defines a local government as follows:

“Any county, municipality, city, town, township, public authority, school district, special district, intrastate district, council of governments (regardless of whether the council of governments is incorporated as a nonprofit corporation under State law), regional or interstate government entity, or agency or instrumentality of a local government; any Indian tribe or authorized tribal organization, or Alaska Native village or organization; and any rural community, unincorporated town or village, or other public entity.”

There are two types of Planning Partners in this process, with distinct needs and capabilities:

- Incorporated municipalities (cities and the County)
- Special-purpose districts.

## LINKAGE PROCEDURE

Eligible local jurisdictions that did not participate in development of this Hazard Mitigation Plan update may comply with DMA requirements by linking to this Plan following the procedures outlined in Appendix 2-C.

## ANNEX-PREPARATION PROCESS

### Worksheets

Worksheets were created to help the Planning Partners prepare their jurisdiction-specific annexes. The worksheets were created so that all criteria of 44 CFR §201.6 would be met, based on the partners’ capabilities and mode of operation. Each partner was asked to participate in a technical assistance workshop during which key elements of the worksheet were explained to a designated point of contact for each partner and a member of the planning team. The worksheets were set up to lead each partner through a series of steps that would generate the DMA-required elements that are specific for each partner. The worksheets and their instructions can be found in Appendix 2-B to this volume of the Hazard Mitigation Plan Update.

## PRIORITIZATION

44 CFR subsection 201.c.3.iii requires actions identified in the action plan to be prioritized. The planning team followed a methodology for prioritizing the action plans that meets the needs of the partnership and the requirements of 44 CFR. The actions were prioritized according to the following criteria:

**High Priority:** Project meets multiple plan objectives, benefits exceed cost, funding is secured under existing programs, or is grant eligible, and project can be completed in 1 to 5 years (i.e., short term project) once funded.

**Medium Priority:** Project meets at least 1 plan objective, benefits exceed costs, requires special funding authorization under existing programs, grant eligibility is questionable, and project can be completed in 1 to 5 years once funded.

**Low Priority:** Project will mitigate the risk of a hazard, benefits exceed costs, funding has not been secured, project is not grant eligible, and the timeline for completion is long term (5 to 10 years).

These priority definitions are dynamic and can change from one category to another based on changes to a parameter such as availability of funding. For example, a project might be assigned a medium priority because of the uncertainty of a funding source but be changed to high once a funding source has been identified. The prioritization schedule for this Plan will be reviewed and updated as needed annually through the Plan maintenance strategy.

While the preference is to provide definitive project completion dates, this is not possible for every mitigation strategy/action. Therefore, the parameters, as prefaced above, for the timeline are as follows:

- Short Term = to be completed in 1 to 5 years
- Long Term = to be completed in greater than 5 years
- Ongoing = currently being funded and implemented under existing programs, and/or is seeking funding and necessary approvals.

## BENEFIT/COST REVIEW

44 CFR requires the prioritization of the action plan to emphasize a benefit/cost analysis of the proposed actions. A review of the apparent benefits versus the apparent cost of each project was performed. Parameters were established for assigning subjective ratings (high, medium, and low) to costs and benefits as follows:

### Cost ratings:

**High:** Existing funding levels are not adequate to cover the costs of the proposed action; implementation would require an increase in revenue through an alternative source (for example, bonds, grants, and fee increases).

**Medium:** The action could be implemented with existing funding but would require a re- apportionment of the budget or a budget amendment, or the cost of the action would have to be spread over multiple years.

**Low:** The action could be funded under the existing budget. The action is part of or can be part of an existing, ongoing program.

### Benefit ratings:

**High:** The action will have an immediate impact on the reduction of risk exposure to life and property.

**Medium:** The action will have a long-term impact on the reduction of risk exposure to life and property or will provide an immediate reduction in the risk exposure to property.

**Low:** Long-term benefits of the action are difficult to quantify in the short term.

Using this approach, projects with positive benefit versus cost ratios (such as high over high, high over medium, medium over low, etc.) are considered cost-beneficial and are prioritized accordingly.

It should be noted that for many of the strategies identified in this action plan, funding might be sought under FEMA’s HMGP or PDM programs. Both of these programs require detailed benefit/cost analysis as part of the application process. These analyses will be performed on projects at the time of application preparation. The FEMA benefit-cost model will be used to perform this review. For projects not seeking financial assistance from grant programs that require this sort of analysis, the Partners reserve the right to define “benefits” according to parameters that meet their needs and the goals and objectives of this plan.

### **COMPATIBILITY WITH PREVIOUS HAZARD PLAN**

Of the 33 committed planning partners, 32 were covered by the previous version of this Hazard Mitigation Plan and 1 new special-purpose district was added. The updated Annex for each of those jurisdictions included in this Volume identifies the status of that jurisdiction’s previously developed hazard mitigation actions.

### **FINAL COVERAGE UNDER THE PLAN**

Of the 33 committed planning partners, all are covered in the 2026 Hazard Mitigation Plan Update. All 33 partners attended at least one workshop and submitted completed templates. For multi-jurisdictional plans, each jurisdiction requesting approval must document that it has been formally adopted. Copies of the resolutions adopting this Plan for all planning partners, along with documentation of FEMA approval of the Plan, can be found in Appendix 2-D of this Volume of the Plan.

**It should be noted that although there are mitigation actions categorized under the Unincorporated Kootenai County Annex, the majority of these actions serve to benefit all planning partners, as appropriate and applicable.**

<b>PLANNING PARTNER STATUS</b>			
<b>JURISDICTION</b>	<b>ATTENDED WORKSHOP?</b>	<b>COMPLETED ANNEX?</b>	<b>COVERED BY THIS PLAN?</b>
Unincorporated Kootenai County	YES	YES	YES
City of Athol	YES	YES	YES
City of Coeur d'Alene	YES	YES	YES
City of Dalton Gardens	YES	YES	YES
City of Fernan Lake Village	YES	YES	YES
City of Harrison	YES	YES	YES
City of Hauser	YES	YES	YES
City of Hayden	YES	YES	YES
City of Hayden Lake	YES	YES	YES
City of Post Falls	YES	YES	YES
City of Rathdrum	YES	YES	YES
City of Spirit Lake	YES	YES	YES
City of Worley	NO	NO	NO
East Side Fire Protection District	YES	YES	YES
Hauser Lake Fire Protection District	YES	YES	YES
Kootenai County Emergency Medical Services System	YES	YES	YES
Kootenai County Fire and Rescue	YES	YES	YES
Mica Kidd Island Fire Protection District	YES	YES	YES
Northern Lakes Fire District	YES	YES	YES
Silver Valley Fire Rescue	YES	YES	YES
Spirit Lake Fire Protection District	YES	YES	YES
St. Maries Fire Protection District	YES	YES	YES
Timberlake Fire Protection District	YES	YES	YES
Worley Fire Protection District	YES	YES	YES
Coeur d'Alene Public Schools (SD 271)	YES	YES	YES
Kootenai School District (SD 274)	YES	YES	YES
Lakeland Joint School District (SD 272)	YES	YES	YES
Post Falls School District (SD 273)	YES	YES	YES
East Side Highway District	YES	YES	YES
Lakes Highway District	YES	YES	YES
Post Falls Highway District	YES	YES	YES
Worley Highway District	YES	YES	YES
Kootenai Health	YES	YES	YES
Panhandle Health District	YES	YES	YES

## PART 4: JURISDICTIONAL HAZARD ANNEXES



## MUNICIPALITIES



## CHAPTER 23

# UNINCORPORATED KOOTENAI COUNTY ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Unincorporated Kootenai County. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

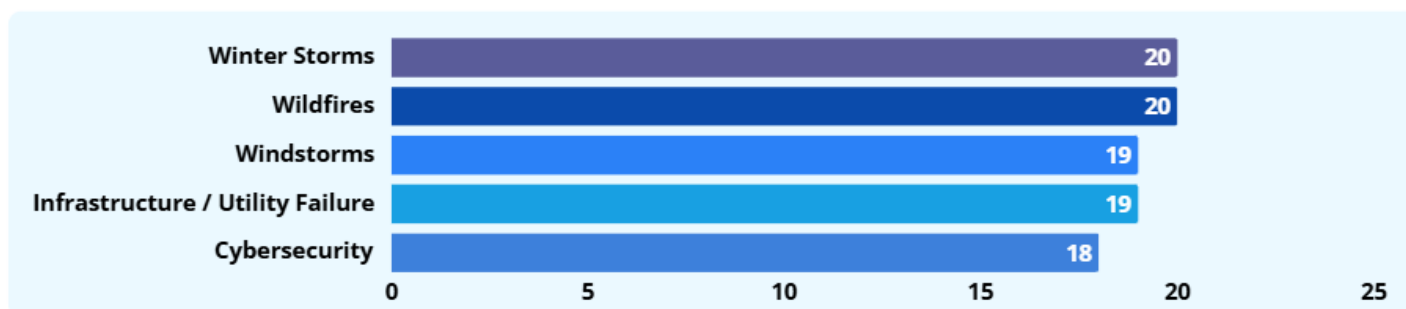


Figure 23-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 23-1
CURRENT POPULATION	DATE OF INCORPORATION	POPULATION GROWTH
47,296 (2023 U.S. Census estimate)	1864	Increased by approximately 8.0 percent since 2018 (U.S. Census estimate)

CRITICAL FACILITIES								TABLE 23-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
1	0	2	0	4	0	0	8	15

CRITICAL INFRASTRUCTURE						TABLE 23-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL	
2	389	1	0	6	398	

## OVERVIEW

Kootenai County is surrounded by mountains and eighteen (18) lakes with 56 miles of navigable water, and nearly 250,000 acres of Nation Forest Land. The County has a total area of approximately 1,316 square miles, of which 1,244 square miles is land and 71 square miles is water.

Located in the Northern Idaho Panhandle, it borders Bonner County to the north, Shoshone County to the east, Benewah County to the south, and Spokane County (Washington) to the west. There are fourteen (14) incorporated cities in the County and many unincorporated communities.

The land surface of Kootenai County consists primarily of forested, mountainous or hilly terrain that has comparatively narrow valleys opening to the west. Elevations vary from a low of 2,040 feet above sea level at the Washington-Idaho state line to mountain peaks in the southeastern sector of the county which surpass elevations of 6,000 feet.

Kootenai County is one of the largest boating communities in the State of Idaho with nearly 20,000 registered boaters and just over 44,000 navigable acres for boaters to enjoy. Lake Coeur d'Alene covers approximately 33,000 acres, is over 25 miles long, and has approximately 125 miles of shoreline.

The Coeur d'Alene River flows through a broad flood plain from east to west across the southeastern part of the County into Lake Coeur d'Alene. The lake's outlet is the Spokane River, which flows west into Spokane County, Washington.

Kootenai County has approximately 245,000 acres of federal timberland in the Coeur d'Alene National Forest. Remaining timberlands in the county are owned by private citizen tree farmers, timber companies, the State of Idaho, and other government entities.

The County is approximately 109 miles from the Canadian border, 35 miles from Spokane, Washington—and 335 miles from Seattle. The County is a recreational destination for an unprecedented number of individuals from across the Country.

## BRIEF HISTORY

The history of the County is equally as important as the cultural treasures it now is entrusted to protect. Kootenai County, as currently configured, contains a significant portion of the center of the Coeur d'Alene Tribal Homeland as well as the primary east-west trail system for interior Salishan peoples traveling in both directions through the Bitterroot Mountains to the Great Plains and, ultimately, the Yellowstone area. The original inhabitants called themselves the Schitsu'umsh ("the ones who were discovered here") and were traditionally made up of three generally recognized bands, each of which was associated with a particular winter village region. The Coeur d'Alene Lake band comprised some sixteen villages consisting of families located on Hayden Lake, at the current cities of Coeur d'Alene and Post Falls, along the Spokane River near Green Acres, and on the shores of Liberty Lake. The Coeur d'Alene River band dwelled in at least 11 Lake Coeur d'Alene villages located along the Coeur d'Alene River, including sites near what would become the city of Harrison and the Cataldo Mission. The St. Joe River band made up the third grouping and inhabited at least six villages along the lower St. Joe River and at the site of what became St. Maries, with another village in the upper reaches of Hangman Creek. The larger winter villages usually comprised around 300 individuals. Each of the bands were made up of interrelated families who would typically winter in their band's general area, though families may not have wintered in the same village from year to year. During spring, summer, and fall, the families dispersed to their favored resource areas throughout the

Homeland and beyond for hunting, fishing, gathering, and ceremonial activities. The aboriginal landscape of the Schitsu'umsh encompassed much of what would become the Panhandle region of Idaho, extending into parts of eastern Washington and western Montana. Lake Pend Orielle marked the northern boundary, with the country beyond the home of the Kalispel and Pend Orielle peoples. With mountain passes up to 5,200 feet in elevation, the Bitterroot Range of Montana marked the easterly area of the Schitsu'umsh. The western reaches of the Schitsu'umsh landscape began just east of Spokane Falls (Plante's Ferry) along the Spokane River, extending south along the Hangman (Latah) and Pine creek drainages. The heart of the Schitsu'umsh landscape was Lake Coeur d'Alene. Its waters sprang from the slopes of the Bitterroot and Clearwater Mountains, gathered into the Coeur d'Alene and St. Joe rivers, fed into the lake itself, and then drained into the Spokane and eventually Columbia rivers. It was a landscape of nearly 5 million acres of white pine, fir, ponderosa, and cedar forested mountains, as well as freshwater rivers, lakes, marshlands, and rolling hills and prairies covered with perennial bunchgrass and fescues.

The Lewis and Clark expedition through central Idaho in 1805 was the first recorded exploration by people of European descent. By 1809 David Thompson established the Kullyspell House trading post on Lake Pend Oreille. The hunters, trappers, traders, and Iroquois guides who frequented the Kullyspell trading post reported that there were places in the far north and the east where people were teaching Christianity. In 1740, years before Lewis and Clark's arrival, Coeur d'Alene tribal leader Circling Raven had a vision and prophesied the coming of the Black Robes (priests). In 1842, Circling Raven's prophecy was fulfilled when Father DeSmet arrived. The first Jesuit mission was founded in near St. Maries and then moved a short time later to its present Cataldo location. The Mission of the Sacred Heart (Cataldo Mission), located on the Coeur d'Alene River, was completed in 1853 and is the oldest standing building in Idaho today. Shortly after the Cataldo Mission was established, the military arrived. Between 1858 and 1862 the Mullan Military Road was built, connecting Fort Benton, Montana, and Fort Walla Walla, Washington. Camp Coeur d'Alene (later changed to Fort Sherman) was established in 1878 at the point where Lake Coeur d'Alene flows into the Spokane River. The purpose of the Fort was to keep the Mullan Road open (built between 1858 and 1862 and connecting Fort Benton, Montana and Fort Walla Walla, Washington) and to keep peace between settlers and Native Americans. When the Fort was abandoned in 1901 there were 52 buildings, including a sawmill, hospital, blacksmith shop, carpentry shop, and chapel. The chapel, powder magazine, and one officer's quarters remain standing. A community developed around the Fort, but it was not until the discovery of gold in 1883-1884 on Prichard Creek, on the North Fork of the Coeur d'Alene River, that many settlers arrived. Mining activity created an economic basis for future developments in timber, transportation, and trade in Kootenai, Benewah, and Shoshone Counties. The lasting wealth was not in gold but in lead, silver, and zinc, all of which required a large capital investment to process and mine. In 1883 the Northern Pacific Transcontinental Railroad crossed North Idaho. Rathdrum developed as an agricultural center and supply point for the mining district and remained a railhead until 1886, when D.C. Corbin built a spur line from the Northern Pacific mainline, at Hauser Junction, connecting to Coeur d'Alene. From Coeur d'Alene, passengers traveled by steamboat up the Coeur d'Alene River to the Cataldo Mission, where they boarded the narrow-gauge railroad that carried them to the mining districts.

1889 marked the beginning of the steamboat era on Lake Coeur d'Alene when troops at Camp Coeur d'Alene built and launched the Amelia Wheaton. By the turn of the century the Inland Empire Railroad electric line train made several trips a day from downtown Spokane to Coeur d'Alene, where passengers boarded such steamers as the Boneta, Flyer, Georgie Oakes, Spokane, Colfax, and Idaho for St. Joe City, Harrison, and St. Maries. Sunday excursions on the shadowy St. Joe River were popular as were other recreational activities associated with the many lakes Amelia Wheaton (UW Libraries, Special Collections Division, TRA0331) and rivers of the area. After

1900, large lumber companies discovered the region's great stands of white pine. The waterways provided cheap and effective transportation for the logs. In the spring, logs were floated down swollen streams and rivers into sorting gaps on the lake and then on to the sawmills. Harrison, St. Maries, Rose Lake, Spirit Lake, Twin Lakes, Post Falls, and Coeur d'Alene each boasted a large milling industry. By the mid-1920s the lumber industry began to slow down and many of the smaller mill towns disappeared. World War II saw improvement in the lumber industry; but the days of accessible timber and cheap transportation were over. The 1970s saw surges in growth and development in Kootenai County. In the early 1980s an economic decline affected both the forestry and mining economies. Today the county's economy is more diversified and has seen much growth and prosperity.

### GOVERNING BODY FORMAT

The Board of County Commissioners is the governing body of Kootenai County. Consisting of three elected officials, the Board serves as the taxing authority, the contracting body and the chief administrators of public funds. Among other duties, the Board enacts laws, ensure compliance of laws and secures professional services for the county. The Board of County Commissioners assumes responsibility for the adoption of this Plan; the Office of Emergency Management will oversee its implementation.

### DEVELOPMENT TRENDS

Since 2010, development in Kootenai County has nearly correlated with nationwide trends in the housing market. As can be seen in the figure below, the Community Development Department has issued increasing amounts of permits each year since 2011. Beginning in 2013, around the time the housing market rebounded, development increased significantly. Due to the Covid pandemic in 2020 and 2021, the County experienced unprecedented growth. However, since then development has begun to normalize. Geographically, residential development has generally been clustered around the waterfronts of the County's lakes and rivers. However, significant development has occurred between Highway 41 and Highway 95 north of Hayden. Several new subdivisions west of Bayview have contributed much of the increase in development. It is expected that these trends will continue and that as the lakes and rivers become increasingly more developed, future development will be focused in rural areas in the northern portion of the county.

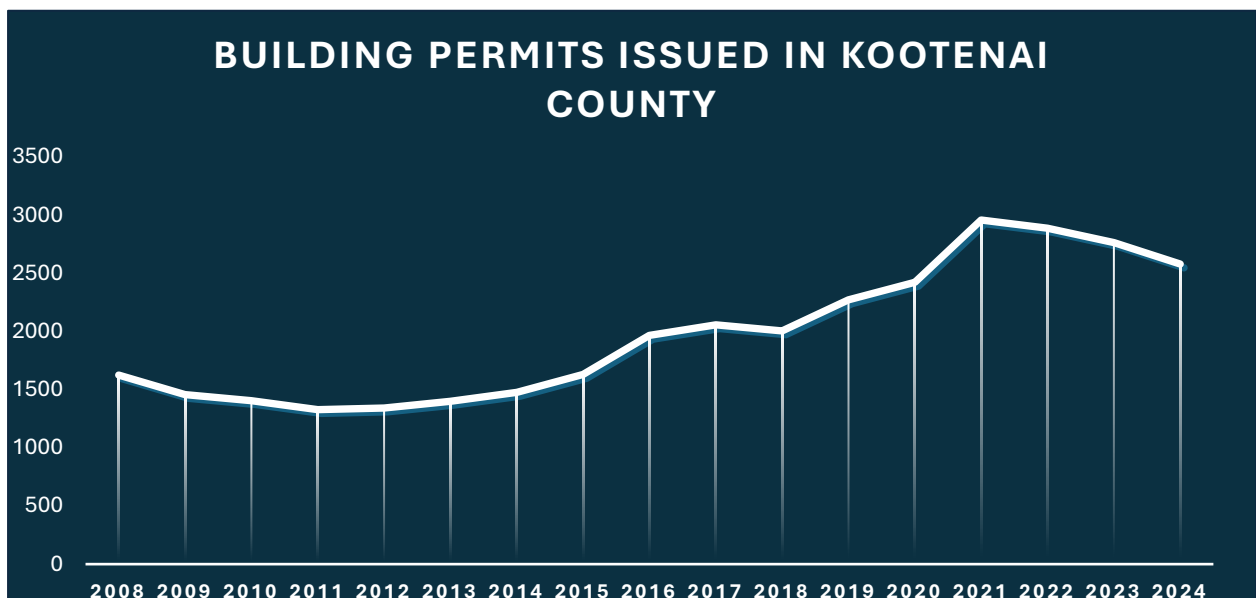


Figure 23-2 Development Trends

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 23-4. An assessment of fiscal capabilities is presented in Table 23-5. An assessment of administrative and technical capabilities is presented in Table 23-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 23-7. Classifications under various community mitigation programs are presented in Table 23-8.

LEGAL AND REGULATORY CAPABILITY		TABLE 23-4
CODES, ORDINANCES, & REQUIREMENTS	COMMENTS:	LOCAL AUTHORITY?
Building Code	County Code, Title 7, Ordinance #608 (1/25/2025)	YES
Zoning Code	County Code, Title 8, Ordinance #493 (6/9/2016)	YES
Subdivisions		
Stormwater Management		
Post-Disaster Recovery	None	
Real Estate Disclosure	None	
Growth Management	None	
Site Plan Review	Is covered by Title 8 Land Use and Development Code. Ordinance #493, as amended	YES
Public Health and Safety	County Code, Title 4 and Title 5, and 2018 Kootenai County Comprehensive Emergency Operations Plan	YES
Environmental Protection	County Code, Title 4, Chapter 3, and County Code, Title 8, Ordinance #493. See also, Solid Waste Dept. Policy 105	YES
PLANNING DOCUMENTS	COMMENTS:	LOCAL AUTHORITY?
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	2024 Kootenai County Emergency Operations Plan	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>  <i>How often is the plan updated?</i>	County, KC EMSS, Highway Districts, Fire Protection Districts.  10 years Kootenai County Comprehensive Plan. Capital Improvements & Impact Fees Chapter 17 Adopted 12/30/2010	YES
Floodplain or Basin Plan	County Code, Title 8, Ordinance #493	YES
Stormwater Plan	County code, Title 8, Ordinance #493	YES
Habitat Conservation Plan	None	NO
Economic Development Plan	None – Cities do have one	NO
Shoreline Management Plan	Title 8 Land Use and Development Code, Ordinance 493 adopted 6/9/2016, as amended	YES
Community Wildfire Protection Plan	Updated 2026	YES

**LEGAL AND REGULATORY CAPABILITY****TABLE 23-4**

<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan	2024 Kootenai County Emergency Operations Plan	YES
Threat & Hazard Identification & Risk Assessment		NO
Terrorism Plan	Is an Incident Annex in the 2024 Emergency Operations Plan	YES
Post-Disaster Recovery Plan	Is an Incident Annex in the 2024 Emergency Operations Plan	YES
Continuity of Operations Plan	2024 Kootenai County COOP / COG Plan	YES
Public Health Plan		YES

**FISCAL CAPABILITY****TABLE 23-5**

<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	YES
<i>Capital Improvements Project Funding</i>	NO
<i>Authority to Levy Taxes for Specific Purposes</i>	YES
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	NO
<i>Incur Debt through General Obligation Bonds</i>	NO
<i>Incur Debt through Special Tax Bonds</i>	YES
<i>Incur Debt through Private Activity Bonds</i>	NO
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	NO
<i>State-Sponsored Grant Programs</i>	YES
<i>Development Impact Fees for Homebuyers or Developers</i>	NO
<i>Other</i>	-

**ADMINISTRATIVE AND TECHNICAL CAPABILITY****TABLE 23-6**

<b>STAFF/PERSONNEL RESOURCES</b>	<b>AVAILABLE?</b>	<b>DEPARTMENT/AGENCY/POSITION</b>
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Community Development
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Building Inspection, Building Inspector / Plan Review Analyst and Certified Building Official
<i>Planners or engineers with an understanding of natural hazards</i>	YES	Community Development Director and Planning Staff
<i>Staff with training in benefit/cost analysis</i>	NO	
<i>Surveyors</i>	YES	Surveyor Department
<i>Personnel skilled or trained in GIS applications</i>	YES	GIS & Mapping Department
<i>Scientist familiar with natural hazards in local area</i>	NO	
<i>Emergency manager</i>	YES	Office of Emergency Management
<i>Grant writers</i>	YES	Contracted out

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE	TABLE 23-7
<i>What local department is responsible for floodplain management?</i>	Community Development
<i>Who is your floodplain administrator? (department/position)</i>	Community Development: Director
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	YES
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	10/3/2019
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	11/15/16
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i> – <i>If so, please state what they are.</i>	YES One structure needs flood venting installed in crawlspace
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i> – <i>If no, please state why.</i>	YES N/A
<i>Does your floodplain management staff need any assistance or training to support its floodplain management program?</i> – <i>If so, what type of assistance/training is needed?</i>	YES Yes, in order to maintain to certification for CRS and ongoing certifications
<i>Does your jurisdiction participate in the Community Rating System (CRS)?</i> – <i>If so, is your jurisdiction seeking to improve its CRS Classification?</i> – <i>If not, is your jurisdiction interested in joining the CRS program?</i>	YES – Class 7 YES N/A

COMMUNITY CLASSIFICATIONS	TABLE 23-8		
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
<i>Community Rating System</i>	YES	7	Entered CRS 10/01/1992
<i>Building Code Effectiveness Grading Schedule</i>	NO	N/A	N/A
<i>Public Protection - Fire Insurance Rating</i>	YES		
<i>Storm Ready</i>			
<i>Firewise</i>	YES	3/8/9	

### JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 23-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

## NATURAL HAZARD EVENTS

TABLE 23-9

TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
Flood	DR-55	4/21/1956	-
Flood	DR-76	5/27/1957	-
Wildfires	DR-105	7/22/1960	-
Flood	DR-116	6/26/1961	-
Flood	DR-120	2/14/1962	-
Flood	DR-143	2/14/1963	-
Heavy rains & flooding	DR-186	12/31/1964	-
Forest fires	DR-231	8/30/1967	-
Severe storms, snowmelt & flooding	DR-415	1/25/1974	-
Volcanic eruption, Mt. St. Helens	DR-624	5/22/1980	-
Severe storms and flooding	DR-1102	2/6/1996	-
Severe storms, flooding, mud, and landslides	DR-1154	11/16/1996	-
Severe storms, snowmelt, land/mud slides, flooding	DR-1177	3/14/1997	-
Idaho Hurricane Katrina Evacuation	EM-3244	8/29/2005	-
Flooding	DR-1781	5/15/2008	-
Idaho Cape Horn Fire	FM-5088	7/6/2015	-
Idaho Severe Storm and Straight-line Winds	DR-4246	11/17/2015	-
Idaho Severe Winter Storms	DR-4252	12/16/2015	-
Idaho Severe Storms, Flooding, Landslides, and Mudslides	DR-4313	3/6/2017	-
Idaho Covid-19 Pandemic	DR-4534	1/20/2020	-
Windstorm	DR-4589	01/12/2021	-
2023 Fire Season	2023-70	08/2023	-
Flooding	2025-31	03/15/2025	-

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas:

**General:** Extreme fatalities from any hazard event would overwhelm the system, as there is no autopsy/ forensic lab in the County. There is also a need to identify aging and access/functional needs populations, as they can be disproportionately impacted by a wide range of hazards. In addition, generators need to be installed at critical facilities to ensure back-up power during power outages potentially caused by a wide variety of hazards. It should also be noted that damage to the Solid Waste Department's buildings or equipment from many hazards could cause air quality concerns, including surface emissions issues with landfill gas. Similarly, several hazards could impact regional transportation abilities.

A general concern expressed by the public regards the elderly with fixed income who may not be able to financially withstand the impact of disasters, especially people with no immediate family support structure.

**Drought:** The public has expressed a desire for the County to further develop back-up plans for both irrigation and domestic water.

**Extreme Temperatures:** Power failures during instances of extreme temperatures could disproportionately impact the aging population and overwhelm the system.

**Thunderstorm:** There is a need to increase the emergency debris and material storage and handling capability at the Solid Waste Department.

**Tornadoes and High Winds:** Access to calls for service is a big challenge that may be faced during tornado or high wind events.

**Riverine Flooding:** There is a risk of advance warning not getting to property owners in Harbor Island in time. Extreme fatalities would overwhelm the system, as there is no autopsy/forensic lab in the County.

**Earthquake:** There may be a couple hundred people in the Administration building at once. It should be noted that the building is over thirty years old. As previously mentioned, there is a need to increase the emergency debris and material storage and handling capability at the Solid Waste Department.

**Volcano/Ash Fall:** A big concern during a volcano/ash fall event is personal protective equipment for first responders and the ability to drive around the County and handle calls, as vehicle maintenance may be difficult. This would also impact regional transportation networks.

**Wildfire:** Wildfire can damage or destroy electrical power lines. Winds can also cause trees to fall into lines and spark fires. Conversion to underground lines where feasible is preferred. Wildfire could also overtake other critical facilities located in rural areas of Kootenai County. Particular areas of concern include Spirit Lake East Subdivision, Farragut State Park and Bayview Community, the eastern side of Hayden Lake, and the western side of Lake Coeur d'Alene. The public is also concerned that the smoke generated from wildfires can affect air quality and breathing throughout the County.

**Structural Fire:** There could be over twenty-five people on the third floor of the BOCC.

**Severe Winter Storm:** Snow loads on the roofs of critical facilities could cause communication disruptions. The public has also expressed a concern about the electric disruptions that severe winter storms can cause.

**Avalanche:** During an avalanche there may be loss of access to remote communication sites to complete critical facility repairs.

**Pandemic:** A pandemic or public health emergency could cause panic or unrest throughout the county, particularly within the jail system. Within the jail specifically, more negative air flow cells are needed. The public has also expressed a need for education regarding the importance of having enough food stored for at least two weeks of survival in quarantine.

**Invasive Species:** Invasive species can damage vegetation, causing an increased risk for wildfires. Members of the public expressed concern specifically about the algae bloom on the lakes (Fernan).

**Cyberattack:** Utilities rely on SCADA to monitor and control critical utility infrastructure. Installing fiber to the substation such that this equipment can be segregated on its own network and that communications path is fast and reliable is important. All systems used by 911 and public safety communications are potentially exposed to a cyberattack.

**Active Shooter and Terrorism:** Radio jamming could occur at any critical facility, but the 911 center may become a specific target of a physical attack. Local agencies are prepared to deal with an active shooter event but need to continue training and exercising their skills. The public is also concerned about churches within the community potentially becoming targets as well.

**Civil Disorder/Riot:** To avoid overcrowding within the County jail system, there is a need for MOU's to establish alternative housing sites and supply sources.

**Utility/Power Failure:** A power failure would have wide-reaching impacts, including making households more susceptible to hazards (ex. extreme cold), but also impacting regional transportation systems which rely on electronic access to data to locate passengers. In addition, electrical back-feeds and contingent paths of power are limited in the rural parts of the County. The public has indicated that lack of power is a key reason for not evacuating or planning. Mitigating this through distribution automation and additional paths of power are potential remedies.

**Infrastructure Failure:** Harbor Island only has one way in and out. If a bridge failure were to occur, access would be severely restricted. There are also concerns about potential train derailments within the county. The Solid Waste Department's landfill leachate pumps and gas systems are also not operating properly.

**Hazardous Materials and Pipeline Failure:** The public has expressed concern that the pipelines and rail lines running through the County may cause certain locations to be at a higher risk of a hazardous materials incident.

## COMMUNITY CHALLENGES

- Population Increase
- Strain on Systems Due to Growth
- Outdated Systems and Infrastructure
- Demand for Increased Services

**HAZARD RISK RANKING**

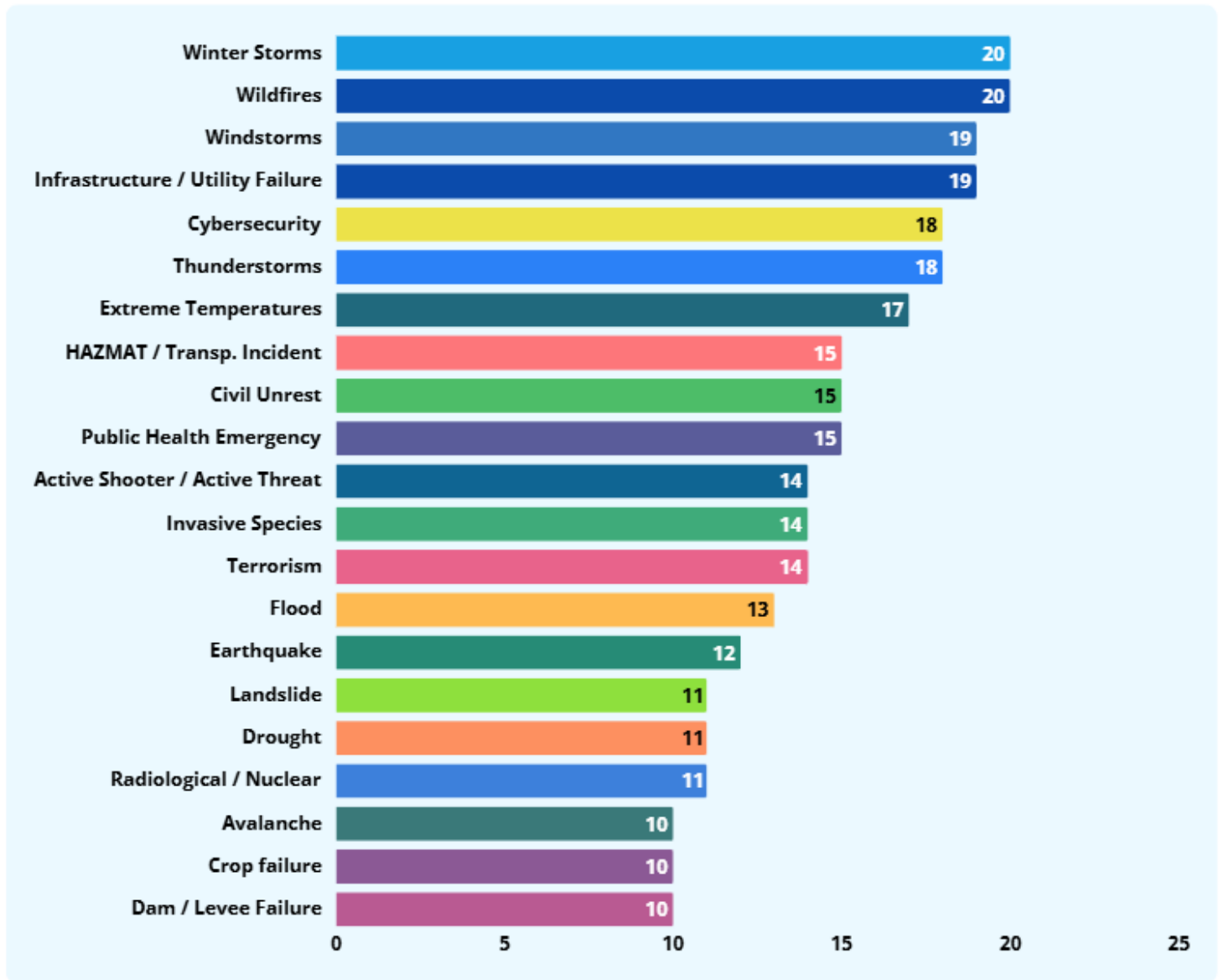


Figure 23-3 Hazard Risk Ranking Chart for Kootenai County

## MITIGATION ACTION PLAN

Table 23-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 23-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
KC - 2		X		
KC - 3		X		National Weather Service twice per year to give flood & fire outlooks.
KC - 4		X		Current Plan & Updates posted on OEM website
KC - 5		X		Promotion of Alert! Kootenai through social media and at in-person events and outreach
KC - 6		X		Promotion of Alert! Kootenai through social media and at in-person events and outreach, preparedness events
KC - 7		X		
KC - 8		X		
KC - 9		X		
KC - 10		X		Grants / mailers & newsletters / educational public meetings
KC - 11		X		
KC - 12		X		
KC - 13		X		
KC - 14	X			Completed installation of a 500' ft. long ice protection log boom at the recently constructed Harrison Breakwater. Other protection devices are still needed at Spokane Point on Lake Coeur d'Alene, along with other waterway facilities on other lakes within the County. Funding availability will determine additional installation of ice protection devices at other County owned facilities.
KC - 15		X		
KC - 16	X			Fire Drill Completed w/ Evac
KC - 17	X			Nomad Vehicle combined MCC and MCU as it also replaces the Mobile Communications trailer.
KC - 18		X		
KC - 19				Kootenai County has acquired LiDAR data along the boundaries of the Coeur d'Alene River basin and Fernan Lake/Blue Creek areas. We are continuing to pursue this data, as it becomes available
KC - 20		X		
KC - 21				If court can't be held at the Court House or Justice Building, it could be moved to the JJC Building or the other way around. It could also be held in the Administration Building in Meeting Rooms 1A & 1B. Also, the Fairgrounds in an option.
KC - 22		X		We need to acquire funds to replace the generator at the Administration Building and to put on at the Court House. They are supposed to add onto the Justice Building and when that happens, a generator is going to be installed.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 23-10
KC - 23		X		The entire building has a pitched roof. The only flat area is the sally-port.
KC - 24		X		
KC - 25				We will be updating our older handout as needed.
KC - 26	-	-	-	-
KC - 27		X		We plan to educate our staff as needed to handle any special wastes at the time of an event/disaster. All staff does go through hazardous materials training with in their 1st year of being hired.
KC - 28		X		Completed during the 5 year update of AHMP in 2026
KC - 29		X		
KC - 30		X		Working with all fire agencies to locate areas and promote wildfire mitigation education
KC - 31		X		Continue to engage with public in 1-on-1 and conference style formats.
KC - 32		X		
KC - 33	X			Remodeled building with grant funding in 2020-2021 to house EOC and OEM staff.
KC - 34		X		
KC - 35	X			Recovery annex of 2024 Emergency Operations Plan
KC - 36		X		Coroner's office has an MOU for autopsy services. A morgue cooling trailer has been purchased. PHD is handling other aspects
KC - 37	-	-	-	-
KC - 38		X		
KC - 39		X		Kootenai County continues to meet the application and self-recertification requirements under the CRS program.
KC - 40		X		
KC - 41		X		
KC - 42		X		
KC - 43		X		
KC - 44	-	-	-	-
KC - 45		X		
KC - 46	X			
KC - 47		X		This initiative was added since the last update in 2020

Table 23-11 lists the initiatives that make up the Kootenai County hazard mitigation action plan, including new mitigation initiatives (*New initiatives will have \* next to the action number*). Table 23-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 23-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
KC - 1*	<i>*NEW* Public Safety will identify the necessary build for a duplicate / backup 911 Center to maintain public safety.</i>					
	All Hazards	1, 3, 4, 5, 6	KC 911	\$5,000,000	LOCAL, E911 FUNDS	MEDIUM TERM
KC - 2	<i>Update County Plans: Comprehensive Emergency Operations Plan, Emergency Operations Plan, All-Hazards Mitigation Plan, Public Health Plan, County Campus Plan, Evacuation Plan, Mass Casualty Plan, Continuity of Operations Plan, and Continuity of Government Plans.</i>					
	All Hazards	1, 2, 3, 4, 5, 6, 7, 8	KC OEM	LOW	GRANTS	ONGOING
KC - 3	<i>Host meetings with hazard specific Subject Matter Experts to gain additional knowledge in better defining and mitigating against natural and human caused hazards</i>					
	All Hazards	1, 3, 5, 6	KC OEM	LOW	LOCAL	ONGOING
KC - 4	<i>Maintain a Hazard Mitigation Plan website where this final plan will be housed and planning partners as well as members of the public will be able to monitor plan implementation.</i>					
	All Hazards	1, 3, 5, 6	KC OEM	LOW	GRANTS	ONGOING
KC - 5	<i>Continue to support the use, development and enhancement of county-wide citizen notification System.</i>					
	All Hazards	1, 3, 5, 6	KC OEM	LOW	LOCAL, GRANTS	ONGOING
KC - 6	<i>Continue to leverage ongoing public education and awareness programs as a method to inform the public on preparedness, risk and community resilience.</i>					
	All Hazards	1, 3, 5	KC OEM	LOW	GRANTS	ONGOING
KC - 7	<i>Strive to capture and provide to OEM, perishable data following hazard events such as: high water marks and landslides, the extent and location of the hazard, and loss information to support future updates to the risk assessment</i>					
	All Hazards	1, 3, 4, 5, 6	PLANNING PARTNERS	LOW	LOCAL, GRANTS	ONGOING
KC - 8	<i>Continue the use and maintenance of the HAZUS-MH model that was developed to support this plan update. Maintenance includes periodic updates of inventory, and hazard data. Use of this tool will be available to all planning partners.</i>					
	All Hazards	1, 3, 5, 6, 8	KC OEM / GIS	LOW	LOCAL, GRANTS	ONGOING
KC - 9	<i>Purchase and install a level monitoring gauge for Lake Pend Oreille at Bayview.</i>					
	Flood	3, 4, 5, 6	KC OEM	LOW	LOCAL, GRANTS	SHORT TERM
KC - 10	<i>Research and take action to promote FireSmart Communities.</i>					
	Wildfire	1, 3, 5	KC OEM	MEDIUM	GRANTS	ONGOING
KC - 11	<i>Provide training in the use of Web EOC county-wide to emergency response and support partner agencies.</i>					
	All Hazards	1, 3, 5, 6	KC OEM, PLANNING PARTNERS	LOW	GRANTS	ONGOING
KC - 12	<i>Divert snow and rain runoff away from homes along Heavenly View Drive and Rainbow Street to prevent flooding and to avert manning pumping operations 24 Hours/ Day.</i>					
	Severe Weather	3, 4, 6	KC OEM	LOW	LOCAL, GRANTS	SHORT TERM

HAZARD MITIGATION PLAN MATRIX						TABLE 23-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
KC – 13	<i>County should assist all fire districts in developing access and functional needs lists or mapping.</i>					
	All Hazards	1, 2, 3, 5, 6, 8	KC OEM, FIRE DISTRICTS	LOW	LOCAL, GRANTS	SHORT TERM
KC – 14*	<i>*NEW* Coordinate with Kootenai Electric Cooperative (KEC) Public Safety Partners for annual Review of the Wildfire Mitigation Plan.</i>					
	Wildfire	1, 3, 5, 6	KEC	LOW	LOCAL	ONGOING
KC – 15	<i>Acquire generator to provide power to the RTC Building and ITS system during a power failure.</i>					
	All Hazards	3, 5, 6	TRANSIT CTR.	MEDIUM	LOCAL, GRANTS	SHORT TERM
KC – 16*	<i>*NEW* Create a database with identified local warming / cooling shelters.</i>					
	Severe Weather	1, 2, 3, 6	KC OEM	LOW	LOCAL	SHORT TERM
KC – 17*	<i>*NEW* Provide educational material for Ready, Set, Go! and Alert! Kootenai such as interactive evacuation mapping and educational videos.</i>					
	All Hazards	1, 3, 5, 6	KCOEM	LOW	GRANTS	SHORT TERM
KC – 18	<i>identify and purchase data storage units to retain video surveillance in the Jail, SO Campus and Dispatch Center for two years</i>					
	Active Threat	3, 5, 6	KCSO	HIGH	UNKNOWN	SHORT TERM
KC – 19	<i>Continue to acquire LIDAR data such that the county can apply for map revisions to more accurately map the flood hazard boundaries of the major lakes.</i>					
	Flood	3, 5, 6, 7, 8	COMMUNITY DEV.	LOW	LOCAL	SHORT TERM
KC – 20	<i>Revise Flood Insurance Rate Maps for the major lakes.</i>					
	Flood	3, 6, 7, 8	COMMUNITY DEV.	LOW	LOCAL	SHORT TERM
KC – 21	<i>District Court Building, JJC, Justice Building – must operate during severe weather. Need alternative location to hold court in the event it can't be held at the District Court Building. Need MOU for alternative locations. The Kootenai County Fairgrounds may also be an option.</i>					
	Severe Weather	3, 5, 6	BG	LOW	LOCAL	SHORT TERM
KC – 22	<i>The Administration Building, Justice Building, and Courthouse do not have backup power. Need to replace the Admin. Generator to support the entire building and servers. Need to reinstall one at the Justice Building and purchase a new generator for the Courthouse.</i>					
	All Hazards	3, 5, 6	BG	HIGH	LOCAL, GRANTS	SHORT TERM
KC – 23	<i>Juvenile Detention Center has a flat roof. When there are heavy snow loads and need a plan to remove the weight. Evacuating the building may be required.</i>					
	Severe Weather	3, 5, 6	BG	LOW	LOCAL	SHORT TERM
KC – 24	<i>Relocation of overhead powerlines constructed in heavily wooded and difficult to access areas. Relocating such lines to roadside easements would significantly reduce susceptibility to storm damage, would be substantially easier to patrol when damages do occur and allow power to be restored to critical loads more quickly. When relocation to a road-side easement is not feasible, conversion of the overhead line to underground construction would be pursued.</i>					

## HAZARD MITIGATION PLAN MATRIX

TABLE 23-11

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
	Severe Weather	3, 4, 5, 6	UTILITY COMPANIES	HIGH	GRANTS	ONGOING
KC – 25	<i>Public Education handouts for household hazardous waste for distribution through the Solid Waste Program.</i>					
	HAZMAT	1, 3, 5, 6	SOLID WASTE	LOW	LOCAL	SHORT TERM
KC – 26	<i>Generators and electrical improvements at the Ramsey and Prairie Transfer Sites to enable continued operations during power outages.</i>					
	Severe Weather	3, 4, 5, 6	SOLID WASTE	MEDIUM	LOCAL	SHORT TERM
KC – 27	<i>Expand staff training for handling special and hazardous materials delivered to solid waste facilities in the event of an event/disaster.</i>					
	HAZMAT	1, 3, 5, 6	SOLID WASTE	LOW	LOCAL	SHORT TERM
KC – 28	<i>Continue to update the Kootenai County Risk Assessment.</i>					
	All Hazards	1, 3, 4, 5, 6, 7, 8	KC OEM	LOW	GRANTS	ONGOING
KC – 29	<i>Explore the feasibility of grading the far end of E. Howard Rd., building an ingress/egress to enable an evacuation route in case of fire or hazardous chemical spill in case of train derailment or blockage of Howard Rd. at the other end.</i>					
	Wildfire	3, 4, 5, 6	HIGHWAY DISTRICTS	MEDIUM	LOCAL	SHORT TERM
KC – 30	<i>Identify high risk areas, promote public awareness and then seek to reduce fuel loads on public lands working with appropriate Local, Federal and State agencies.</i>					
	Wildfire	4, 6, 7, 8	KC OEM, FIRE	MEDIUM	GOOD	SHORT TERM
KC – 31	<i>Determine new and improved ways of educating citizens on what a Flood Way and Flood Plain are; the risks associated with building in a Flood Way or Flood Plain and how to possibly reduce the risks through mitigation.</i>					
	Flood	1, 3, 5, 6	COMMUNITY DEV.	LOW	LOCAL	SHORT TERM
KC – 32	<i>Coordinate with ITD to clean the culverts under I-90 and the On Ramps from Cataldo to improve backwater drainage and improve water levels in the Cataldo Area during high water events.</i>					
	Flood	1, 3, 4, 6	ITD, SCFPD	LOW	LOCAL	SHORT TERM
KC – 33	-	-	-	-	-	-
KC – 34	<i>Acquire easements for and facilitate cleaning of catch basins in Latour Creek.</i>					
	Flood	3, 6	ESHD	LOW	LOCAL	SHORT TERM
KC – 35	-	-	-	-	-	-
KC – 36	<i>Partner with Panhandle Health District Region 1 to update the Kootenai County Mass Fatality Plan. Include such items as MOU's for autopsy services, pumper truck for hauling and disposing of bio-hazard materials, alternative morgue with capacity for over 20 bodies, PPE equipment &amp; supplies for radioactive waste events.</i>					
	All Hazards	1, 2, 6	CORONER	LOW	LOCAL, GRANTS	SHORT TERM
KC – 37	<i>Work with the five northern counties to purchase a portable dental x-ray machine to be used for dental record identification during a mass fatality event.</i>					

## HAZARD MITIGATION PLAN MATRIX

TABLE 23-11

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
	<b>All Hazards</b>	<b>1, 2, 5, 6</b>	<b>CORONER</b>	<b>\$30,000</b>	<b>LOCAL, GRANTS</b>	<b>SHORT TERM</b>
<b>KC – 38</b>	<i>Continue to maintain the County's compliance and good standing under the National Flood Insurance Program (NFIP). This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:</i>					
	<ul style="list-style-type: none"> <li>- Enforcement of the adopted flood damage prevention ordinance</li> <li>- Participating in floodplain identification and mapping updates</li> <li>- Providing public assistance/information on floodplain requirements and impacts.</li> </ul>					
	<b>Flood</b>	<b>3, 4, 5, 6</b>	<b>COMMUNITY DEV.</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>
<b>KC – 39</b>	<i>Continue to maintain or enhance the County's classification under the Community Rating System (CRS) program.</i>					
	<b>Flood</b>	<b>5, 6, 9</b>	<b>COMMUNITY DEV.</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>
<b>KC – 40</b>	<i>Convert overhead power lines routed through (or adjacent to) forest areas with a heightened risk for forest fire to underground lines, when economically feasible.</i>					
	<b>Wildfire, Severe Weather</b>	<b>3, 4, 5, 6</b>	<b>KEC</b>	<b>LOW</b>	<b>GRANTS</b>	<b>ONGOING</b>
<b>KC – 41</b>	<i>Develop advance warning system to include consideration of the age of property owners, need of warning, and back up contacts.</i>					
	<b>All Hazards</b>	<b>1, 5, 6</b>	<b>HARBOR ISLAND</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
<b>KC – 42</b>	<i>Develop a master plan for organizing the distribution of sandbags.</i>					
	<b>Flood</b>	<b>1, 6</b>	<b>HARBOR ISLAND</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
<b>KC – 43</b>	<i>Remodel County space for autopsy/pathology lab facility, including HVAC, radiology, and diagnostic equipment.</i>					
	<b>All Hazards</b>	<b>1, 5, 6</b>	<b>CORONER</b>	<b>MEDIUM</b>	<b>LOCAL, GRANTS</b>	<b>SHORT TERM</b>
<b>KC – 44</b>	<i>Purchase radiology diagnostic equipment.</i>					
	<b>All Hazards</b>	<b>1, 5, 6</b>	<b>CORONER</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
<b>KC – 45</b>	<i>Convert overhead power lines routed through (or adjacent to) forest areas with a heightened risk for forest fire to underground lines, when economically feasible.</i>					
	<b>Utility Failure</b>	<b>1, 3, 4, 5, 6</b>	<b>KEC</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>
<b>KC – 46</b>	<i>Install backup generator serving North Kootenai Water District headquarters to fully support critical operations during emergency events (was KC- 47)</i>					
	<b>All Hazards</b>	<b>3, 5, 6</b>	<b>NORTH KOOTENAI WATER DIST.</b>	<b>HIGH</b>	<b>GRANTS</b>	<b>SHORT TERM</b>

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 23-12

<b>ACTION #</b>	<b>PRIORITY</b>	<b># OF OBJECTIVES MET</b>	<b>COST</b>	<b>BENEFIT</b>	<b>BENEFITS EQUAL OR EXCEED COSTS?</b>
KC - 1*	Medium	5	High	High	Equals
KC - 2	Medium	8	Low	Medium	Exceeds
KC - 3	Medium	4	Low	Medium	Exceeds
KC - 4	Low	4	Low	Low	Equals
KC - 5	Low	4	Low	Low	Equals
KC - 6	Low	3	Low	Low	Equals
KC - 7	Low	5	Low	Low	Equals
KC - 8	Low	5	Low	Medium	Exceeds
KC - 9	Medium	4	Low	Low	Equals
KC - 10	Low	3	Medium	High	Exceeds
KC - 11	High	4	Low	Medium	Exceeds
KC - 12	Medium	3	Low	Medium	Exceeds
KC - 13	Medium	6	Low	High	Exceeds
KC - 14*	Medium	4	Low	High	Exceeds
KC - 15	Medium	3	Medium	High	Exceeds
KC - 16*	Medium	4	Low	Low	Equals
KC - 17*	Medium	4	Low	High	Exceeds
KC - 18	Medium	3	Low	Medium	Exceeds
KC - 19	Medium	5	Low	High	Exceeds
KC - 20	High	4	Low	Medium	Exceeds
KC - 21	Medium	3	Low	Medium	Exceeds
KC - 22	Medium	3	High	High	Equals
KC - 23	High	3	Low	Low	Equals
KC - 24	Low	4	High	Medium	-
KC - 25	Medium	4	Low	Low	Equals
KC - 26	Medium	4	Medium	Medium	Equals
KC - 27	Medium	4	Low	Medium	Exceeds
KC - 28	Medium	7	Low	Medium	Exceeds
KC - 29	Medium	4	Medium	High	Exceeds
KC - 30	Medium	4	Medium	High	Exceeds
KC - 31	High	4	Low	Low	Exceeds
KC - 32	Low	4	Low	Medium	Exceeds
KC - 33	-	-	-	-	-
KC - 34	High	2	Low	Medium	Exceeds
KC - 35	-	-	-	-	-
KC - 36	Low	3	Low	High	Exceeds
KC - 37	Medium	4	Medium	High	Exceeds
KC - 38	Medium	4	Low	Medium	Exceeds
KC - 39	High	3	Low	Medium	Exceeds
KC - 40	High	4	Low	High	Exceeds
KC - 41	High	3	Low	Medium	Exceeds

KC - 42	<b>Medium</b>	2	Low	Medium	Exceeds
KC - 43	<b>Medium</b>	3	Medium	Medium	Equals
KC - 44	<b>High</b>	3	Low	Medium	Exceeds
KC - 45	<b>Medium</b>	5	Low	High	Exceeds
KC - 46	<b>High</b>	3	High	High	Equals

*See the introduction to this Volume for explanation of priorities.*

## CHAPTER 24 CITY OF ATHOL ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Pete Weigman, Public Works Director  
PO Box 249  
Athol, ID 83801  
Telephone: 208-683-1130  
publicworks@cityofathol.us

#### ALTERNATE

Steven Ruch, Mayor  
PO Box 249  
Athol, ID 83801  
Telephone: 208-683-1133  
mayor@cityofathol.us

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Athol. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

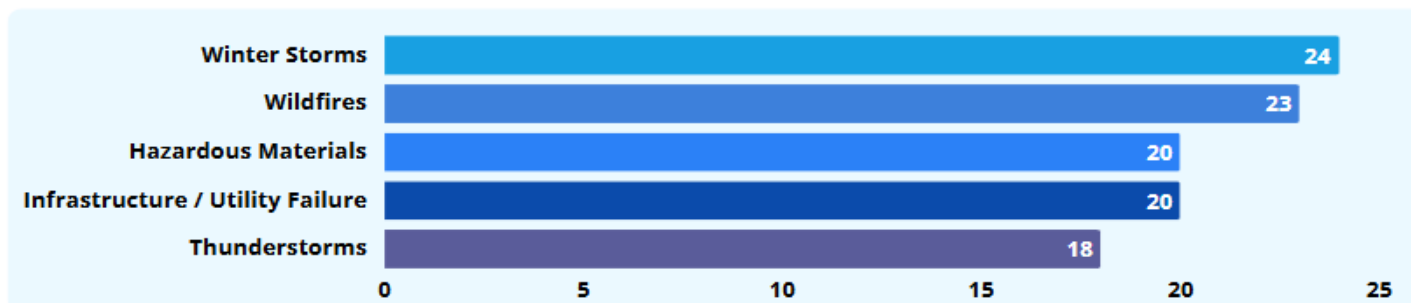


Figure 24-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 24-1
<b>CURRENT POPULATION</b>	<b>DATE OF INCORPORATION</b>	<b>POPULATION GROWTH</b>
800 (Average age of 40.7) (2022 U.S. Census estimate)	1909	Increased by approximately 10.1% between 2010 and 2022 (2022 U.S. Census estimate)

CRITICAL FACILITIES								TABLE 24-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
2	1	6	0	4	0	0	0	13

CRITICAL INFRASTRUCTURE					TABLE 24-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL
1	2	0	0	0	3

## OVERVIEW

The City of Athol is located in northern Kootenai County, Idaho. The Silverwood theme park is located in close proximity. Farragut State Park is located several miles east of town at the southern end of the Lake Pend Oreille.

## BRIEF HISTORY

A Northern Pacific Railroad station was built in Athol in 1882, and settlers hoped for a vast agricultural paradise. The jack pine forest first attracted early settlers to Athol, and logging, milling, and agriculture created prosperity. By 1903 there were many businesses opened, including the Pacific Hotel, a drugstore, a smithy, a jewelry store, restaurants, a mercantile company, and a saloon. The depression reduced Athol's importance, and the community declined until the 1940s when Farragut Naval Training Station opened.

Athol was first known as Colton, the town was renamed Athol by a settler who came from Athol, Massachusetts. The Massachusetts Athol was named after a town in Scotland named for the Duke of Athol.

## GOVERNING BODY FORMAT

The City is governed by a mayoral/council form of government with 4 City Council Members and a Mayor, all of which are elected to 4-year terms. This body will assume responsibility for the implementation and adoption of this plan. The Mayor oversees the day-to-day operations of the City. Services provided by the City include Public Services including Public Works, Cemetery, Road Maintenance, and Water.

## DEVELOPMENT TRENDS

Athol has maintained a consistent level of growth over the past few years. The Crossings commercial development, anchored with Super 1 Foods, is now nearly three quarters developed. This has led to more than a 50% growth in new businesses in Athol. Athol's residential housing market has also experienced some growth and development. The first subdivision in 30 years brought 25 new homes and the development of 2 additional streets being built has brought an additional 10 homes all within the last two years. Athol is also beginning to feel more impacts because of the residential growth happening just outside of the city limits.

Forecasted projects that will impact the City include:

- Continued Commercial development around Super One at Highway 54 and Roberts Rd
- Permanent Public Park Restrooms – (Approximately \$250,000)
- Projected new City Hall building – Unclear cost at this time
- Cemetery development – Unclear cost at this time
  - Issues arising from past and forecasted development include:
- Increased demand for services Fire, Police, Streets, Parks
- Increased call volume for First Responders (Fire/Police)
- Increased sewer volume needing to be addressed- The city did conduct a facility plan but research showed it does not financially work for a city our size at this time. Development of a regional sewer treatment facility may make more sense to address future needs
- Increased demand for recreation facilities, which places a major responsibility on a City Parks and Recreation program to be developed
- Increased demand for trash and recycling

With the increase in residential homes both in and around the city as well as the growth in new business, Athol's population is sure to continue to rise. This can already be seen by the increase in traffic along Highway 54 and 95 corridors. The need of infrastructure resources has increased without an increase in employees, which puts more burden on the existing

employees and creates delays in action which are scrutinized by the public. The continued increase in demand for fire/police/and city services could create a potential hazard during a crisis or event.

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 24-4. An assessment of fiscal capabilities is presented in Table 24-5. An assessment of administrative and technical capabilities is presented in Table 24-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 24-7. Classifications under various community mitigation programs are presented in Table 24-8.

LEGAL AND REGULATORY CAPABILITY		TABLE 24-4
CODES, ORDINANCES, & REQUIREMENTS	COMMENTS:	LOCAL AUTHORITY?
Building Code		NO
Zoning Code	Planning and Zoning, Ordinance #263 (7-12-2005)	YES
Subdivisions	General provisions. Subdivisions Ordinance # 442 (2023)	YES
Stormwater Management	Commercial Zones Ordinance #445 (5-21-2024)	YES
Post-Disaster Recovery		NO
Real Estate Disclosure		NO
Growth Management		NO
Site Plan Review	Site Permits/Lot coverage, Ordinance #416 (3-21-2018); Ordinance #416 (3-21-2018); Ordinance #430 (11-17-2020); Ordinance # 445 (5-21-2024)	YES
Public Health and Safety	Law Enforcement, minors, animals. Nuisance Ordinance # 265 (5-2-2006), Curfew Ordinance #251 (12-3-2002), Livestock Ordinance # 246 (1-2-2001)	NO
Environmental Protection	Health and sanitation. Nuisance Ordinance # 271 ( 7-1-2008)	YES
PLANNING DOCUMENTS	COMMENTS:	LOCAL AUTHORITY?
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	Plan is 2022	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>	Water and streets; \$4,000,000 project	YES
<i>How often is the plan updated?</i>	5-10 years as needed	
Floodplain or Basin Plan		NO
Stormwater Plan	Commercial Zones Ordinance # 445 (5-21-2024)	NO
Habitat Conservation Plan		NO
Economic Development Plan		NO
Shoreline Management Plan		NO
Community Wildfire Protection Plan		NO

**LEGAL AND REGULATORY CAPABILITY****TABLE 24-4**

<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan	2024 Kootenai County Emergency Operations Plan	YES
Threat & Hazard Identification & Risk Assessment	In Progress	YES
Terrorism Plan		NO
Post-Disaster Recovery Plan		NO
Continuity of Operations Plan		NO
Public Health Plan		NO

**FISCAL CAPABILITY****TABLE 24-5**

<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	YES
<i>Capital Improvements Project Funding</i>	YES
<i>Authority to Levy Taxes for Specific Purposes</i>	YES
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	YES
<i>Incur Debt through General Obligation Bonds</i>	YES
<i>Incur Debt through Special Tax Bonds</i>	NO
<i>Incur Debt through Private Activity Bonds</i>	NO
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	NO
<i>State-Sponsored Grant Programs</i>	YES
<i>Development Impact Fees for Homebuyers or Developers</i>	YES
<i>Other</i>	-

**ADMINISTRATIVE AND TECHNICAL CAPABILITY****TABLE 24-6**

<b>STAFF/PERSONNEL RESOURCES</b>	<b>AVAILABLE?</b>	<b>DEPARTMENT/AGENCY/POSITION</b>
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Contracted out
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Contracted Out
<i>Planners or engineers with an understanding of natural hazards</i>	YES	Contracted out
<i>Staff with training in benefit/cost analysis</i>	YES	Contracted out
<i>Surveyors</i>	YES	Contracted as needed
<i>Personnel skilled or trained in GIS applications</i>	YES	Contracted out
<i>Scientist familiar with natural hazards in local area</i>	NO	Contracted out
<i>Emergency manager</i>	YES	Local fire department
<i>Grant writers</i>	YES	Contracted out

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE	TABLE 24-7
<i>What local department is responsible for floodplain management?</i>	N/A
<i>Who is your floodplain administrator? (department/position)</i>	N/A
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	N/A
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	N/A
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	N/A
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i> – <i>If so, please state what they are.</i>	N/A
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i> – <i>If no, please state why.</i>	
<i>Does your floodplain management staff need any assistance or training to support its floodplain management program?</i> – <i>If so, what type of assistance/training is needed?</i>	N/A
<i>Does your jurisdiction participate in the Community Rating System (CRS)?</i> – <i>If so, is your jurisdiction seeking to improve its CRS Classification?</i> – <i>If not, is your jurisdiction interested in joining the CRS program?</i>	N/A

The City of Athol does not contain any mapped Special Flood Hazard Areas. As a result, the City is not required to participate in the National Flood Insurance Program (NFIP). The City may consider joining the NFIP in the future, and if so, will follow all necessary program requirements.

COMMUNITY CLASSIFICATIONS	TABLE 24-8		
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
<i>Community Rating System</i>	NO	N/A	N/A
<i>Building Code Effectiveness Grading Schedule</i>	NO	10/10	N/A
<i>Public Protection - Fire Insurance Rating</i>	YES	3	2010
<i>Storm Ready</i>	NO	N/A	N/A
<i>Firewise</i>	NO	N/A	N/A

## JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 24-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

NATURAL HAZARD EVENTS			TABLE 24-9
TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
<b>Tornado</b>	An NWS survey team concluded f2 tornado touched down and caused damage to old growth trees	5/31/1997	\$50,000 in property damage
<b>Thunderstorm</b>	Strong winds associated with a thunderstorm produced estimated wind gusts near 60 MPH.	7/12/2006	-

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas:

**Hazardous Materials:** The City is concerned about the potential of a pipeline failure or a hazardous materials incident during transportation via tractor trailer on US95 or railcar on BNSF or Union Pacific tracks which both run through the west end of town.

**Cyber Security:** The City intends to invest in education regarding cyber-security threats that could impact the jurisdiction.

## COMMUNITY CHALLENGES

- Lack of Health & Medical Services
- Safety & Security force
- Public Health
- Patient Transportation
- No City Sewer, only Septic
- Outdated Infrastructure
- Wildfire Risk
- Low staffing Due to Tax Base
- Lack of Funding

**HAZARD RISK RANKING**

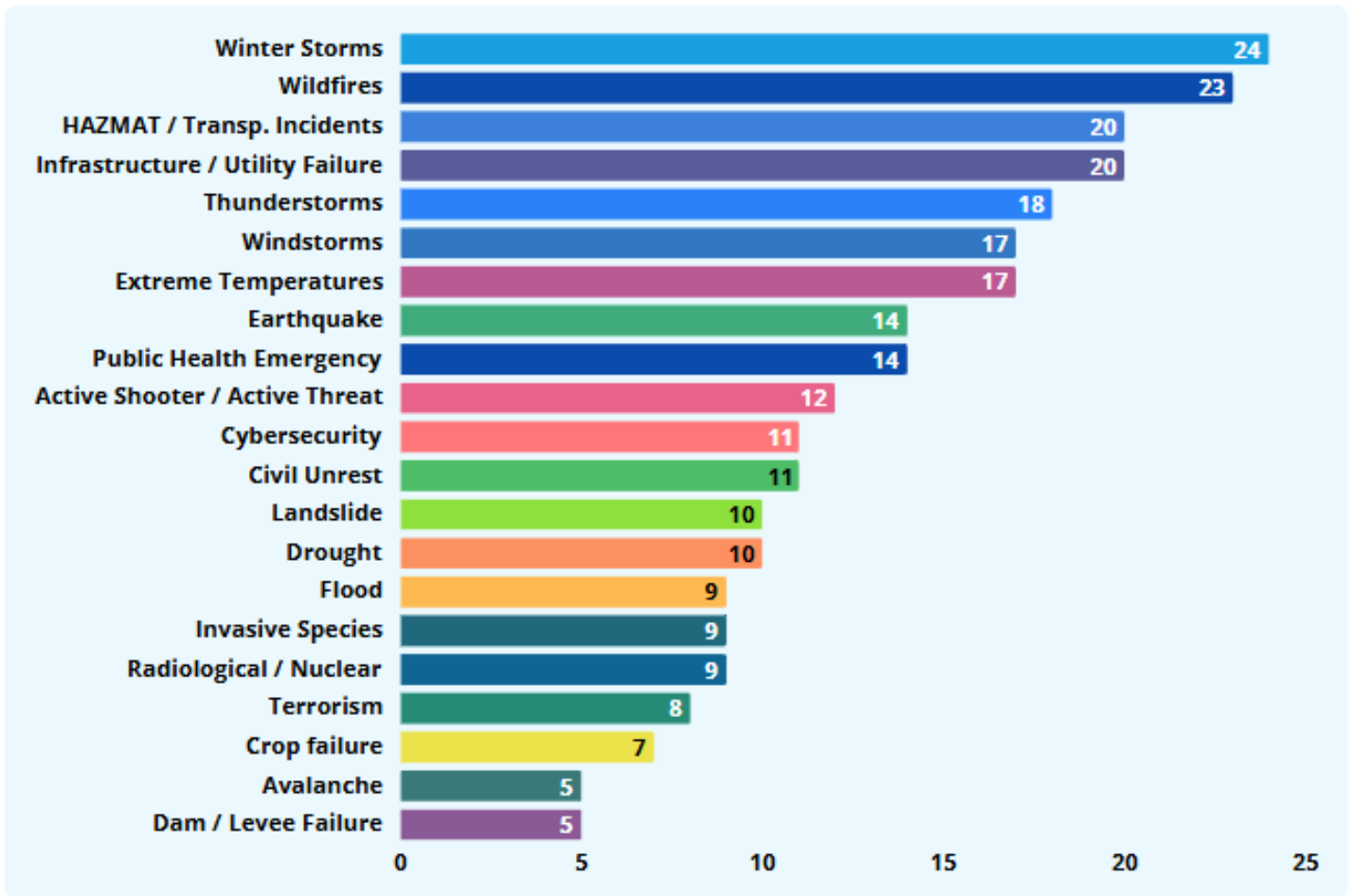


Figure 24-2 Hazard Risk Ranking Chart for City of Athol

## MITIGATION ACTION PLAN

Table 24-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 24-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
A - 1		X		Working with city personnel to develop plan.
A - 2	X			Available, situationally dependent
A - 3	X			Amateur Radio set has been donated to City, Public Works director is a licensed operator
A - 4		X		Encourage citizens to coordinate with KCOEM and their website for information
A - 5		X		Ongoing conversation until funding is identified
A - 6		X		Coordinate with KCOEM, referring people to KCOEM website for education
A - 7		X		Ongoing
A - 8			X	Not located in flood zone
A - 9		X		Working on fortifying communications in the building

Table 24-11 lists the initiatives that make up the City of Athol hazard mitigation action plan, including new mitigation initiatives (*New initiatives will have \* next to the action number*). Table 24-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 24-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
A - 1	<i>Create a Continuity of Operations Plan for the City of Athol.</i>					
	All Hazards	1, 3, 5	CITY OF ATHOL	LOW	LOCAL	SHORT TERM
A - 2*	<i>*NEW* Public Works will work to identify the necessary capacity for a generator to power the facility.</i>					
	All Hazards	3, 5, 6	CITY OF ATHOL	UNKNOWN	UNKNOWN	SHORT TERM
A - 3	<i>Enable the City Community center to be used as a disaster relief headquarters. (Was A-9)</i>					
	All Hazards	1, 2, 3, 5, 6	CITY OF ATHOL	LOW	LOCAL	SHORT TERM
A - 4	<i>Increase public awareness of all hazard events that may impact the City and develop a public awareness brochure.</i>					
	All Hazards	1	CITY OF ATHOL	LOW	LOCAL	ONGOING
A - 5	<i>Obtain a backup generator to support the City Hall building, which will be used during emergency conditions where supplied electrical power service is unavailable.</i>					
	All Hazards	1, 2, 3, 5, 6	CITY OF ATHOL	UNKNOWN	LOCAL, GRANTS	SHORT TERM
A - 6	<i>Add a page/link on the City Website recommending actions to prevent wildfire and list evacuation instructions (persons &amp; animals). Include Shelter in Place instructions.</i>					
	All Hazards	1	CITY OF ATHOL	LOW	LOCAL	ONGOING
A - 7	<i>Continue to participate in the Kootenai County Multi-Jurisdictional All Hazard Mitigation Plan Update Process for the next five years.</i>					
	All Hazards	1, 3, 4, 5, 6	CITY OF ATHOL	LOW	LOCAL	ONGOING

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 24-12

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
A - 1	High	3	Low	Medium	Exceeds
A - 2*	Medium	3	-	High	Equals
A - 3	Medium	5	Low	Medium	Exceeds
A - 4	High	1	Low	Low	Equals
A - 5	Low	5	-	High	Exceeds
A - 6	High	1	Low	Low	Equals
A - 7	Medium	5	Low	Low	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 25 CITY OF COEUR D’ ALENE ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Lucas Pichette, Deputy Chief  
300 E Foster Ave  
Coeur d’Alene, ID 83814  
Telephone: 208-769-2340  
lpichette@cdaid.org

#### ALTERNATE

Hilary Patterson, Planning Director  
710 E Mullan Ave  
Coeur d’Alene, ID 83814  
Telephone: 208-769-2300  
hpatterson@cdaid.org

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Coeur d’ Alene. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

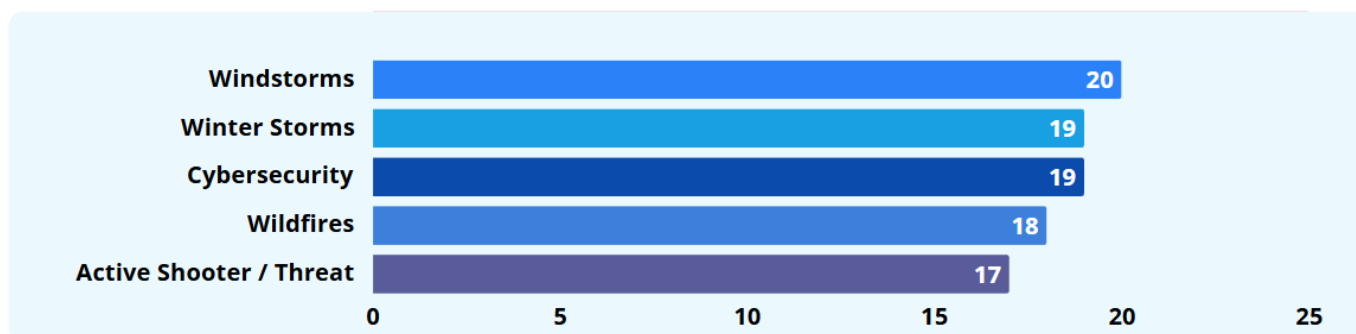


Figure 25-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 25-1
<b>CURRENT POPULATION</b>	<b>DATE OF INCORPORATION</b>	<b>POPULATION GROWTH</b>
56,894 (2023 U.S. Census estimate)	1887	Increased by approximately 4.1% between 2020 and 2023 (2023 U.S. Census estimate)

CRITICAL FACILITIES								TABLE 25-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
28	48	33	2	12	8	1	11	143

CRITICAL INFRASTRUCTURE						TABLE 25-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL	
26	11	22	0	8	67	

## OVERVIEW

The City of Coeur d’Alene is located on the northern end of Lake Coeur d’Alene. The lake is fed principally by the St. Joe and Coeur d’Alene Rivers and is drained by the Spokane River. The domestic water is obtained from deep wells in the Spokane Valley-Rathdrum Prairie Aquifer, a huge underground reservoir of high quality, known for its abundant quantity of water. The foothills of the Bitterroot Mountain Range lie to the east of the city. Coeur d’Alene National Forest land lies to the east and south of the city and are visible from most areas. The city itself has been designated a “Tree City USA” as a result of the management of our urban forest. Year-round outdoor recreational opportunities that utilize our natural surroundings are available regionally and locally. Scenic views and vistas are an abundant, important asset to the community and are highly prized by residents and tourists alike.

The City of Coeur d’Alene is Kootenai County’s largest city, with approximately 57,000 residents. It is the County seat. The city has a wide variety of geographic features, including neighborhoods on the Rathdrum Prairie, adjacent hillsides, and lake and riverfront properties.

The City has forested areas within the wildland urban interface (WUI) area that are actively managed to help reduce fuel and educate property owners on fire safe practices. These include Tubbs Hill, Cherry Hill, Stanley Hill, Fernan Hill, and Canfield Mountain.

The City of Coeur d’Alene’s Fire Department provides firefighting and emergency medical services, hazardous materials incident response and water rescue services to an area encompassing 16 square miles and approximately 57,000 residents in the City of Coeur d’Alene. The Coeur d’Alene Fire Department is bounded on the north by Northern Lakes Fire District, to the south by Mica Kidd Island Fire District, and to the east and west by the Kootenai County Fire and Rescue. The district serves the City of Coeur d’Alene and North Idaho College, located within its boundaries. The Coeur d’Alene Fire Department is staffed by 70 full-time firefighters/Emergency Medical Technicians.

## BRIEF HISTORY

The French name Coeur d’Alene can be traced back to the early 1800s when David Thompson of the North West Trading Company, encountered French-speaking Iroquois already living in the area. Since the Iroquois were familiar with the area, he hired them as guides and scouts. The words, Coeur d’Alene (meaning the “heart of an awl”) may have been the Iroquois’ attempt to describe the sharp trading practices of the local Schitsu’umsh people who were native to the area.

Kootenai County’s original boundaries were established on December 22, 1884. The first county seat was Sin-na-ac-quateen, a trading post located on the Clark Fork River (it was later relocated to Rathdrum and again later, to Coeur d’Alene). Fort Coeur d’Alene was established in 1878, and later became Fort Sherman, named after the famous Civil War general. The City of Coeur d’Alene developed near the edge of the fort and within a few years had become a supply point and navigation hub for the mining and timber industry.

In 1910, Coeur d’Alene’s population was 8,000. Six large lumber mills were located in and near Coeur d’Alene. The City boasted 4 banks, 5 hotels, 9 churches, 4 grade schools and a high school, a movie theater, and 2 telephone systems. Four railroads served the city: the Northern Pacific; the Inland Empire Railroad electric line; the Milwaukee Road; and the Spokane International. The city’s major industries were timber, tourism, and agriculture. By the early 1930s Coeur d’Alene was established as Kootenai County’s economic and social center.

## GOVERNING BODY FORMAT

The City is governed by a mayoral/council form of government with 6 City Council Members and a Mayor, all of which are elected to 4-year terms. This body will assume responsibility for the implementation and adoption of this plan. A City Administrator oversees the day-to-day operations of the City. Services provided by the City include Police, Fire, Public Services including Public Works, Planning and Parks and Recreation, Water and Wastewater and a public library system.

## DEVELOPMENT TRENDS

Coeur d'Alene contains a mixture of century-old residential neighborhoods near the downtown core and newly constructed neighborhoods in the northern portions of the city. Increased property values near Lake Coeur d'Alene have intensified the pressure for infill, redevelopment, and reuse in the areas surrounding the downtown. Commercial uses thrive along transportation corridors. The two major auto-oriented transportation routes in Coeur d'Alene are Interstate-90 (east/west) and US-95 (north/south).

Downtown Coeur d'Alene has the highest intensity uses for retail, office, residences, and hotels contained within low-rise, mid-rise and high-rise buildings. The Education Corridor is made up of multiple institutions of higher learning and is being master planned for expansion. The residual shorelines will see expanded pressure for higher density lower stature mixed use development. The Rathdrum Prairie will remain primarily lower density residential development with pockets of increased density. Hillsides present many hurdles for development; public sentiment, utilities, ingress/egress, slope/runoff, view shed, and protection from wildfire are just a few of the difficulties regarding growth in such areas. Commercial areas along transportation corridors are expected to increase in density exclusive of expanding much in area due to logistical restraints.

The City has close to 4,600 assets. Of these, the following assets are of critical importance:

- 88 City-owned buildings
- 46 wells
- 17 water tanks
- Wastewater facility
- Two (2) bridges
- 2,000 fire hydrants
- Five (5) docks
- 24 ITD intersections, 57 City intersections with signals

The City has four Fire Stations and a fire boat house at the 3rd Street Marina.

The Police Department is undergoing an expansion project at the Police Headquarters and a new Support Services Building is being constructed.

City-owned infrastructure and assets that would be important to protect in a hazard situation, would be the buildings, the wastewater treatment facility, the wells, water tanks and pumping infrastructure, fire hydrants, fiber network, communication systems, servers, bridges, and traffic signals.

There are three towers being constructed in Downtown Coeur d'Alene – the Thomas George condo building, a Marriott Hotel, and The Sherman Tower which is a hotel tower for the Coeur d'Alene Resort. These towers are being constructed without the FARS standpipe infrastructure, as they were approved prior to the new City Code requiring the FARS system was adopted.

As the City continues to grow, departments continue to experience: Increased demand for services Fire, Police, Streets, Parks, Legal, IT;

- Increased call volume for First Responders (Fire/Police)
- Increased sewer volume requires ongoing upgrades at the treatment facility.
- Increased water demand, thus new water tower facilities and wells
- Increased demand for recreation facilities puts added responsibility on Parks and Recreation.
- Increased demand for trash and recycling

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 25-4. An assessment of fiscal capabilities is presented in Table 25-5. An assessment of administrative and technical capabilities is presented in Table 25-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 25-7. Classifications under various community mitigation programs are presented in Table 25-8.

LEGAL AND REGULATORY CAPABILITY		TABLE 25-4
CODES, ORDINANCES, & REQUIREMENTS	COMMENTS:	LOCAL AUTHORITY?
Building Code	International Building Code	YES
Zoning Code		YES
Subdivisions		YES
Stormwater Management		YES
Post-Disaster Recovery		NO
Real Estate Disclosure		NO
Growth Management	Area of Impact	YES
Site Plan Review	Planning, Engineering, Water, Wastewater, Fire, Building	YES
Public Health and Safety	Panhandle Health District	NO
Environmental Protection	Coeur d'Alene Municipal Code sections 17.08.1, 17.08.9, and 17.98.2 (Floodplain, hillside, shoreline)	YES
PLANNING DOCUMENTS	COMMENTS:	LOCAL AUTHORITY?
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	The 2022-2042 Comprehensive Plan contains a section on Natural Resources and Hazardous Areas under Part 4 (Special Areas). It includes the Wildland Urban Interface, Floodplain, and Hillside. The plan is equipped to be able to link to current mitigation plans as a document adopted by reference.	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>  <i>How often is the plan updated?</i>	Streets, parks, public safety, wastewater-plant and collection systems, water. Police, Fire and Transportation CIPs were done as part of the Impact Fee Update that was adopted in July 2024.  Every 5 years for wastewater, every 6-10 for water	YES
Floodplain or Basin Plan	Coeur d'Alene Municipal Code 17.08.100 2010 Revised	YES
Stormwater Plan	Coeur d'Alene Municipal Code 13.30 - 1994	YES
Habitat Conservation Plan		NO
Economic Development Plan	Region 1 Comprehensive Economics Development Strategy (CEDS) 9-25-142024	YES
Shoreline Management Plan	Shoreline Ordinance	YES
Community Wildfire Protection Plan	Standard Operating Procedure	YES

**LEGAL AND REGULATORY CAPABILITY****TABLE 25-4**

<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan	2024 Kootenai County Emergency Operations Plan	YES
Threat & Hazard Identification & Risk Assessment	EPA Mandated for Wastewater -2013	YES
Terrorism Plan	Fire and law standard operating procedures; IT with document recovery plan	YES
Post-Disaster Recovery Plan		YES
Continuity of Operations Plan		YES
Public Health Plan	Panhandle Health District	YES

**FISCAL CAPABILITY****TABLE 25-5**

<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	YES
<i>Capital Improvements Project Funding</i>	YES
<i>Authority to Levy Taxes for Specific Purposes</i>	YES
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	YES
<i>Incur Debt through General Obligation Bonds</i>	YES
<i>Incur Debt through Special Tax Bonds</i>	NO
<i>Incur Debt through Private Activity Bonds</i>	NO
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	NO
<i>State-Sponsored Grant Programs</i>	YES
<i>Development Impact Fees for Homebuyers or Developers</i>	YES
<i>Other</i>	Tax Increment Financing

**ADMINISTRATIVE AND TECHNICAL CAPABILITY****TABLE 25-6**

<b>STAFF/PERSONNEL RESOURCES</b>	<b>AVAILABLE?</b>	<b>DEPARTMENT/AGENCY/POSITION</b>
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Planning/Engineering
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Engineering
<i>Planners or engineers with an understanding of natural hazards</i>	YES	Planning/Engineering
<i>Staff with training in benefit/cost analysis</i>	YES	Finance
<i>Surveyors</i>	NO	Contract out for surveying needs
<i>Personnel skilled or trained in GIS applications</i>	YES	IT/GIS Coordinator/Planning
<i>Scientist familiar with natural hazards in local area</i>	NO	Not on Staff
<i>Emergency manager</i>	YES	Fire
<i>Grant writers</i>	YES	Parks/Planning/Fire/Police/ Municipal Services

<b>NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE</b>	<b>TABLE 25-7</b>
<i>What local department is responsible for floodplain management?</i>	Engineering
<i>Who is your floodplain administrator? (department/position)</i>	City Engineer
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	YES
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	Revised 2010
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	N/A
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i> – <i>If so, please state what they are.</i>	NO
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i> – <i>If no, please state why.</i>	YES
<i>Does your floodplain management staff need any assistance or training to support its floodplain management program?</i> – <i>If so, what type of assistance/training is needed?</i>	NO
<i>Does your jurisdiction participate in the Community Rating System (CRS)?</i> – <i>If so, is your jurisdiction seeking to improve its CRS Classification?</i> – <i>If not, is your jurisdiction interested in joining the CRS program?</i>	NO

<b>COMMUNITY CLASSIFICATIONS</b>	<b>TABLE 25-8</b>		
	<b>PARTICIPATING?</b>	<b>CLASSIFICATION</b>	<b>DATE CLASSIFIED</b>
<i>Community Rating System</i>	NO	N/A	N/A
<i>Building Code Effectiveness Grading Schedule</i>	YES	4/4	2012
<i>Public Protection - Fire Insurance Rating</i>	YES	3	9/2014
<i>Storm Ready</i>	NO	N/A	N/A
<i>Firewise</i>	YES	-	2018

## JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 25-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

<b>NATURAL HAZARD EVENTS</b>			<b>TABLE 25-9</b>
<b>TYPE OF EVENT</b>	<b>EVENT DESCRIPTION / FEMA DISASTER #</b>	<b>DATE</b>	<b>PRELIMINARY DAMAGE ASSESSMENT</b>
<b>Thunderstorm Wind</b>	A tree fell into a house, due to the wind	5/31/1997	\$10,000

## NATURAL HAZARD EVENTS

TABLE 25-9

<b>Hail and Heavy Rain</b>	There were ¾ inch hail and 4-6 inches of rain overnight.	8/7/1999	One boat sank from accumulated rainwater.
<b>Thunderstorm Wind</b>	A thunderstorm moved across Kootenai County during the evening of August 2nd bringing winds of 50 mph. These winds injured two people from flying debris and damaged a home with a blown down tree.	8/2/2004	\$5,000
<b>Heavy Rain</b>	Heavy rain contributed to seven car accidents involving 13 vehicles along I-90 near Coeur d'Alene.	3/30/2006	Two minor indirect injuries resulted from the accidents.
<b>Lightning</b>	Lightning damaged two buildings at Coeur d'Alene Industrial Park.	7/5/2006	The property damage from this event is estimated at \$15,000.
<b>Lightning</b>	A 27-foot sailboat sank near Blackwell Island in Coeur D'Alene after lightning struck the sailboat. An electrical charge from the lightning also traveled up power lines to a home and blew out two TV's and damaged several electrical sockets. Other homes and businesses received minor damage. Lightning struck a business putting a hole in a concrete wall. About 2,000 power outages resulted from the storm.	6/4/2007	\$30,000
<b>Thunderstorm Wind</b>	A line of severe thunderstorms tracked through north Idaho causing extensive damage from Kootenai county north to the United States and Canadian border. Numerous trees were blown down with power outages common due to winds between 60-70 MPH. Over 100 power poles had to be replaced, including at least 70 that snapped near Priest Lake. At least 15,000 homes in Kootenai, Bonner, and Boundary counties lost power. Every home in Boundary county lost power. Trees fell onto several homes, cars, and roadways, including highway 95 which was blocked north of Bonners Ferry and between Bonners Ferry and Sandpoint. The Army National Guard responded to provide additional aid to emergency personnel. The port of entry into Canada briefly closed due to the storm.	6/29/2007	\$81,000
<b>Thunderstorm Wind</b>	A severe thunderstorm uprooted a tree in Coeur D'Alene.	7/19/2007	-
<b>Thunderstorm Wind</b>	A severe thunderstorm resulted in wind damage in the Coeur D'Alene area, as well as Kootenai and Sandpoint where several trees and power lines were blown down.	8/31/2007	\$2,000
<b>Heavy Rain</b>	Brief heavy rain led to urban flooding in the city of Coeur D'Alene. Some stormwater manhole covers were lifted up from the street with torrents of water gushing up from underneath. Some properties had flooding with water close to homes.	6/4/2010	-
<b>Lightning</b>	An upper-level low sagging down the Pacific Northwest Coastline was responsible for drawing moist, unstable air northward into Northern Idaho. Shortwave energy ejecting from the low triggered thunderstorms over Northern Idaho during the afternoon and evening of July 16th. As the thunderstorms tracked over the Coeur D'Alene area, lightning struck a reservoir tank on Tubbs Hill damaging a sensor.	7/16/2012	\$1,000
<b>Heavy Rain</b>	A trof of low pressure sweeping around the edge of a low-pressure system moving north along the Oregon and Washington Coast produced numerous thunderstorms that moved across Eastern Washington and Northern Idaho.	6/1/2015	-
<b>Lightning</b>	A thunderstorm near Coeur D'Alene during the evening of June 28th produced a lightning bolt that struck a house and set it on fire. Quick response by the fire department saved most of the house, but damage to the home was estimated at 50 thousand dollars.	6/28/2017	\$50,000

NATURAL HAZARD EVENTS			TABLE 25-9
<b>Hail</b>	The weather pattern on August 10th featured a very moist and unstable air mass with a passing upper level low pressure. These elements promoted widespread afternoon and evening thunderstorms with heavy rain across north Idaho with scattered reports of large hail and damaging downburst winds.	8/10/2019	-
<b>Windstorm</b>	Windstorm blew tree on WWT Shop building and fence	11/27/2019	\$39,297
<b>Windstorm</b>	Windstorm blew down tree in Forest Cemetery damaging fence and angel	2/1/2020	\$12,253.82
<b>Snowstorm</b>	Heavy snow and wind lost several trees and limbs of trees.	10/23/2020	\$34,760.00
<b>Windstorm</b>	FEMA-4589-DR Severe winds causing loss of 166 trees, and debris cleanup all over the City. There was damage to docks, damage to fences, damage to Jewett house garage and roof flashing at Fire Station. Power surge damaged some electrical equipment.	1/13/2021	\$750,000.00
<b>Windstorm</b>	Wind blew of part of the roof of the Harbor Center and damaged skylight	11/15/2021	\$161,424

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## LOCAL HAZARD CONCERNS

The following include narratives

about specific hazards within the jurisdiction that are of particular concern in local areas:

- Cyber Attack
- Wildfire
- Terrorism Attack – damage to critical infrastructure/water supply/communications
- Hazard Spill
- Civil Unrest

## COMMUNITY CHALLENGES

- Lack of Funding
- Fire Equipment
- Communications
- Supply Chain Issues
- Affordable Housing
- Population Growth
- Lack of Resources
- Continuity of Government

**HAZARD RISK RANKING**

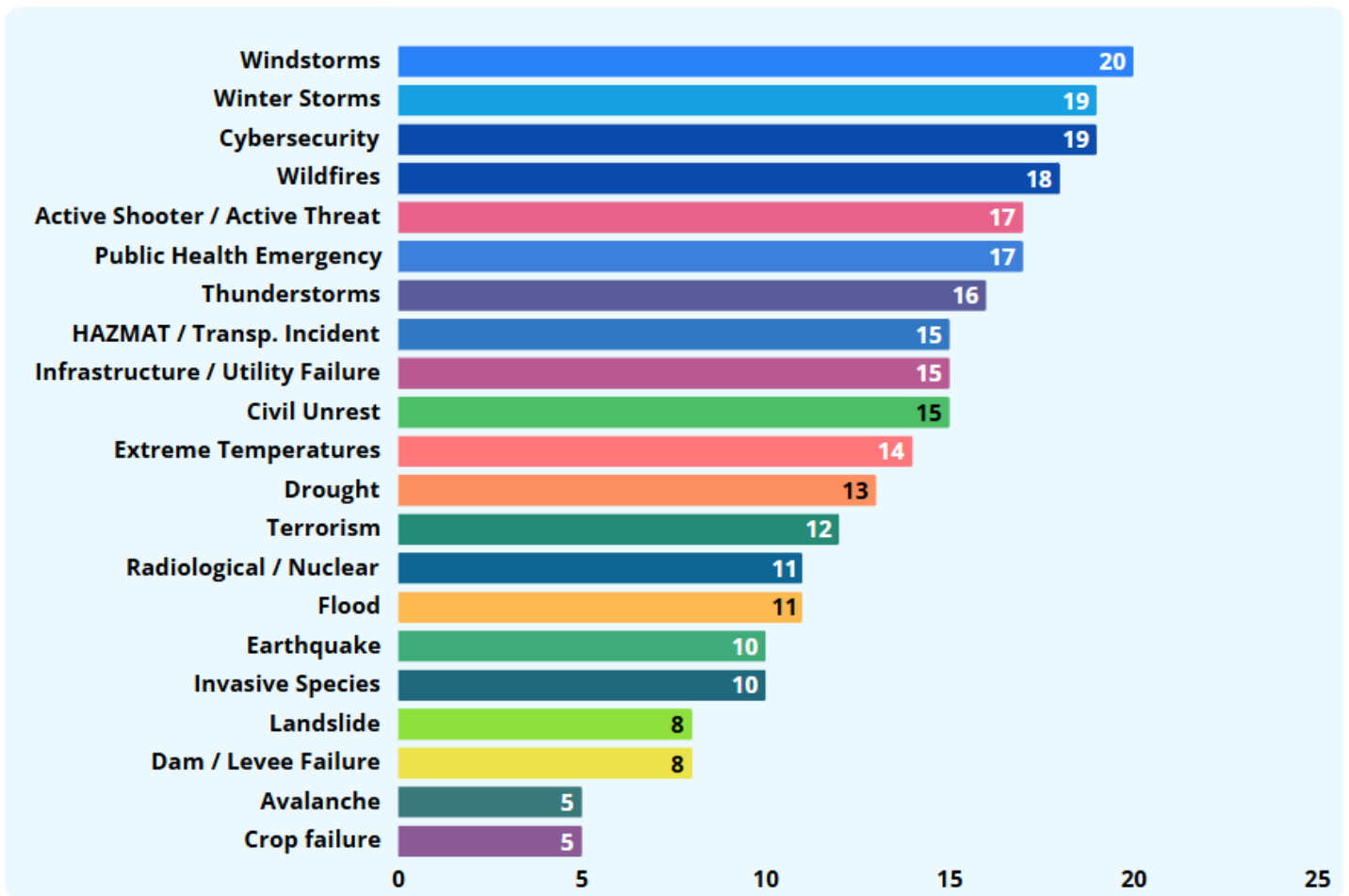


Figure 25-2 Hazard Risk Ranking Chart for City of Coeur d'Alene

## MITIGATION ACTION PLAN

Table 25-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 25-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
CdA-1		X		Ongoing project currently out to bid
CdA-2		X		Ongoing project currently out to bid
CdA-3		X		Ongoing
CdA-4		X		Need staff resources and funding to continue projects
CdA-5		X		Work with DEQ, KCSO to purchase more containment supplies, dock boxes, signage, etc...
CdA-6		X		Software upgrades, training for succession
CdA-7		X		Source grant funding, change standard drawings to require new install, code changes
CdA-8		X		More snow plows and operators
CdA-9	X			Last project currently happening
CdA-10	X			Coordinator has completed training
CdA-11		X		Code change, grant funds, training for evaluators, public education
CdA-12		X		Ongoing, urban forestry

Table 25-11 lists the initiatives that make up the City of Coeur d'Alene hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 25-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 25-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
<b>CdA - 1</b>	<i>Identify and then seek to reduce fuel loads on targeted public lands working with appropriate federal, state and local agencies.</i>						
	<b>Wildfire</b>	<b>1, 3, 5, 6</b>	<b>CDA</b>	<b>\$50,000</b>	<b>PDM, FMAP, WUI</b>	<b>SHORT TERM</b>	
<b>CdA - 2</b>	<i>Reduce the wild land fuel in public lands including Tubbs Hill and city parks.</i>						
	<b>Wildfire</b>	<b>1, 3, 5, 6</b>	<b>CDA</b>	<b>\$50,000</b>	<b>PDM, FMAP, WUI</b>	<b>SHORT TERM</b>	
<b>CdA - 3</b>	<i>Engage in localized public education and awareness of wild land fires and dry conditions for incoming tourists and campers.</i>						
	<b>Wildfire</b>	<b>1, 3, 5</b>	<b>CDA</b>	<b>\$0</b>	<b>LOCAL</b>	<b>SHORT TERM</b>	
<b>CdA - 4</b>	<i>If feasible, institute pre-storm mitigation on large tree canopy areas. Prune large canopy areas to reduce wind sails and remove hazard limbs and codominant stems.</i>						
	<b>Utility Failure</b>	<b>3, 4, 5, 6</b>	<b>CDA</b>	<b>Unknown</b>	<b>GRANT</b>	<b>SHORT TERM</b>	
<b>CdA - 5</b>	<i>Partner with the Idaho Department of Lands to develop spill control requirements for all new marinas on Lake Coeur d'Alene.</i>						
	<b>HAZMAT / Transportation</b>	<b>1, 2, 3, 4, 5, 9</b>	<b>CDA</b>	<b>\$0</b>	<b>LOCAL</b>	<b>SHORT TERM</b>	

**HAZARD MITIGATION PLAN MATRIX****TABLE 25-11**

<b>ACTION #</b>	<b>HAZARDS MITIGATED</b>	<b>OBJECTIVES</b>	<b>LEAD AGENCY</b>	<b>EST. COST</b>	<b>FUNDING SOURCE</b>	<b>TIMELINE</b>
<b>CdA - 6</b>	<i>Continue to maintain compliance and good standing under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:</i>					
		-				
		-				
		-				
	<b>Flood</b>	<b>3, 4, 5, 9</b>	<b>CDA</b>	<b>LOW</b>	<b>GENERAL FUND</b>	<b>ON GOING</b>
<b>CdA - 7</b>	<i>Promote the flagging of fire hydrants for identification in heavy snows.</i>					
	<b>Winter Storm</b>	<b>5, 6</b>	<b>CDA</b>	<b>\$0</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
<b>CdA - 8</b>	<i>Coordinate with local agencies to maintain public boat launch, docks, and routes of emergency access/egress clear of snow.</i>					
	<b>Winter Storm</b>	<b>5, 6</b>	<b>CDA</b>	<b>\$0</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
<b>*CdA - 9</b>	<i>*NEW* Assess need for back up generators at City Buildings.</i>					
	<b>All Hazards</b>	<b>3, 6</b>	<b>CDA</b>	<b>\$800,000</b>	<b>LOCAL, HMGP, STATE GRANTS</b>	<b>LONG TERM</b>
<b>*CdA - 10</b>	<i>*NEW* Hire evaluators and arborists to evaluate the health of the tree canopy and urban forest.</i>					
	<b>All Hazards</b>	<b>3, 5, 6, 8</b>	<b>CDA</b>	<b>\$5,000,000</b>	<b>LOCAL, HMGP, STATE GRANTS</b>	<b>ONGOING</b>
<b>CdA - 11</b>	<i>Get more WUI areas/neighborhoods within the City to become nationally recognized as FireWise Communities and benefit from the FireWise and FireSmart models.</i>					
	<b>Wildfire</b>	<b>1, 3, 4,5</b>	<b>CDA</b>	<b>\$0</b>	<b>LOCAL</b>	<b>ONGOING</b>
<b>CdA - 12</b>	<i>If possible, treat natural areas and WUI areas within CDA incorporated limits for Root Rot Disease, Bark Beetle infestations, and other invasive species/disease affecting these areas and creating high risk areas for fire.</i>					
	<b>Wildfire</b>	<b>3, 5, 7</b>	<b>CDA</b>	<b>UNKNOWN</b>	<b>GRANT 404 MITIGATION</b>	<b>LONG TERM</b>
<b>*CdA - 13</b>	<i>*NEW* Increase backup storage and security of City IT hardware and software.</i>					
	<b>Cybersecurity, Utility Failure, Civil Unrest, Terrorism</b>	<b>3, 6, 8</b>	<b>CDA</b>	<b>\$2,000,000</b>	<b>LOCAL, STATE GRANTS</b>	<b>ONGOING / SHORT TERM</b>
<b>*CdA - 14</b>	<i>*NEW* Replace aging Opti-com system, including personnel for support and installation.</i>					
	<b>All Hazards</b>	<b>1</b>	<b>CDA</b>	<b>\$2,000,000</b>	<b>LOCAL, HMGP, STATE GRANTS</b>	<b>MEDIUM TERM</b>
<b>*CdA - 15</b>	<i>*NEW* Purchase new riot gear and RTF needed equipment, replace old equipment as it expires.</i>					
	<b>Active Threat, Civil Unrest, Terrorism</b>	<b>3, 8</b>	<b>CDA</b>	<b>\$500,000</b>	<b>LOCAL, STATE GRANTS, DEPT. OF JUSTICE</b>	<b>ONGOING</b>

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 25-12

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
CdA-1	High	4	Medium	High	Exceeds
CdA-2	High	4	Medium	High	Exceeds
CdA-3	High	3	Low	High	Exceeds
CdA-4	Low	4	-	Low	Equals
CdA-5	Medium	6	Low	High	Exceeds
CdA-6	High	4	Low	Medium	Exceeds
CdA-7	Low	2	Low	High	Exceeds
CdA-8	Low	2	Low	High	Exceeds
CdA-9*	Medium	2	High	High	Equals
CdA-10*	High	4	High	Medium	Equals
CdA-11	High	4	Low	High	Exceeds
CdA-12	Medium	3	-	Medium	Equals
CdA-13*	High	3	High	High	Equals
CdA-14*	Medium	1	High	Medium	Equals
CdA-15*	High	2	High	Medium	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 26 CITY OF DALTON GARDENS ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Curt Jernigan  
6360 N 4th St  
Dalton Gardens, ID 83815  
Telephone: 208-772-3698  
mayor@daltongardens.com

#### ALTERNATE

Sandy McFarland  
6360 N 4th St  
Dalton Gardens, ID 83815  
Telephone: 208-772-3698  
clerk@daltongardens.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Dalton Gardens. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

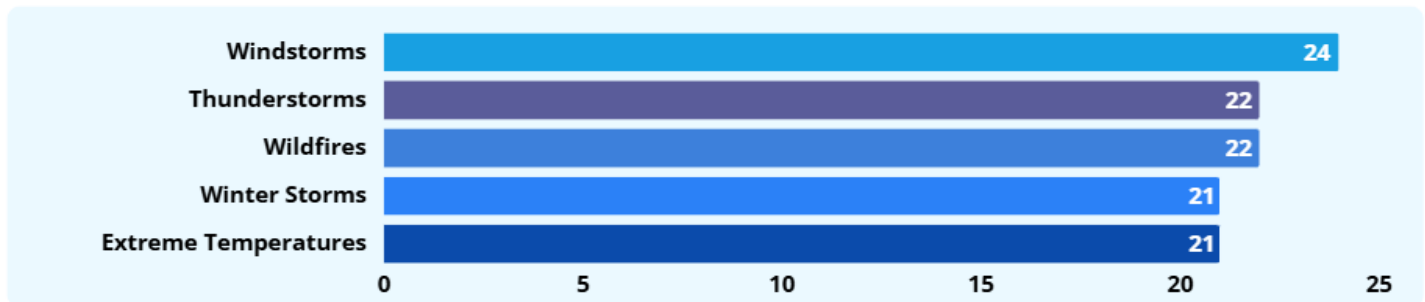


Figure 26-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 26-1
<b>CURRENT POPULATION</b>	<b>DATE OF INCORPORATION</b>	<b>POPULATION GROWTH</b>
<b>2,537</b> (2020 U.S. Census estimate)	1960	Increased by approximately 8.65% between 2020 and 2025

CRITICAL FACILITIES								TABLE 26-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
1	1	0	0	1	0	0	1	4

CRITICAL INFRASTRUCTURE						TABLE 26-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL	
0	0	0	0	0	0	

## OVERVIEW

The City of Dalton Gardens is surrounded by the City of Coeur d'Alene to the south and west, the City of Hayden to the north, and Canfield Mountain to the east. It includes the area from Prairie Avenue south to Dalton Avenue and from Government Way to 18th Street.

## BRIEF HISTORY

The name and settlement of Dalton Gardens date back to 1878 and the time of Fort Sherman, when Oscar F. Canfield settled in the area. The origin of the name Dalton is unknown. Dalton Gardens and Hayden Lake were known for its orchards and produce. In 1907 the Spokane and Inland Empire Railroad, an electric rail line, built a small depot at 4th Street and Hanley Avenue to provide freight and passenger service to the area. In the 1920s a large packing plant was built to process produce grown in the Dalton Gardens/Hayden Lake area while the electric line railroad provided freight service. A severe freeze, beginning October 31, 1935, killed all the cherry and many of the apple and pear trees in the area. Only a few farmers managed to survive.

## GOVERNING BODY FORMAT

Dalton Gardens is governed by Mayor-Council form of government. The City Council assumes responsibility for the adoption of this plan – Jill Ainsworth will oversee its implementation.

## DEVELOPMENT TRENDS

The city sees several building permits each year for new residences. There have been 2 new lots created by subdivision in the last 3 years. There are no large subdivisions currently planned or in the forecast for the City of Dalton Gardens. Municipal sewer has recently been constructed in the Commercial zoning district of Dalton Gardens. Future growth will be primarily infill development with small subdivisions of four lots or less. The City adopted a new Comprehensive Plan in 2019.

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 26-4. An assessment of fiscal capabilities is presented in Table 26-5. An assessment of administrative and technical capabilities is presented in Table 26-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 26-7. Classifications under various community mitigation programs are presented in Table 26-8.

LEGAL AND REGULATORY CAPABILITY		TABLE 26-4
CODES, ORDINANCES, & REQUIREMENTS	COMMENTS:	LOCAL AUTHORITY?
Building Code	2012 International Building Code and subsequent amendments	YES
Zoning Code	The Zoning Code is part of an overall Municipal Code. Amended at least annually.	YES
Subdivisions	The Subdivision Ordinance is part of an overall Municipal Code Ordinance #226 (2013)	YES
Stormwater Management	Part of an overall Municipal Code Ordinance (2018)	YES
Post-Disaster Recovery		NO
Real Estate Disclosure		NO
Growth Management		NO
Site Plan Review	Zoning Code Ordinance # 192 (2012)	YES
Public Health and Safety	Wildfire Protection Plan follows Kootenai County Community Wildfire Protection Plan	YES
Environmental Protection	Hillside Ordinance #166 (2012)	YES

**LEGAL AND REGULATORY CAPABILITY****TABLE 26-4**

<b>PLANNING DOCUMENTS</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	Comprehensive Plan – 2019 Plan mentions this mitigation plan	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>  <i>How often is the plan updated?</i>	Roads.  Capital Improvements Plan for Road Improvements (2014)	YES
Floodplain or Basin Plan	No flood plains in jurisdiction	NO
Stormwater Plan	City Code requirements (2018)	YES
Habitat Conservation Plan		NO
Economic Development Plan		NO
Shoreline Management Plan	No Shoreline	NO
Community Wildfire Protection Plan	Follows Kootenai County Community Wildfire Protection Plan	YES
<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan	2024 Kootenai County Emergency Operations Plan	YES
Threat & Hazard Identification & Risk Assessment	Follow Kootenai County Model	YES
Terrorism Plan	Will Follow Kootenai County Sheriff and OEM	YES
Post-Disaster Recovery Plan	Will follow Kootenai County OEM	YES
Continuity of Operations Plan	Will follow Kootenai County OEM	YES
Public Health Plan	Will follow Kootenai County OEM and Panhandle Health District	NO

**FISCAL CAPABILITY****TABLE 26-5**

<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	YES
<i>Capital Improvements Project Funding</i>	YES
<i>Authority to Levy Taxes for Specific Purposes</i>	YES
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	NO
<i>Incur Debt through General Obligation Bonds</i>	YES
<i>Incur Debt through Special Tax Bonds</i>	NO
<i>Incur Debt through Private Activity Bonds</i>	NO
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	NO
<i>State-Sponsored Grant Programs</i>	YES
<i>Development Impact Fees for Homebuyers or Developers</i>	NO
<i>Other</i>	-

ADMINISTRATIVE AND TECHNICAL CAPABILITY		TABLE 26-6
STAFF/PERSONNEL RESOURCES	AVAILABLE?	DEPARTMENT/AGENCY/POSITION
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Contract Planners and Engineers with experience
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Contract Engineers and Building Inspectors with experience
<i>Planners or engineers with an understanding of natural hazards</i>	YES	Contract Planners and Engineers with experience
<i>Staff with training in benefit/cost analysis</i>	YES	City Employees and Contractors
<i>Surveyors</i>	YES	Contract Surveyor with experience
<i>Personnel skilled or trained in GIS applications</i>	YES	Contract Engineers with experience
<i>Scientist familiar with natural hazards in local area</i>	YES	Contract Engineers with experience or hire out
<i>Emergency manager</i>	NO	Will utilize Kootenai County OEM
<i>Grant writers</i>	YES	Contractors with experience

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE	TABLE 26-7
<i>What local department is responsible for floodplain management?</i>	Contract Planner
<i>Who is your floodplain administrator? (department/position)</i>	None
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	No
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	None
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	None
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i> – <i>If so, please state what they are.</i>	N/A
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i> – <i>If no, please state why.</i>	
<i>Does your floodplain management staff need any assistance or training to support its floodplain management program?</i> – <i>If so, what type of assistance/training is needed?</i>	Zone X
<i>Does your jurisdiction participate in the Community Rating System (CRS)?</i> – <i>If so, is your jurisdiction seeking to improve its CRS Classification?</i> – <i>If not, is your jurisdiction interested in joining the CRS program?</i>	

The City of Dalton Gardens is a participating community in the National Flood Insurance Program (NFIP). The City does not currently contain mapped Special Flood Hazard Areas; therefore, active floodplain regulation is not required at this time. In the event floodplain areas are identified in the future, floodplain management would be implemented in coordination with Kootenai County using NFIP-compliant standards. This approach ensures NFIP participation while avoiding unnecessary regulatory administration in the absence of mapped floodplains.

**COMMUNITY CLASSIFICATIONS****TABLE 26-8**

	<b>PARTICIPATING?</b>	<b>CLASSIFICATION</b>	<b>DATE CLASSIFIED</b>
<i>Community Rating System</i>	NO	-	-
<i>Building Code Effectiveness Grading Schedule</i>	NO	-	-
<i>Public Protection - Fire Insurance Rating</i>	YES	3	March 2011
<i>Storm Ready</i>	NO	-	-
<i>Firewise</i>	NO	-	-

**JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY**

Table 25-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

**NATURAL HAZARD EVENTS****TABLE 26-9**

<b>TYPE OF EVENT</b>	<b>EVENT DESCRIPTION / FEMA DISASTER #</b>	<b>DATE</b>	<b>PRELIMINARY DAMAGE ASSESSMENT</b>
<b>Volcanic Ash Fall</b>	-	5/22/1980	-
<b>Ice Storm 1996</b>	-	1996	-
<b>2008-2009 winter</b>	-	2009	-

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

**COMMUNITY CHALLENGES**

- Risk of Wildfire on Canfield
- Water Supply Interruption
- Prolonged Power Outage
- Interruption of Fuel Sources
- Funding
- Staff
- Equipment

**HAZARD RISK RANKING**

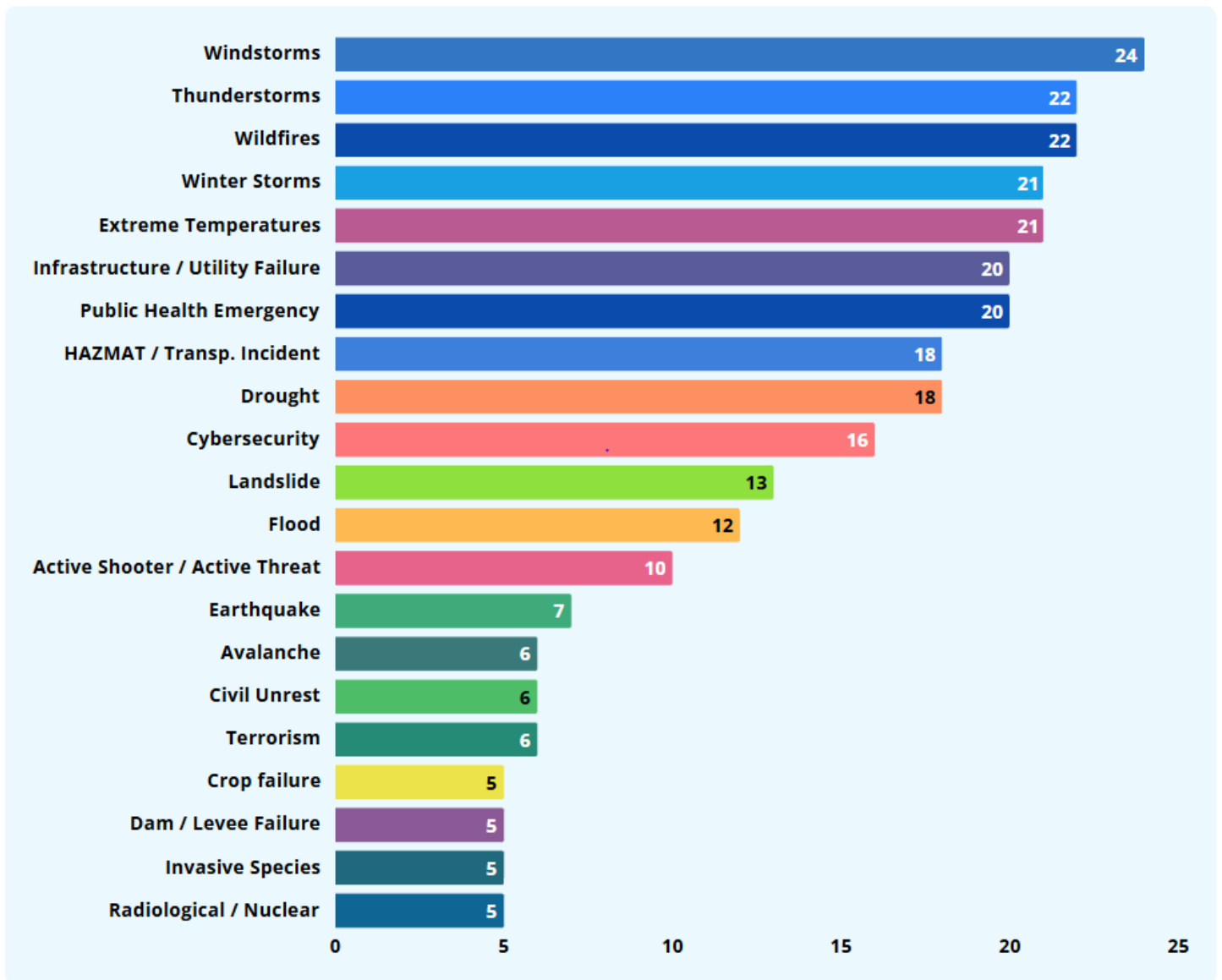


Figure 26-2 Hazard Risk Ranking Chart for City of Dalton Gardens

## MITIGATION ACTION PLAN

Table 26-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 26-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
D-1		X		Ongoing, will create dedicated page on City Website with details
D-2		X		Ongoing, coordinating with schools and residents
D-3		X		Ensure all hydrants have an attached location flag
D-4		X		Inform residents of fuel management and safe practices for storage and use
D-5		X		Work with KCFR to update website
D-6		X		Continue to update website devoted to topic
D-7		X		Develop Plan and have approved by council, publish on website

Table 26-11 lists the initiatives that make up the City of Dalton Gardens hazard mitigation action plan, including new mitigation initiatives (*New initiatives will have \* next to the action number*). Table 26-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 26-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
D-1	<i>Create a web page on the City website providing information to residents on procedures to shelter-in-place.</i>					
	HAZMAT / Transportation	1, 3	CITY	\$1000	LOCAL	SHORT TERM
D-2	<i>Promote disaster preparedness by citizens of your municipality.</i>					
	All Hazards	1, 3	CITY	\$0	LOCAL	SHORT TERM
D-3	<i>Promote the flagging of fire hydrants for quick location in heavy snow</i>					
	Severe Weather	3, 5	CITY	\$0	LOCAL	SHORT TERM
D-4	<i>Promote the reduction of hazardous fuel loads on both public and privately owned lands.</i>					
	Wildfire	1, 3	CITY	\$0	LOCAL, WSFG, CWPP, GRANT, FMAP	SHORT TERM
D-5	<i>Create a web page on the City web site regarding recommended actions to prevent wildfire and list evacuation instructions (persons and animals).</i>					
	Wildfire	1, 3, 4, 5	CITY	\$1000	LOCAL	SHORT TERM
D-6	<i>Post a web page on the City's web site regarding the dangers and recommended actions to take in the event of a volcanic ash fall.</i>					
	Earthquake, Ash Fall	1, 3	CITY	\$0	LOCAL	SHORT TERM

HAZARD MITIGATION PLAN MATRIX

TABLE 26-11

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
D-7	<i>Create Continuity of Operations Plans (COOP) to provide continued government services during and following disasters.</i>					
	All Hazards	1, 3, 4, 5, 6, 7	CITY	\$500	LOCAL	SHORT TERM
D-8*	<i>*NEW* Work with Local Fire Districts to educate residents about the importance of fuel breaks and hazards from Canfield Mountain.</i>					
	Wildfire	1, 3, 4, 5	CITY	LOW	LOCAL, HMGP, STATE GRANTS	MEDIUM TERM
D-9*	<i>*NEW* Acquire equipment, supplies, and staff to respond to and recover from Thunderstorms and improve communications.</i>					
	Thunderstorm	1, 3, 5, 6	CITY	\$75,000	LOCAL, HMGP, STATE GRANTS	MEDIUM TERM
D-10*	<i>*NEW* Improve infrastructure to be more resilient in a windstorm. Educate the public on windstorm preparedness</i>					
	Windstorm	1, 3, 4, 5	CITY	\$75,000	LOCAL, HMGP, STATE GRANTS	MEDIUM TERM
D-11*	<i>*NEW* Identify cooling / warming shelters for vulnerable populations,</i>					
	Extreme Temperature	1, 2, 5	CITY	LOW	LOCAL, HMGP, STATE GRANTS	MEDIUM TERM
D-12*	<i>*NEW* Harden infrastructure, grid resilience, and public communications in the event of utility failure.</i>					
	Utility Failure	1, 3, 4, 5, 6	CITY	\$150,000	LOCAL, HMGP, STATE GRANTS	MEDIUM TERM

MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 26-12

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
D-1	Medium	2	Low	Medium	Exceeds
D-2	Medium	2	Low	Medium	Exceeds
D-3	High	2	Low	High	Exceeds
D-4	Medium	2	Low	Medium	Equals
D-5	Medium	4	Low	Medium	Exceeds
D-6	Medium	2	Low	Medium	Exceeds
D-7	Medium	6	Low	Low	Equals
D-8*	High	4	Low	Medium	Exceeds
D-9*	High	4	High	High	Equals
D-10*	High	4	High	High	Equals
D-11*	High	3	Low	Medium	Exceeds
D-12*	High	5	High	High	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 27

# CITY OF FERNAN LAKE VILLAGE ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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#### ALTERNATE

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Fernan Lake Village. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

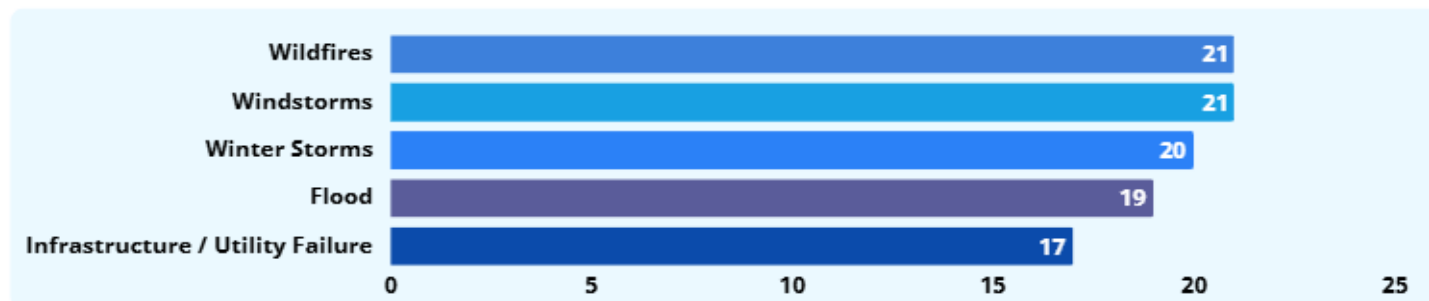


Figure 27-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 27-1
<b>CURRENT POPULATION</b>	<b>DATE OF INCORPORATION</b>	<b>POPULATION GROWTH</b>
162 (2023 U.S. Census estimate)	1957	The population of Fernan Lake Village remains relatively constant.

CRITICAL FACILITIES								TABLE 27-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
1	0	0	0	0	0	0	0	1

CRITICAL INFRASTRUCTURE					TABLE 27-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL
0	0	0	0	0	0

## OVERVIEW

The City of Fernan Lake Village is located in Kootenai County on the northwest shores of Fernan Lake. The topography of the City of Fernan Lake Village is generally flat, with some sloping grades near the shoreline. The area afforded good building sites and few natural hazards for development. The southwestern portion of Fernan Addition near Interstate 90 and the County dock is the only area where ground contours vary more than several feet and mild slopes are present. A small nob or hill rises from the lake in this area and an irregular and bumpy topography is evident.

The Fernan Lake quadrangle is located at the edge of the Rathdrum Prairie and the Coeur d’Alene Mountains. Elevations range from 2,238 feet at the average pool of Coeur d’Alene Lake to over 4,000 feet in the Coeur d’Alene Mountains. Both Fernan and Coeur d’Alene lakes are dammed by glacial flood gravels and provide substantial subsurface recharge to the Rathdrum aquifer. The mountains surrounding the lake on the north and east are composed of Precambrian Belt Super group siltites, argillites, and quartzites. The Osburn fault trends northwest through the quadrangle. It is the local extension of the western end of the Lewis Clark Line, a major crustal fault zone. The plateau west of the lake is underlain by Miocene lavas of the Columbian River Basalt Group. Most of the plateau is covered by ancient soils preserved since the Miocene and exhumed by erosion mainly from the catastrophic Pleistocene flood from glacial Lake Missoula (Surficial Geological Map of the Fernan Lake Quadrangle).

## BRIEF HISTORY

“The Fernan Lake Village area was homesteaded by John Fernan, one of the first soldiers to be stationed at Fort Sherman.” Sometime in the late 1930s, Sam Theis bought the property, “Mr. and Mrs. Theis occupied the former Fernan Lake Village home for some time and after selling it, converted the former stable into a comfortable residence” where Mr. Theis had his saddle shop. He also rented boats on the lake, raised a few horses, and during World War II, he had a huge “Victory garden” in rich soil. “When Theis filled his first Plat (Block 1) he included only 15 lots along the lakeshore.” In December of 1954 he filed a new plat to include 40 adjoining lots.

The plat is titled “Theis Subdivision- Block – 2, 3, 4, 5, and 6,” and bears a dedication, signed by Mr. and Mrs. Theis on December 1, 1954; a Certificate and Acknowledgement, signed and dated December 4, 1954; a Certificate of Approval, signed by Mr. Lunden, Board of County Commissioners for Kootenai County, dated December 4, 1954; and a Certificate of Approval –City Council, City of Coeur d’Alene, signed December 6, 1954 by Elmer Soniville, City Engineer and J.R. Wilcox, City Clerk. When Mr. Theis took his approved plat to the Coeur d’Alene City Council in 1955, asking that the area be annexed by the city, annexation did not occur. Several times between 1955 and 1957, Mr. Theis tried to have the area annexed.

By 1957 there were several homes built in the Fernan Lake Village area, and on May 20, 1957, 32 residents petitioned the Board of County Commissioners for incorporation of the “Village of Fernan Lake.” The City of Coeur d’Alene questioned validity of the Commissioners’ actions; an appeal to the district court was dismissed; and the dismissal later was upheld by the Idaho Supreme Court. The order creating Fernan Lake Village by the commissioners was signed on July 15, 1957.

## GOVERNING BODY FORMAT

Fernan Lake Village is governed by a Council-Mayor form of government. The City Council assumes responsibility for the adoption and implementation of this plan.

Fire protection is provided by a mutual aid agreement with Kootenai Fire and Rescue. City water is purchased on an individual subscriber basis from the City of Coeur d’Alene. City Sewer System is owned by the City of Fernan Lake Village. There is a negotiated agreement with the City of Coeur d’Alene for wastewater treatment and disposal. Children living in Fernan Lake Village attend Coeur d’Alene Public Schools.

## DEVELOPMENT TRENDS

The City of Fernan Lake Village is a small community with limited land uses. Land use is primarily single family residential with four commercial lots facing Coeur d'Alene Lake Drive. Two of these are empty and two have motels on them. Any new development in the City is likely to occur in a manner that preserves and maintains the suburban residential tranquility of the area.

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 27-4. An assessment of fiscal capabilities is presented in Table 27-5. An assessment of administrative and technical capabilities is presented in Table 27-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 27-7. Classifications under various community mitigation programs are presented in Table 27-8.

LEGAL AND REGULATORY CAPABILITY		TABLE 27-4
CODES, ORDINANCES, & REQUIREMENTS	COMMENTS:	LOCAL AUTHORITY?
Building Code	Ordinance#142 (10/6/2003) IBC and Ordinance# 139	YES
Zoning Code	City of Fernan Lake Village Comprehensive Plan (2012)	YES
Subdivisions	Theis Subdivision	YES
Stormwater Management	Fernan Lake Village City Ordinance #137, development code and building codes; Fernan Lake Village City Com Plan, Chap 9 Public Utilities	YES
Post-Disaster Recovery		NO
Real Estate Disclosure	Required by Title 55, Chap 25 Idaho Code by seller upon sale of their residential property	NO
Growth Management	City built out with the exception of 1 residential lot; growth very limited with negligible impact	YES
Site Plan Review	Chapter 13 City of Fernan Lake Village Comprehensive Plan (2012)	YES
Public Health and Safety		NO
Environmental Protection	Chapter 7 Natural Resources City of Fernan Lake Village Comprehensive Plan (2012); Provides basic guidelines on developing plans and programs pertaining to Environmental protection within the City	YES
PLANNING DOCUMENTS	COMMENTS:	LOCAL AUTHORITY?
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	City of Fernan Lake Village Comprehensive Plan (2012); Provides basic guidelines on developing plans and programs to address possible impact of hazardous conditions (e.g., flooding)	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>	N/A.	NO
<i>How often is the plan updated?</i>		
Floodplain or Basin Plan	Ordinance #65, Flood Damage Prevention Ordinance (4/5/2010); NFIP #160079 (2/7/1982)	YES
Stormwater Plan	Fernan Lake Village City Ordinance #137, development code and building codes; Streets have dry wells for storm runoff and ordinance states any new building to follow county codes.	YES

LEGAL AND REGULATORY CAPABILITY		TABLE 27-4
Habitat Conservation Plan	Chapter 7 City of Fernan Lake Village Comprehensive Plan, (2012); Provides basic guidelines on developing plans and programs pertaining to wildlife issues within the City.	YES
Economic Development Plan	Chapter 5 City of Fernan Lake Village Comprehensive Plan, (2012); Provides basic guidelines on developing plans and programs pertaining to economic conditions and development within the City	YES
Shoreline Management Plan		NO
Community Wildfire Protection Plan	To be developed based on future Smart Fire assessment; City Comp Plan Chapter 8 Hazard areas and Sites.	NO
<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan		NO
Threat & Hazard Identification & Risk Assessment	Included in this plan as this is our first attempt to make this assessment; Chapter 8 City of Fernan Lake Village Comprehensive Plan (2012) also Provides basic guidelines on developing plans and programs pertaining to Hazardous areas within the City	YES
Terrorism Plan		NO
Post-Disaster Recovery Plan		NO
Continuity of Operations Plan		NO
Public Health Plan		NO

FISCAL CAPABILITY		TABLE 27-5
FINANCIAL RESOURCES	ACCESSIBLE / ELIGIBLE TO USE?	
<i>Community Development Block Grants</i>	NO	
<i>Capital Improvements Project Funding</i>	NO	
<i>Authority to Levy Taxes for Specific Purposes</i>	YES	
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	Yes, shared funding with the City of Coeur d'Alene	
<i>Incur Debt through General Obligation Bonds</i>	NO	
<i>Incur Debt through Special Tax Bonds</i>	NO	
<i>Incur Debt through Private Activity Bonds</i>	NO	
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	NO	
<i>State-Sponsored Grant Programs</i>	NO	
<i>Development Impact Fees for Homebuyers or Developers</i>	NO	
<i>Other</i>	-	

ADMINISTRATIVE AND TECHNICAL CAPABILITY		TABLE 27-6
STAFF/PERSONNEL RESOURCES	AVAILABLE?	DEPARTMENT/AGENCY/POSITION
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Hire local company as needed
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Contract city engineer
<i>Planners or engineers with an understanding of natural hazards</i>	YES	Contract city engineer
<i>Staff with training in benefit/cost analysis</i>	NO	Coordination with appropriate county agencies
<i>Surveyors</i>	NO	Hire local company as needed
<i>Personnel skilled or trained in GIS applications</i>	NO	Hire local company as needed
<i>Scientist familiar with natural hazards in local area</i>	NO	Coordination with county officials and city engineer
<i>Emergency manager</i>	NO	To be assigned in conjunction with city engineer
<i>Grant writers</i>	NO	Contract with outside agencies as needed.

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE	TABLE 27-7
<i>What local department is responsible for floodplain management?</i>	Contract Planner
<i>Who is your floodplain administrator? (department/position)</i>	City engineer
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	City engineer
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	NO
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	NFIP # 160079 (2/7/1982), Ordinance #165 (4/5/2010)
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i> – <i>If so, please state what they are.</i>	None
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i> – <i>If no, please state why.</i>	NO
<i>Does your floodplain management staff need any assistance or training to support its floodplain management program?</i> – <i>If so, what type of assistance/training is needed?</i>	N/A
<i>Does your jurisdiction participate in the Community Rating System (CRS)?</i> – <i>If so, is your jurisdiction seeking to improve its CRS Classification?</i> – <i>If not, is your jurisdiction interested in joining the CRS program?</i>	YES

COMMUNITY CLASSIFICATIONS			TABLE 27-8
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
<i>Community Rating System</i>	NO	Unknown	N/A
<i>Building Code Effectiveness Grading Schedule</i>	NO	Unknown	N/A
<i>Public Protection - Fire Insurance Rating</i>	NO	Unknown	N/A
<i>Storm Ready</i>	NO	Unknown	N/A
<i>Firewise</i>	NO	Unknown	N/A

## JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 27-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

NATURAL HAZARD EVENTS			TABLE 27-9
TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
<b>Volcanic ash fallout</b>	N/A	May 1980	Unknown
<b>Flood</b>	N/A	1982	Unknown
<b>Ice Storm</b>	N/A	1996	Unknown
<b>Flood</b>	N/A	Mar 2011	Unknown
<b>Wind</b>	N/A	Jul 2014	Unknown

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## COMMUNITY CHALLENGES

- Lack of Funding for Capital Improvements

## ADDITIONAL COMMENTS

The City is dependent upon the resources provided and available through Kootenai County agencies, County Fire District and East Side Highway District of Kootenai County. Services in support of water and sewer are dependent upon the City of Coeur d'Alene. We assume the hazard "Dam Failure" pertains to the dams on the Spokane River. Any failures should have no direct impact on the City of Fernan Lake Village. The hazard "Avalanche" is also noted but the topography of the city does not lend itself to an avalanche situation. Additional ordinances and procedures based on applicability to the situation may need to be developed or existing documents refined to address specific objectives for this mitigation plan. Progress will be reported in the required updates as appropriate.

**HAZARD RISK RANKING**

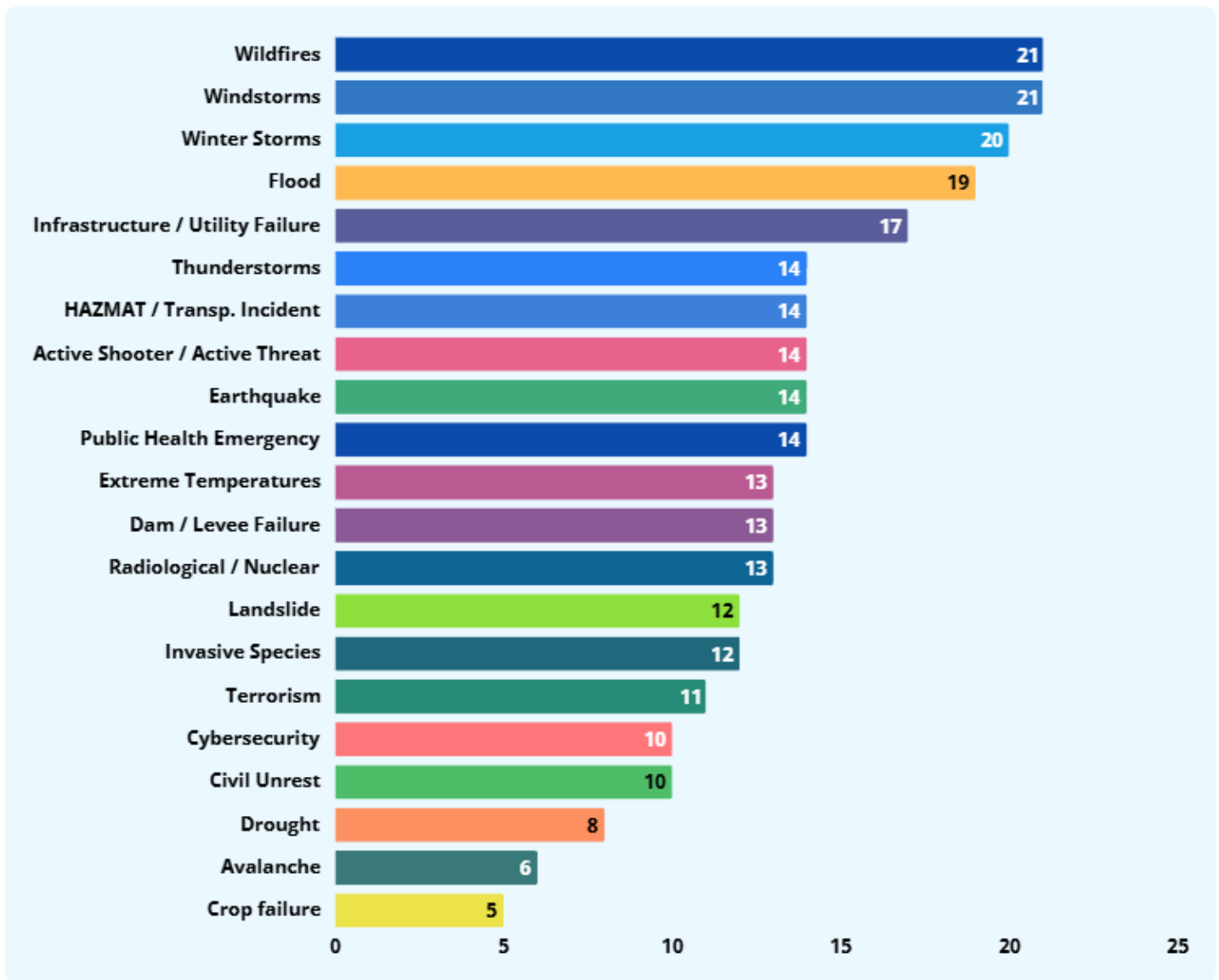


Figure 27-2 Hazard Risk Ranking Chart for City of Fernan Lake Village

## MITIGATION ACTION PLAN

Table 27-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 27-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
FV-1		X		Currently in the process of development with Council
FV-2		X		Planned for development this fall
FV-3		X		Planned for development next spring
FV-4		X		Assessing scope and budget
FV-5		X		Planned for review this winter
FV-6		X		Need to review requirements and how we should proceed
FV-7		X		Plan to develop this fall and winter
FV-8		X		Will address in the future
FV-9		X		Plan to develop next spring
FV-10		X		Need to review requirement and what is needed to proceed
FV-11		X		Need to review requirements to confirm we are in compliance

Table 27-11 lists the initiatives that make up the City of Fernan Lake Village hazard mitigation action plan, including new mitigation initiatives (*New initiatives will have \* next to the action number*). Table 27-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 27-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
FV - 1	<i>Develop plans and ordinances to identify actions to be taken during severe storm situations to include rain, snow and wind.</i>					
	<b>Severe Storms</b>	<b>1, 3, 5</b>	<b>CITY</b>	<b>LOW</b>	<b>PDM, LOCAL</b>	<b>SHORT TERM</b>
FV - 2	<i>Promote disaster preparedness by citizens within the residential and commercial zones of the city. Consider participation in the Building Code Effectiveness Grading Schedule.</i>					
	<b>Earthquake, Flood, Wildfire, Severe Weather</b>	<b>1, 3</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
FV - 3	<i>Create continuity of operations plans (COOP) to provide continued government services and coordination during disaster situations.</i>					
	<b>All Hazards</b>	<b>1, 2, 3, 4, 5, 6</b>	<b>CITY</b>	<b>LOW</b>	<b>PDM</b>	<b>SHORT TERM</b>
FV - 4	<i>Develop a mitigation plan for floods that occur as a result of winter runoff to include emergency septic system operation and check-dam operation.</i>					
	<b>Flood</b>	<b>1, 3, 5</b>	<b>CITY</b>	<b>LOW</b>	<b>PDM</b>	<b>SHORT TERM</b>

HAZARD MITIGATION PLAN MATRIX						TABLE 27-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
FV - 5	<i>Review and take appropriate actions to ensure compliance with the National Flood Insurance Program.</i>					
	Flood	3, 4	CITY	LOW	PDM	SHORT TERM
FV - 6	<i>Assess the danger of wildfire within the city and Fire Smart actions that could be taken. Consider obtaining a Fire Insurance Rating.</i>					
	Wildfire	3, 5, 6	CITY	LOW	PDM, WUI, FMAP	SHORT TERM
FV - 7	<i>Provide public education regarding a) recommended actions to prevent wildfire, b) emergency procedures, and c) evacuation instructions</i>					
	Wildfire	1, 3	CITY	LOW	PDM	SHORT TERM
FV - 8	<i>Develop plans and procedures for conservation of resources during drought conditions.</i>					
	Drought	1, 3, 5	CITY	LOW	PDM	SHORT TERM
FV - 9	<i>Provide information on the city web site pertaining disaster situation and mitigation procedures.</i>					
	All Hazards	1, 3	CITY	LOW	PDM	SHORT TERM
FV - 10	<i>Increase public awareness of natural hazards and improve appropriate preparation for and response to such hazards. Consider identifying categories and participating in the Community Classification process during the next plan cycle.</i>					
	All Hazards	1, 3	CITY	LOW	PDM	SHORT TERM
FV - 11	<i>Continue to maintain compliance and good standing under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:</i>					
	<ul style="list-style-type: none"> <li>- Enforcement of the adopted flood damage prevention ordinance</li> <li>- Participating in floodplain identification and mapping updates</li> <li>- Providing public assistance/information on floodplain requirements and impacts.</li> </ul>					
	Flood	3, 4, 5, 6	CITY	LOW	LOCAL	SHORT TERM
FV - 12*	<i>*NEW* Provide a portable generator connection to each Wastewater Lift Station.</i>					
	All Hazards	3, 5, 6	CITY	\$50,000	UNKNOWN	MEDIUM TERM
FV - 13*	<i>*NEW* Replace heavy steel hardware with aluminum hardware at the dam to allow easier operation and permit quicker changes in the event of an unexpected flood.</i>					
	Flood, Winter Weather, Dam / Levee Failure	3, 6	CITY	\$7,500	LOCAL, UNKNOWN	SHORT TERM
FV - 14*	<i>*NEW* Develop educational material for the community and resident raising awareness for fire storms, floods, and severe storms.</i>					
	Wildfire, Severe Storms, Flood	1, 3, 5	CITY	\$2,000	LOCAL, UNKNOWN	SHORT TERM
FV - 15*	<i>*NEW* Develop a plan / ordinance to address emergency procedures and notification.</i>					
	All Hazards	1, 3, 4	CITY	\$3,000	LOCAL	SHORT TERM
FV - 16*	<i>*NEW* Purchase a generator to establish back up power for emergency operations.</i>					
	All Hazards	3, 5, 6	CITY	\$6,000	LOCAL, STATE GRANTS, UNKNOWN	MEDIUM TERM

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 27-12

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
FV-1	High	3	Low	Medium	Exceeds
FV-2	High	2	Low	Low	Equals
FV-3	High	6	Low	Medium	Exceeds
FV-4	Medium	3	Medium	Medium	Equals
FV-5	High	2	Low	Low	Equals
FV-6	High	3	Low	Low	Equals
FV-7	High	2	Low	Medium	Exceeds
FV-8	Medium	3	Low	Medium	Exceeds
FV-9	High	2	Low	Low	Equals
FV-10	Medium	2	Low	Low	Equals
FV-11	High	4	Low	Medium	Exceeds
FV-12*	High	3	High	High	Equals
FV-13*	High	2	Medium	Medium	Equals
FV-14*	Medium	3	Low	Low	Equals
FV-15*	High	3	Low	Medium	Exceeds
FV-16*	High	3	Low	High	Exceeds

See the introduction to this Volume for explanation of priorities.

## CHAPTER 28 CITY OF HARRISON ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Harrison. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

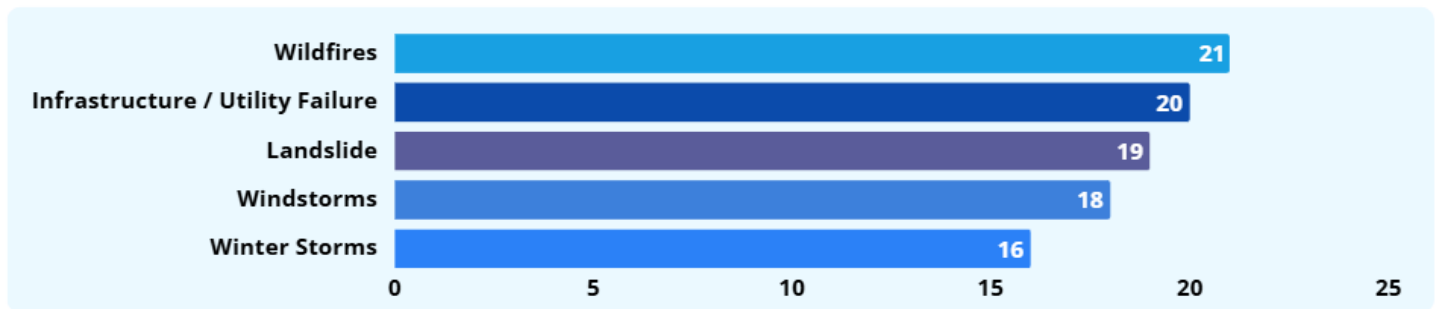


Figure 28-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 28-1
<b>CURRENT POPULATION</b>	<b>DATE OF INCORPORATION</b>	<b>POPULATION GROWTH</b>
<b>243</b> (2023 U.S. Census estimate)	1899	Decreased by approximately -0.9% percent from 2020 to 2025 (U.S. Census estimate)

CRITICAL FACILITIES								TABLE 28-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
1	0	5	0	6	0	0	0	12

CRITICAL INFRASTRUCTURE					TABLE 28-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL
0	6	3	0	0	9

## OVERVIEW

The City of Harrison is a community of approximately 300 citizens and is located in the southeast portion of Kootenai County. Harrison is a lake front community with a mix of commercial and residential uses. It is bisected by Highway 97 and a portion of the residential district is “stepped” into the hillside to the east. Slopes are relatively steep. The primary aspect of the area is timbered; however, closer to Highway 3, there are plateaus (Harrison Flats) and rolling hills of grazing lands and small pockets of hay production.

According to the United States Census Bureau, the city has a total area of 0.76 square miles (1.97 square kilometers), of which 0.69 square miles (1.79 square kilometers) is land and 0.07 square miles (0.18 square kilometers) is water. Harrison is located 28 miles (45 km) south of Interstate 90 on the Lake Coeur d’Alene Scenic Byway, Highway 97. The Coeur d’Alene River flows into Lake Coeur d’Alene on Harrison’s northern edge. The lower reaches of the river’s valley are filled with smaller lakes, and as such water dominates much of the local geography. The Saint Joe Mountains of the Bitterroot Range rise high above the flat lakes around Harrison.

## BRIEF HISTORY

The Crane family first settled in Harrison in 1890. Incorporated in 1899, Harrison is located on a one-mile strip carved out of the Coeur d’Alene Tribe’s Reservation by a bill signed by President Harrison on the night of March 4th, 1891.

Passengers arrived on the Oregon Railway and Navigation Company railroad and by steamboat. Harrison prospered as a gateway to the Coeur d’Alene mining district and the development of timber and farming interests up the St. Joe’s and St. Maries rivers. The 1911 city directory reported a population of 1,250; named lumber, farming, and mining as its main industries; and listed four churches, numerous fraternal organizations, two hotels, a weekly newspaper, and both a high school and grade school. Numerous sawmills lined the waterfront where they turned out lumber, shingles, and material for boxes.

On the morning of Saturday, July 24th 1917, a fire broke out at the Grant Lumber Company. Driven by high winds, the fire burned for two days and destroyed nearly 30 residences, sawmills and the business district. Much of the town was never rebuilt.

## GOVERNING BODY FORMAT

The City is governed by a mayoral/council form of government with 6 City Council Members and a Mayor all of which are elected to 4 year terms. This body will assume the responsibility for the implementation and adoption of this plan. Services provided by the City include: Planning and Zoning, Parks and Recreation and Urban Renewal.

## DEVELOPMENT TRENDS

In the last five years, the City of Harrison has annexed three major areas into the city limits. The areas are undeveloped for now, but one day may hold upwards of 300 homes. The City’s need for infrastructure will increase as these areas become populated.

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 28-4. An assessment of fiscal capabilities is presented in Table 28-5. An assessment of administrative and technical capabilities is presented in Table 28-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 28-7. Classifications under various community mitigation programs are presented in Table 28-8.

<b>LEGAL AND REGULATORY CAPABILITY</b>		<b>TABLE 28-4</b>
<b>CODES, ORDINANCES, &amp; REQUIREMENTS</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Building Code	International Building Code (2018), Ordinance #488, 44; Harrison City Code 8-1-2	YES
Zoning Code	Ordinance #341 (9/10/96); Harrison City Code 9-2-2	YES
Subdivisions	Idaho Code 67-65 Ordinance #381 (8/29/02)	YES
Stormwater Management	City code 1983, 13-32	YES
Post-Disaster Recovery		NO
Real Estate Disclosure	City Code 9-6-5B	YES
Growth Management	Ordinance #44 (12/7/10)	YES
Site Plan Review	Ordinance #409; Harrison City Code 8-4	YES
Public Health and Safety	Harrison City Code 3-1-2	YES
Environmental Protection	Idaho Department of Environmental Quality has oversight	YES
<b>PLANNING DOCUMENTS</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	City of Harrison Comprehensive Plan (2025)	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i> <i>How often is the plan updated?</i>	The Harrison City Plan is more than 5 years old and we plan to write a new one as part of or mitigation items  The City of Harrison Transportation Plan was adopted in 2012/ City received Grant in 2024 and its currently being updated	YES
Floodplain or Basin Plan	Ordinance #435 (5/3/2010) also NFIP # 160080 8/3/84	YES
Stormwater Plan		NO
Habitat Conservation Plan		NO
Economic Development Plan	The city of Harrison has an economic development committee, Urban Renewal Plan Ordinance #440 which entails economic development adopted in 2022	YES
Shoreline Management Plan	Planning and Zoning and flood Damage prevention Ordinance (5/3/2010)	YES
Community Wildfire Protection Plan	The City of Harrison works with St. Maries Fire District in developing a Firewise community	YES
<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan	Partner of Kootenai County plan	YES
Threat & Hazard Identification & Risk Assessment	Partner of Kootenai County plan	YES
Terrorism Plan	Partner of Kootenai County plan	YES
Post-Disaster Recovery Plan	Partner of Kootenai County plan	YES
Continuity of Operations Plan		NO
Public Health Plan	Public Health concerning water and sewer are overseen by the city ordinances	YES

<b>FISCAL CAPABILITY</b>		<b>TABLE 28-5</b>
<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>	
<i>Community Development Block Grants</i>	YES	
<i>Capital Improvements Project Funding</i>	NO	
<i>Authority to Levy Taxes for Specific Purposes</i>	YES	
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	YES	
<i>Incur Debt through General Obligation Bonds</i>	YES	
<i>Incur Debt through Special Tax Bonds</i>	YES	
<i>Incur Debt through Private Activity Bonds</i>	NO	
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	YES	
<i>State-Sponsored Grant Programs</i>	YES	
<i>Development Impact Fees for Homebuyers or Developers</i>	YES	
<i>Other</i>	YES	

<b>ADMINISTRATIVE AND TECHNICAL CAPABILITY</b>			<b>TABLE 28-6</b>
<b>STAFF/PERSONNEL RESOURCES</b>	<b>AVAILABLE?</b>	<b>DEPARTMENT/AGENCY/POSITION</b>	
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Planning and zoning Committee	
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Contract Building Inspector	
<i>Planners or engineers with an understanding of natural hazards</i>	YES	City Engineer/HMH Engineering Planning and Zoning Committee	
<i>Staff with training in benefit/cost analysis</i>	YES	Public Works Department	
<i>Surveyors</i>	YES	City Engineer/ HMH Engineering	
<i>Personnel skilled or trained in GIS applications</i>	YES	City Engineer/ HMH Engineering	
<i>Scientist familiar with natural hazards in local area</i>	NO		
<i>Emergency manager</i>	YES	Public Works/St Maries Fire Chief	
<i>Grant writers</i>	YES	City Engineer/ HMH Engineering	

<b>NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE</b>	<b>TABLE 28-7</b>
<i>What local department is responsible for floodplain management?</i>	Building Official
<i>Who is your floodplain administrator? (department/position)</i>	Building Official
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	Building Official
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	Ordinance #435 (5/3/2010)
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	Unknown
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i>	NO
<i>– If so, please state what they are.</i>	N/A

Do your flood hazard maps adequately address the flood risk within your jurisdiction? – If no, please state why.	YES N/A
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?	YES Sand and Sandbags
Does your jurisdiction participate in the Community Rating System (CRS)? – If so, is your jurisdiction seeking to improve its CRS Classification? – If not, is your jurisdiction interested in joining the CRS program?	NO N/A Not at this time

**COMMUNITY CLASSIFICATIONS****TABLE 28-8**

	<b>PARTICIPATING?</b>	<b>CLASSIFICATION</b>	<b>DATE CLASSIFIED</b>
Community Rating System	NO	N/A	N/A
Building Code Effectiveness Grading Schedule	NO	10/10	N/A
Public Protection - Fire Insurance Rating	YES	5/8	6/2014
Storm Ready	NO	N/A	N/A
Firewise	YES	N/A	N/A

**JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY**

Table 28-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

**NATURAL HAZARD EVENTS****TABLE 28-9**

<b>TYPE OF EVENT</b>	<b>EVENT DESCRIPTION / FEMA DISASTER #</b>	<b>DATE</b>	<b>PRELIMINARY DAMAGE ASSESSMENT</b>
Heavy Rain and flooding	DR-186	12/31/1964	-
Severe Storms, Snowmelt, Flooding	DR-415	01/25/1974	-
Volcanic Eruption Mt. St Helens	DR-624	05/22/1980	-
Storms Flooding	DR-1102	02/11/1996	-
Severe Storms, Flooding	DR-1154	02/2021	-
Flood	DR-1177	06/13/1997	-
Flooding	DR-1987	07/23/2008	-
Landslide	-	04/2008	\$5,000
Winter Weather	-	2008	-

NATURAL HAZARD EVENTS			TABLE 28-9
Winter Weather/ Flooding, Landslide	-	2009	-
Flooding	-	2010	-
Landslide	-	2010	-
Winter Weather	-	2010	-
Landslide	-	2011	-
Heavy Snow	7 in. of snow overnight	12/19/2016	-

Repetitive 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-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated	0

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas:

**Wildfire, Pandemics:** There is a need within the City for education regarding these hazards.

**Landslides:** There have been several landslides within the jurisdiction.

**Infrastructure Failure:** The water and wastewater systems within the City are old and may be at risk.

## COMMUNITY CHALLENGES

- Backup Power for Water Supply
- Affordable Housing
- Portable Backup Power

**HAZARD RISK RANKING**

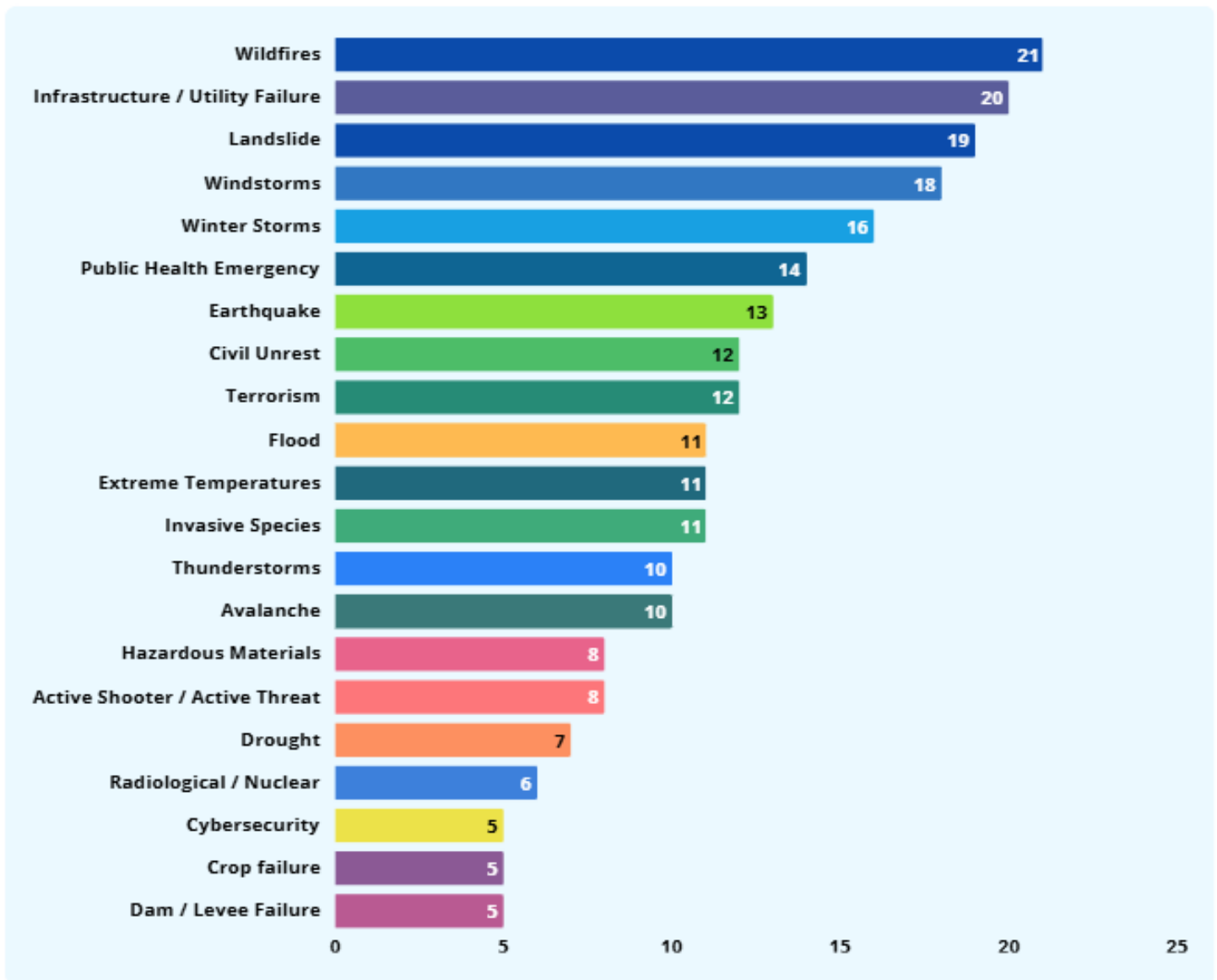


Figure 28-2 Hazard Risk Ranking Chart for City of Harrison

## MITIGATION ACTION PLAN

Table 28-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 28-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
HR-1		X		
HR-2		X		
HR-3		X		
HR-4		X		
HR-5		X		
HR-6		X		
HR-7		X		
HR-8		X		
HR-9		X		
HR-10		X		
HR-11		X		
HR-12		X		
HR-13		X		
HR-14		X		
HR-15		X		
HR-16		X		
HR-17		X		
HR-18		X		
HR-19		X		
HR-20		X		

Table 28-11 lists the initiatives that make up the City of Harrison hazard mitigation action plan, including new mitigation initiatives (*New initiatives will have \* next to the action number*). Table 28-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 28-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
<b>HR – 1</b>	<i>Create web page and quarterly mailer to increase public knowledge regarding safety and where buildings are in fire prone areas to become a Firewise community. Web Page and mailers will also address any water and sewer issues addressing health, safety, and conservation during droughts.</i>					
	<b>Wildfire</b>	<b>1, 3, 5</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
<b>HR - 2</b>	<i>Continue to cut back brush and control grasses by weed eating and weed control on City owned right of ways and city owed land to control combustible fuel that has potential to start fires.</i>					
	<b>Wildfire</b>	<b>4, 6</b>	<b>CITY</b>	<b>\$6000 /YR</b>	<b>LOCAL, GRANTS</b>	<b>SHORT TERM</b>
<b>HR – 3</b>	<i>Develop Plans and engage in Memorandums of Understanding for waterborne access for evacuation from the City during emergencies.</i>					

## HAZARD MITIGATION PLAN MATRIX

TABLE 28-11

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
	Wildfire	1, 2, 3, 5, 6	CITY	LOW	LOCAL	SHORT TERM
HR – 4	<i>Identify lake collection debris sites on Lake Coeur d’Alene. Support pre flood cleanup of Lake’s debris. Remove debris in area of the City’s jurisdiction.</i>					
	Flooding	3, 4, 6, 8, 9	CITY	LOW	LOCAL	SHORT TERM
HR – 5	<i>Require rapid damage assessment training to be completed by County and municipal building inspectors.</i>					
	Flooding	6	CITY	UNKNOWN	LOCAL	SHORT TERM
HR – 6	<i>Develop plan for drainage control city wide, look for funding resources and grants. Identify areas of need and install catch basins, oil water separators, and water control systems.</i>					
	Flooding, Landslide	1, 3, 4, 6, 8	CITY	UNKNOWN	LOCAL	LONG TERM
HR – 7	<i>Encourage/support construction of guard rails along Highway 97.</i>					
	Winter Storms	3, 4, 5, 6	CITY	LOW	LOCAL	SHORT TERM
HR – 8	<i>Support the widening of Highway 97 and the installation of guard rails on the curve just south of the City.</i>					
	Winter Storms	3, 4, 5, 6	CITY	LOW	LOCAL	SHORT TERM
HR – 9	<i>Retrofit shelters and identifies the critical designated facilities in need of generators to be able to switch to generator power during prolonged power outages and emergencies. Look for funding resources, grants and cost share grants.</i>					
	All Hazards	3, 6	CITY	UNKNOWN	PDM	LONG TERM
HR – 10	<i>Inspect public facilities to ensure that they are built to withstand snow loads and winds identify those building that would require snow removal, remove snow when needed.</i>					
	Winter Storms	4, 5, 6, 9	CITY	LOW	LOCAL	SHORT TERM
HR – 11	<i>Create a web page on the City web site to provide instructions to Shelter-in-Place.</i>					
	HAZMAT	1, 3, 5	CITY	LOW	LOCAL	SHORT TERM
HR – 12	<i>Document all landslides, bank failures, washouts, and manmade embankment failures.</i>					
	Landslides	7, 8	CITY	\$1000	PDM	SHORT TERM
HR – 13	<i>Restrict development in landslide-prone areas, Inspect any adjacent new Construction Impact on Landslide prone areas.</i>					
	Landslides	3, 4, 5, 6, 7, 9	CITY	LOW	LOCAL	SHORT TERM
HR – 14	<i>Request State of Idaho Landslide Study in new subdivisions of the areas recently annexed.</i>					
	Landslides	3, 4, 5, 6	CITY	LOW	LOCAL	SHORT TERM
HR – 15	<i>Create a web page on the City web site providing information to the public on the impact and recommended actions in response to an earthquake and or volcanic ash fall.</i>					
	Earthquake	1, 3, 5	CITY	LOW	LOCAL	SHORT TERM
HR – 16	<i>Examine existing concrete water storage facilities and distribution systems for any likelihood of damage during an earthquake. Install appropriate valves to be able to isolate any likely affected areas.</i>					

## HAZARD MITIGATION PLAN MATRIX

TABLE 28-11

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
	Earthquake	3, 6, 8	CITY	UNKNOWN	PDM	LONG TERM
HR – 17	<i>Create Continuity of Operations Plans (COOP) to provide continued government services during and following a disaster.</i>					
	All Hazards	1, 3, 4	CITY	\$1000	PDM	SHORT TERM
HR – 18	<i>Continue to maintain compliance and good standing under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:</i>					
	<ul style="list-style-type: none"> <li>- <i>Enforcement of the adopted flood damage prevention ordinance</i></li> <li>- <i>Participating in floodplain identification and mapping updates</i></li> <li>- <i>Providing public assistance/information on floodplain requirements and impacts.</i></li> </ul>					
	Flooding	3, 4, 5, 6	CITY	LOW	LOCAL	ONGOING
HR – 19	<i>Identify two American Red Cross representatives in the community. Make community aware through disbursement of mailings and updates to the City's website.</i>					
	All Hazards	1, 2, 5	CITY	\$1000	LOCAL	SHORT TERM
HR – 20	<i>Repair &amp; Mitigate Sunset Terrace in the area within City limits to alleviate damage from landslides and mudslides.</i>					
	Landslides	3, 4, 6, 9	CITY	MEDIUM	LOCAL, GRANTS	SHORT TERM
HR – 21*	<i>*NEW* Obtain portable back up power as needed (upgrades).</i>					
	All Hazards	3, 5, 6	CITY	\$45,000	LOCAL	SHORT TERM
HR – 22*	<i>*NEW* Work on roads, maintain and repair roads, identify additional ingress and egress routes such as use of boats on the lake. Work with dock builders and fire districts.</i>					
	Wildfire	2, 3, 4, 5, 6	CITY	\$30,000	LOCAL, GRANTS	SHORT TERM
HR – 23*	<i>*NEW* Identify and improve additional methods of notification and communication in the event of a disaster. Utilize town meetings and website for education.</i>					
	All Hazards	1, 3, 5, 6	CITY	UNKNOWN	LOCAL, GRANTS	ONGOING
HR – 24*	<i>*NEW* Work with ITD to upgrade building code that limits building in areas that could impact Highway 97.</i>					
	Winter Storms	3, 4, 5, 6, 9	CITY	UNKNOWN	UNKNOWN	SHORT TERM
HR – 25*	<i>*NEW* Improve the City's website to provide relevant and updated information, including updating contact information,</i>					
	All Hazards	1, 3, 5	CITY	UNKNOWN	LOCAL	ONGOING

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 28-12

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
HR-1	High	3	Low	High	Exceeds
HR-2	High	2	Medium	High	Exceeds
HR-3	Medium	5	Low	High	Exceeds
HR-4	Medium	5	Low	Medium	Exceeds
HR-5	Medium	1	Unknown	High	-
HR-6	Medium	5	Unknown	High	-
HR-7	Medium	4	Low	High	Exceeds
HR-8	Medium	4	Low	High	Exceeds
HR-9	High	2	Unknown	High	-
HR-10	High	4	Low	High	Exceeds
HR-11	Medium	3	Low	High	Exceeds
HR-12	High	2	Low	Medium	Exceeds
HR-13	Medium	6	Low	Medium	Exceeds
HR-14	Low	4	Low	Medium	Exceeds
HR-15	Medium	3	Low	High	Exceeds
HR-16	High	3	Unknown	High	-
HR-17	High	3	Low	High	Exceeds
HR-18	High	4	Low	Medium	Exceeds
HR-19	Low	3	Low	Low	Equals
HR-20	High	4	Medium	High	Exceeds
HR-21*	High	3	High	High	Equals
HR-22*	High	5	High	Medium	-
HR-23*	High	4	Unknown	Medium	-
HR-24*	High	5	Unknown	Medium	-
HR-25*	High	3	Unknown	Medium	-

See the introduction to this Volume for explanation of priorities.

## CHAPTER 29 CITY OF HAUSER ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Bill Ray, Mayor  
11837 N. Hauser Lake Rd.  
Hauser, ID 83854  
Telephone: (208) 777-9315  
mayor@cityofhauser.us

#### ALTERNATE

Kristin Sauter, Clerk  
11837 N. Hauser Lake Rd.  
Hauser, ID 83854  
Telephone: (208) 777-9315  
cityclerk@cityofhauser.us

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Hauser. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

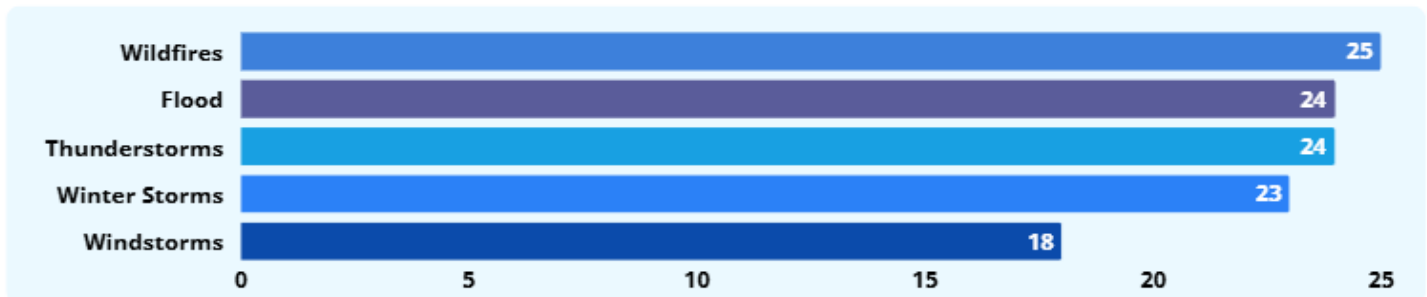


Figure 29-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 29-1
<b>CURRENT POPULATION</b>	<b>DATE OF INCORPORATION</b>	<b>POPULATION GROWTH</b>
761 (2020 U.S. Census estimate)	1947	12.2% increase between 2010 and 2020 (2020 U.S. Census Estimate)

CRITICAL FACILITIES								TABLE 29-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
1	0	0	0	1	0	0	0	2

CRITICAL INFRASTRUCTURE					TABLE 29-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL
0	6	0	0	2	8

## OVERVIEW

The City of Hauser is a community located on Kootenai County's western border, directly adjacent to the State of Washington. According to the United States Census Bureau, the city has a total area of 0.94 square miles (2.43 square kilometers), all land. The average age of city residents is 51 years old with an average median household income of \$54,875.

## BRIEF HISTORY

The City of Hauser is named after Samuel Thomas Hauser, born January 10, 1833. He was appointed Governor of the Montana Territory in 1885 by then President Grover Cleveland. It was at Hauser's request that, following the gold and silver strikes in North Idaho, Daniel Chase Corbin came to the North Idaho area to look into the possibility of building a railroad into the Coeur d'Alene mining district.

Corbin built a branch line on the Northern Pacific Railroad, which is now Hauser junction. The line went through what is now Post Falls and on to the steamboat docks in Coeur d'Alene.

Completed in 1886, it was approximately 13.5 miles long and was called Spokane Falls and Idaho Railroad. It is believed Corbin named the location Hauser Junction, after his friend at the time the branch was completed. The lake and the village that developed there were later named Hauser.

Incorporated on May 12, 1947, Hauser Lake Village was the fifth new village in Kootenai County after Idaho enacted new laws governing slot machine operations and regulating liquor by-the-drink. It was re-designated as the City of Hauser by directive of the State of Idaho.

## GOVERNING BODY FORMAT

The City is governed by a mayoral/council form of government with four City Council Members and a Mayor, all of which are elected to 4-year terms. This body will assume the responsibility for the implementation and adoption of this plan. Services provided by the City include: Public Works and Planning.

## DEVELOPMENT TRENDS

During the last five years, the City of Hauser has approved the development of six subdivisions to construct a total of 104 new homes. These subdivisions are Edgewood (14 single family homes), The Ridge (78 single family homes), Hoerner (2 single family homes), Epic Storage (2 commercial lots), Underdahl (4 single family homes), and Egdahl (4 single family homes).

According to the area of city impact for the City of Hauser, future development will occur both in the mountainous areas to the north and west. These future growth patterns will encroach into the Wildland Urban Interface (WUI). Flood zones are located in the drainages to the north and in pockets around Hauser Lake.

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 29-4. An assessment of fiscal capabilities is presented in Table 29-5. An assessment of administrative and technical capabilities is presented in Table 29-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 29-7. Classifications under various community mitigation programs are presented in Table 29-8.

LEGAL AND REGULATORY CAPABILITY		TABLE 29-4
CODES, ORDINANCES, & REQUIREMENTS	COMMENTS:	LOCAL AUTHORITY?
Building Code	Hauser City Code Title 7. Ordinance #177, adopted (4/10/2013); Includes International Building Code 2009 Edition, International Residential Code 2009 Edition, International Mechanical Code 2009 Edition, NFPA 501A and 1194, International Fire Code, International Fuel Gas Code 2009, NFPA 101, Abatement of Dangerous Buildings, Adopted versions superseded by successive versions as adopted or approved by the State of Idaho	YES
Zoning Code	Hauser City Code Title 8. Ordinance #97 (7/26/1993)	YES
Subdivisions	Hauser City Code Title 8, Chapter 9. Ordinance #153 (5/27/2009)	YES
Stormwater Management	Refer to Building code	YES
Post-Disaster Recovery	-	NO
Real Estate Disclosure	-	NO
Growth Management	None, some provision in development code	NO
Site Plan Review	Hauser City Code Title 7 Chapter 1. Ordinance #177 (4/10/2013)	YES
Public Health and Safety	Hauser City Code Title 3. Title 3 addresses Nuisances	YES
Environmental Protection	-	NO
PLANNING DOCUMENTS	COMMENTS:	LOCAL AUTHORITY?
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	Hauser Lake Comprehensive Plan, Adoption Date 1993	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>	None	NO
<i>How often is the plan updated?</i>		
Floodplain or Basin Plan	None	YES
Stormwater Plan	None	YES
Habitat Conservation Plan	None	YES
Economic Development Plan	None	YES
Shoreline Management Plan	None	NO
Community Wildfire Protection Plan	None	NO

**LEGAL AND REGULATORY CAPABILITY****TABLE 29-4**

<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan	2024 Kootenai County Emergency Operations Plan	NO
Threat & Hazard Identification & Risk Assessment	Follow Kootenai County model	NO
Terrorism Plan	-	NO
Post-Disaster Recovery Plan	-	NO
Continuity of Operations Plan	-	NO
Public Health Plan	-	NO

**FISCAL CAPABILITY****TABLE 29-5**

<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	YES
<i>Capital Improvements Project Funding</i>	YES
<i>Authority to Levy Taxes for Specific Purposes</i>	YES
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	NO
<i>Incur Debt through General Obligation Bonds</i>	YES
<i>Incur Debt through Special Tax Bonds</i>	YES
<i>Incur Debt through Private Activity Bonds</i>	NO
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	NO
<i>State-Sponsored Grant Programs</i>	YES
<i>Development Impact Fees for Homebuyers or Developers</i>	NO
<i>Other</i>	YES

**ADMINISTRATIVE AND TECHNICAL CAPABILITY****TABLE 29-6**

<b>STAFF/PERSONNEL RESOURCES</b>	<b>AVAILABLE?</b>	<b>DEPARTMENT/AGENCY/POSITION</b>
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Planning and Zoning Commission
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Contracted building inspector
<i>Planners or engineers with an understanding of natural hazards</i>	YES	Planning and Zoning Commission, Coleman Engineering
<i>Staff with training in benefit/cost analysis</i>	NO	
<i>Surveyors</i>	NO	
<i>Personnel skilled or trained in GIS applications</i>	NO	
<i>Scientist familiar with natural hazards in local area</i>	NO	
<i>Emergency manager</i>	NO	
<i>Grant writers</i>	NO	

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE	TABLE 29-7
<i>What local department is responsible for floodplain management?</i>	Planning and Zoning
<i>Who is your floodplain administrator? (department/position)</i>	Code Administration
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	No
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	02/13/2013
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	01/15/2015
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i> – <i>If so, please state what they are.</i>	No
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i> – <i>If no, please state why.</i>	No No detailed maps available
<i>Does your floodplain management staff need any assistance or training to support its floodplain management program?</i> – <i>If so, what type of assistance/training is needed?</i>	Yes Need more staff
<i>Does your jurisdiction participate in the Community Rating System (CRS)?</i> – <i>If so, is your jurisdiction seeking to improve its CRS Classification?</i> – <i>If not, is your jurisdiction interested in joining the CRS program?</i>	No N/A Yes

The City contains mapped floodplain areas and has adopted local floodplain management ordinances. The City does not currently participate in the National Flood Insurance Program (NFIP) due to local policy considerations and administrative capacity. Flood risk is addressed through locally adopted regulations, and NFIP participation will be reevaluated as conditions or resources change.

COMMUNITY CLASSIFICATIONS	TABLE 29-8		
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
<i>Community Rating System</i>	No	-	-
<i>Building Code Effectiveness Grading Schedule</i>	No	10/10	Not
<i>Public Protection - Fire Insurance Rating</i>	-	-	-
<i>Storm Ready</i>	No	-	-
<i>Firewise</i>	No	-	-

## JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 29-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

NATURAL HAZARD EVENTS			TABLE 29-9
TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
Heavy Rains & Flooding	-	12/31/1964	-
Forest fires	-	08/30/1967	\$2,255,455
Severe Storms, Snowmelt, Flooding	-	01/25/1974	\$1,785,744
Volcanic Eruption, Mt. St. Helens	-	05/18/1980	-
Wildfire, Firestorm 91	-	10/19/1991	-
Storms/flooding	-	02/11/1996	\$7,333,333
Flood	-	06/13/1997	-
Thunderstorm Wind	-	6/13/2006	-
Flooding	-	07/31/2008	\$666,667

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas:

**Severe Winter Storm:** Due to the narrow roadways in some areas of the city, severe winter storms can make transportation difficult.

**Wildfire and Structural Fire:** The entire city is in the WUI area and certain locations have limited egress. The limited egress, narrow roadways, and close proximity between structures increases the potential for the spread of fire and the damage it can cause.

**Utility Failures:** Currently there are no backup generators for government or critical facilities, making the city vulnerable to utility failure.

## COMMUNITY CHALLENGES

- Wildfires
- Flooding
- Winter storms

**HAZARD RISK RANKING**

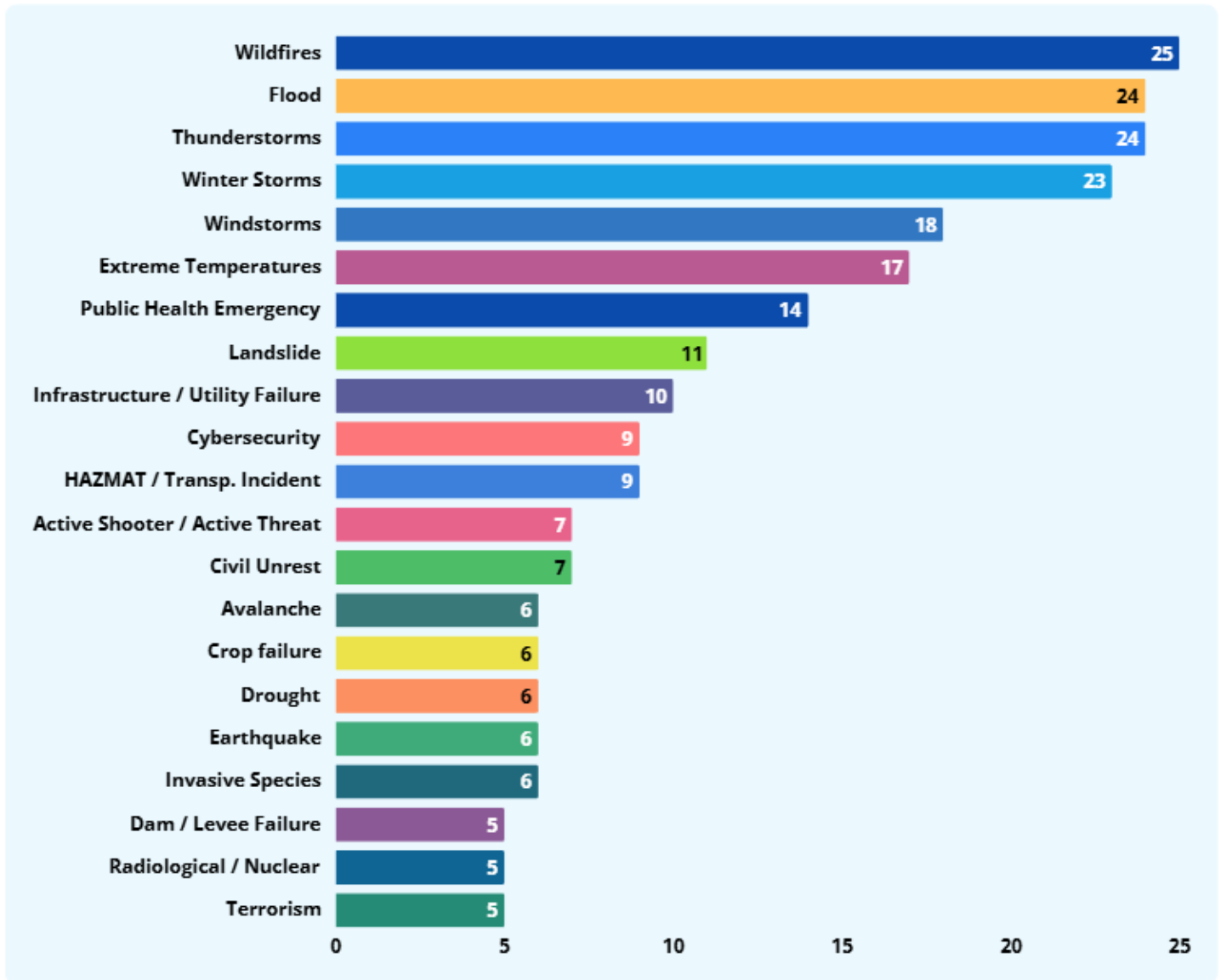


Figure 29-2 Hazard Risk Ranking Chart for City of Hauser

## MITIGATION ACTION PLAN

Table 29-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 29-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
H-1		X		In process of updating new website
H-2		X		
H-3		X		
H-4		X		
H-5		X		

Table 29-11 lists the initiatives that make up the City of Hauser hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 29-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 29-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
H - 1	<i>Create a web page on the City web site regarding recommended actions to prevent wildfire and list evacuation instructions (persons and animals).</i>					
	Wildfire	1, 3	CITY	\$0	LOCAL	SHORT TERM
H - 2	<i>Create Continuity of Operations Plans (COOP) to provide continued government services during and following disasters</i>					
	All Hazards	1, 3, 5	CITY	\$1000	PDM	SHORT TERM
H - 3	<i>Continue to maintain compliance and good standing under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:</i>					
	Flood	3, 4, 5, 6	PLANNING & ZONING	LOW	LOCAL	ONGOING
H - 4	<i>Repair or replace failing culvert and crossing on Hauser creek south of Hauser Lake. Waterflow is the only outlet for Hauser Lake and failure would result in upstream flooding along the creek and possible flooding around lake shore. This outlet is also a part of the Rathdrum Aquifer recharge</i>					
	Flood	3, 4, 5, 6	CITY	UNKNOWN	LOCAL, GRANTS	SHORT TERM
H - 5	<i>Install backup generators</i>					
	All Hazards	3, 5, 6	CITY	LOW	PDM	SHORT TERM
H-6*	<i>*NEW* Coordinate with residents with issues that arise in the community, educate them on disaster preparedness.</i>					
	All Hazards	3, 5, 6	CITY	UNKNOWN	UNKNOWN	SHORT TERM

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 29-12

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
H-1	Medium	2	Low	Medium	Exceeds
H-2	Medium	3	Low	Medium	Exceeds
H-3	High	4	Low	Medium	Exceeds
H-4	Medium	4	Medium	High	Exceeds
H-5	Medium	3	Medium	High	Exceeds
H-6*	Low	3	-	Low	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 30 CITY OF HAYDEN ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Ty Kovatch  
Deputy Public Works Director  
8930 N. Government Way  
Hayden, ID 83835  
Telephone: 208-209-1087  
tkovatch@haydenid.gov

#### ALTERNATE

Donna Phillips  
Community Development Director  
8930 N. Government Way  
Hayden, ID 83835  
Telephone: 208-209-2020  
dphillips@haydenid.gov

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Hayden. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

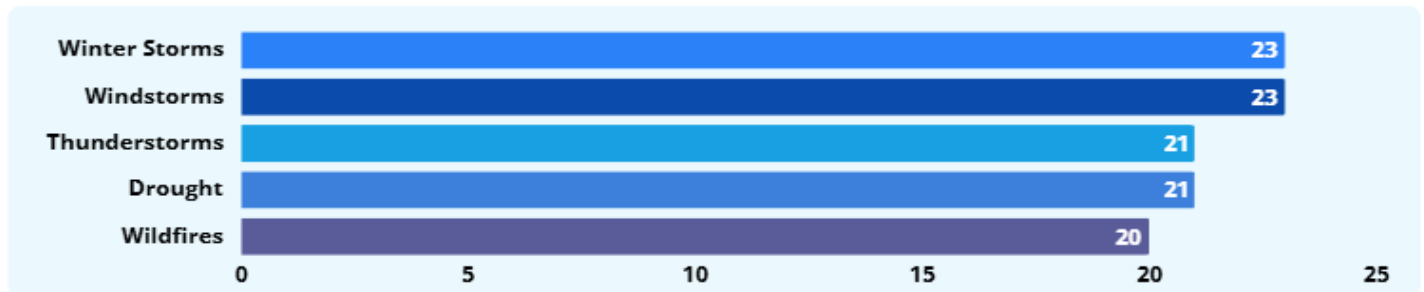


Figure 30-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 30-1
<b>CURRENT POPULATION</b>	<b>DATE OF INCORPORATION</b>	<b>POPULATION GROWTH</b>
16,422 (2023 U.S. Census estimate)	1955	Increased by approximately 12.3% between 2010 and 2018 (2018 U.S. Census estimate)

CRITICAL FACILITIES								TABLE 30-2
<b>GOVT. FUNCTIONS</b>	<b>SCHOOLS</b>	<b>TRANSP.</b>	<b>MED. / HEALTH</b>	<b>FIRE</b>	<b>POLICE</b>	<b>EMERGENCY OPERATIONS</b>	<b>HAZMAT</b>	<b>TOTAL</b>
2	0	6	0	4	1	0	2	15

CRITICAL INFRASTRUCTURE						TABLE 30-3
<b>BRIDGES</b>	<b>WATER SUPPLY</b>	<b>WASTEWATER</b>	<b>POWER</b>	<b>COMMUNICATIONS</b>	<b>TOTAL</b>	
0	0	12	0	1	13	

## OVERVIEW

The City of Hayden encompasses approximately 10 square miles or 6,800 acres. The city limits of Hayden as identified by roadways are Prairie Avenue at the south; Strahorn Road to the east; Huetter Road to the west; and at the north end the city extends to Boekel Road east of Government Way and primarily Lancaster Road west of Government Way.

The City of Hayden shares its boundary with the Cities of Dalton Gardens and Coeur d’Alene to the south; the City of Hayden Lake along a portion to the east; and the remaining adjacent areas to the north, west and east are unincorporated areas of Kootenai County.

The average age of city residents is 43 years old with an average median household income of \$77,534. An estimated 7.6% of the population lives below the poverty line. (United States Census Bureau)

## BRIEF HISTORY

The area west of Hayden Lake was originally settled by homesteaders in the late 1800s. By the early 1900s the area grew into a thriving community based on local agriculture and logging-related activities around Hayden Lake. In the early 1900s, summer resorts along the southwest side of the lake were developed, providing a robust recreational economy in the local area. An electric rail line serviced these resorts from 1906 through 1929, providing convenient and direct access to Spokane and Coeur d’Alene. These resorts were located on the southwest shores of Hayden Lake where the Hayden Country Club, the Clarke House and the Avondale golf course are now located.

By the early 1920s, fruit orchards were abundant in the area, warranting the expansion of packing plants to process the crops. Dairy and poultry farms, cattle ranches and other agricultural endeavors were also in operation throughout the area. In the late 1920s many people moved to the area from the Midwest and elsewhere, developing more agricultural land under the Homestead Act, while also working in the logging, milling and recreational industries centered around the lake.

The general area began to extend west from the summer resorts to just west of what is now known as Highway 95, and north and south between Miles and Honeysuckle Avenues. In the 1950s some commercial development was located along Highway 95 servicing the local community and highway traffic traveling along this State Highway, located on what is now known as Government Way. The City of Hayden was incorporated in 1955, with its initial boundaries generally covering 440 acres of the area known as “Hayden Village.”

Commercial development along Government Way continued to grow to take advantage of the visibility that the highway provided, and the growing community.

The capacity of Highway 95 (now Government Way) to adequately service highway traffic became an issue. State Highway 95 was relocated to its current location to the west of Government Way in 1972. Commercial development has since developed along Highway 95, Hayden Avenue, and along the major collectors and arterials to service the growing local community and area.

The original residential area of “Hayden Village” remains much the same, though many of the original large lots have been subdivided into smaller residential. Major residential developments consisting of smaller lots have occurred throughout the City. The original estimated population for “Hayden Village” of 718 people in 1950 has grown to approximately 16,422 in 2023 due to the increasing geographic size of the City and ongoing development.

## GOVERNING BODY FORMAT

The City is governed by a mayor/council form of government with four City Council Members and a Mayor all of which are elected to 4-year terms. This body will assume responsibility for the adoption of this plan. A City Administrator oversees the day-to-day operations of the city.

The City provides services for 16,422 residents with a full-time staff of 37. City services include the following departments:

- City Administration Departments include a City Clerk, Finance Director, Human Resources and a City Administrator.
- City Public Works Department includes Wastewater Collection and Treatment, Streets and Parks Departments.
- City Community Development Department includes Planning, Building, and Code Enforcement.
- City Recreation Department includes a Recreation Division and an Events Division.
- Law Enforcement Services are contracted through Kootenai County.
- Fire and Emergency Services coverage is provided by Northern Lakes Fire Protection District and Kootenai County Fire and Rescue.
- Water Services are provided by Hayden Lake Irrigation District, Avondale Irrigation District, and Kootenai North Water District, and systems to serve private development.

## DEVELOPMENT TRENDS

The economy of the Country and of Kootenai County continues to be strong along with continuation of historic growth in the area. The City of Hayden is experiencing sustained growth, with persistent demand for new housing development. The City of Hayden operated on an approved budget of \$49,100,049 for Fiscal year 2025. The City of Hayden is the 17th largest City in Idaho and has one of the lowest tax levy rates in Idaho for a city of its size. As its population increases and its boundaries expand, Hayden has been challenged to balance the budget and been forced to maintain a limited staff with increasing demands for services from the community.

Within the last decade, there has been significant development within Hayden. Hayden's area provides for expansion to the north and west onto the Rathdrum Prairie. Growth is predominantly residential with some commercial along the major transportation corridors and industrial development around the Coeur d'Alene Airport, which occupies the north central portion of the city and area of city impact. Growth will continue to encroach into the wildland/urban interface but will become exempt from that status as regional water systems are extended and an urbanized development pattern occurs. Future growth near the Coeur d'Alene Airport and Boekel and Highway 95 will interface with hazardous materials protection areas.

The City of Hayden is currently constructing the extension of Ramsey Road from Wyoming Avenue to Lancaster Road. This project will relieve some pressure on Highway 95 and other north/south connections and invite development along its path.

Forecasted development projects that will impact the City include:

- Trail Creek – *Near Ramsey Road and Dakota Avenue*
- Battleground Phased Subdivision - *West Hayden Avenue and Carrington Street*
- Hayden Canyon Phases 1B-1D – *North and East of Government Way and Lancaster Road*
- Hayden Canyon Phase 3 – *East of Government Way and Lancaster Road*

- Hazelnut Glen Subdivision – *Near Prairie Road and Carrington Street*
- Northwinds Subdivision – *Near Honeysuckle Avenue and Huetter Road*
- Hayden Sky Planned Unit Development – *Near Huetter Road North of Hayden Avenue and West of Carrington Street*
- Marks Ranch 1st Addition – *Lancaster Road east of Government Way*
- Trail Ridge 3rd Addition (Phase 4) – *North of Wyoming, East of Maple*

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 30-4. An assessment of fiscal capabilities is presented in Table 30-5. An assessment of administrative and technical capabilities is presented in Table 30-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 30-7. Classifications under various community mitigation programs are presented in Table 30-8.

LEGAL AND REGULATORY CAPABILITY		TABLE 30-4
CODES, ORDINANCES, & REQUIREMENTS	COMMENTS:	LOCAL AUTHORITY?
Building Code	Version/year: IBC 2018, IRC 2018, Energy Code 2018, IFG 2009, IMC 2012, IFC 2015, ANSI 2003, Abatement of Dangerous Buildings 1997 Ordinance #577 (1/9/2018)	YES
Zoning Code	Hayden City Code Title 11, as amended by Ordinance #619 (4/13/21)	YES
Subdivisions	Hayden City Code Title 12, updated and as amended by Ordinance #578 ( 1/9/2018)	YES
Stormwater Management	Title 8 Chapter 2 as amended by Ordinance #542 (1/27/2015); amd Ordinance # 596 (5/24/2019)	YES
Post-Disaster Recovery		NO
Real Estate Disclosure		NO
Growth Management		NO
Site Plan Review	Hayden City Code Title 11-4-7; as amended Ordinance #619, (4/13/2021)	YES
Public Health and Safety	Hayden City Code Title 4 as amended by Ordinance #572 (6/13/2017); amd. Ordinance #578 (1/9/2018); Ordinance #619, 4-13-2021; Ordinance #624 (10/12/2021)	YES
Environmental Protection	N/A	YES
PLANNING DOCUMENTS	COMMENTS:	LOCAL AUTHORITY?
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	City of Hayden 2040 Comprehensive Plan Update	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>  <i>How often is the plan updated?</i>	Transportation improvement projects, parks & recreation facility acquisition and improvements, sewer & water infrastructure projects, facilities projects (both acquisition and renovation projects), planning in support of these projects, and other capital projects as may be identified by City Council.  Annually	YES

**LEGAL AND REGULATORY CAPABILITY****TABLE 30-4**

	City of Hayden Capital Improvement Plan, adopted annually in August, tied to fiscal year budget adoption.	
Floodplain or Basin Plan	Flood Damage Protection Plan Ordinance #564 (10/25/2016)	YES
Stormwater Plan	Stormwater is addressed by Hayden City Code Title 8 Chapter 3.	YES
Habitat Conservation Plan	N/A	NO
Economic Development Plan	N/A	NO
Shoreline Management Plan	N/A	NO
Community Wildfire Protection Plan	N/A	NO
<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan	Northern Lakes Fire Department and the Kootenai Emergency Operations Plan 2024 The City of Hayden operates in an assistance capacity.	YES
Threat & Hazard Identification & Risk Assessment	N/A	NO
Terrorism Plan	N/A	NO
Post-Disaster Recovery Plan	N/A	NO
Continuity of Operations Plan	N/A	NO
Public Health Plan	N/A	NO

**FISCAL CAPABILITY****TABLE 30-5**

<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	NO
<i>Capital Improvements Project Funding</i>	YES
<i>Authority to Levy Taxes for Specific Purposes</i>	NO
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	Yes, sewer O&M is collected bi-monthly
<i>Incur Debt through General Obligation Bonds</i>	YES
<i>Incur Debt through Special Tax Bonds</i>	YES
<i>Incur Debt through Private Activity Bonds</i>	NO
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	NO
<i>State-Sponsored Grant Programs</i>	YES
<i>Development Impact Fees for Homebuyers or Developers</i>	YES
<i>Other</i>	-

ADMINISTRATIVE AND TECHNICAL CAPABILITY		TABLE 30-6
STAFF/PERSONNEL RESOURCES	AVAILABLE?	DEPARTMENT/AGENCY/POSITION
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Community Development Public Works Director and Technical Staff
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Community Development Director, Building Inspector, Public Works Director and City Engineer
<i>Planners or engineers with an understanding of natural hazards</i>	YES	Community Development, Building Inspector, Public Works Director and City Engineer
<i>Staff with training in benefit/cost analysis</i>	YES	Community Development Director, Public Works Director & Staff
<i>Surveyors</i>	NO	N/A
<i>Personnel skilled or trained in GIS applications</i>	YES	Community Development Staff
<i>Scientist familiar with natural hazards in local area</i>	NO	N/A
<i>Emergency manager</i>	YES	Kootenai County Office of Emergency Management
<i>Grant writers</i>	YES	Community Development Director & Public Works Director & Staff

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE	TABLE 30-7
<i>What local department is responsible for floodplain management?</i>	Community Development
<i>Who is your floodplain administrator? (department/position)</i>	Community Development
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	NO
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	10/2016
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	None
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i> – <i>If so, please state what they are.</i>	NO
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i> – <i>If no, please state why.</i>	N/A
<i>Does your floodplain management staff need any assistance or training to support its floodplain management program?</i> – <i>If so, what type of assistance/training is needed?</i>	YES
<i>Does your jurisdiction participate in the Community Rating System (CRS)?</i> – <i>If so, is your jurisdiction seeking to improve its CRS Classification?</i> – <i>If not, is your jurisdiction interested in joining the CRS program?</i>	N/A

COMMUNITY CLASSIFICATIONS		TABLE 30-8	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
<i>Community Rating System</i>	NO	N/A	N/A
<i>Building Code Effectiveness Grading Schedule</i>	YES	10/10	2007
<i>Public Protection - Fire Insurance Rating</i>	YES	4/5	2012
<i>Storm Ready</i>	YES	N/A	5/2013
<i>Firewise</i>	NO	N/A	N/A

## JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 30-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

NATURAL HAZARD EVENTS		TABLE 30-9	
TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
<b>Thunderstorm Wind</b>	60 mph gusts were recorded	5/31/1997	-
<b>Thunderstorm Wind</b>	Strong winds blew down several trees and many larger tree limbs in the Hayden area. Several dozen power customers were without power when trees either blew into power lines or power lines were simply blown down.	3/13/2001	\$25,000
<b>Lightning</b>	Lightning struck the roof of a house in Hayden. The lightning struck the attic and started a fire. The home didn't suffer any smoke damage, but some water damage along with replacement of trusses in the roof lead to an estimated property damage of \$10,000.	5/19/2006	\$10,000
<b>Lightning</b>	Four cows and one calf were killed by a lightning strike in Hayden, ID.	7/23/2014	\$4,500
<b>Heavy Rain</b>	A trough of low-pressure sweeping around the edge of a low-pressure system moving north along the Oregon and Washington Coast produced numerous thunderstorms that moved across Eastern Washington and Northern Idaho. A member of the public measured 4.75 inches of rain in their rain gauge at Hayden, Idaho.	6/1/2015	-
<b>High Wind</b>	Winds reaching 40-55 mph with gusts to 65 mph downed a large tree onto power lines near Hayden City Hall. A power outage affected 5,000 customers in Post Falls, Hayden, and Coeur d'Alene.	02.01.2020	\$30,000
<b>Heavy Snow</b>	7.9 inches of snow accumulation was reported in Hayden	12.30.2021	\$0
<b>High Wind</b>	Kootenai County Board of Commissioners declared an emergency due to severe winds that yielded widespread fallen trees, and 30,000 customers without power, with the majority in the Coeur d'Alene, Hayden, and Hayden Lake areas.	01.13.2021	\$5 million (county-wide)

NATURAL HAZARD EVENTS		TABLE 30-9	
<b>High Wind</b>	Wind gusts of 50-65 mph downed multiple large trees, generating road hazards in Hayden.	03.28.21	\$100,000 (county wide)
<b>High Wind</b>	Wind gusts in the range of 40-60 mph recorded across the region generating fallen trees and property damage.	04.18.2021	\$25,000 (county wide)
<b>Excessive Heat</b>	A four-day heat wave generated record temperatures for maximum high and maximum low temperatures across the region.	06.26.2021 through 06.30.2021	--
<b>High Winds</b>	Wind gusts estimated at 40 to 60 mph resulted in nearly 40,000 Avista and Kootenai Electric customers being without power in the region.	11.15.2021	\$50,000 (county wide)
<b>Heavy Snow</b>	7 to 11 inches of new snow was reported in Hayden.	04.15.2022	\$0
<b>Heavy Snow</b>	7 inches of new snow reported in Hayden.	02.27.2023	\$0
<b>Funnel Cloud</b>	Funnel clouds were reported near Hayden on three occasions with no damage or injuries reported.	06.09.2020	
<b>Extreme Cold</b>	Extreme cold weather over a five-day period generated high temperatures in the single digits and lows in the negative teens, resulting in bursting pipes, and challenges for vulnerable populations staying warm.	01.11.2024 through 01.16.2024	\$600,000 (county wide)

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Severe Winter Storm:** Severe winter storm incidents could occur between the months of November – March, generally. Winter storms have the potential to disrupt power, inflict property damage, and seriously limit the transportation ability of residents. Loss of power can severely restrict our most vulnerable residents, such as seniors and other individuals who need access to medical devices and services. A severe winter storm could prevent emergency services from being able to access our most vulnerable citizens.

Additionally, concerns with older buildings could lead to loss or property damage throughout the city. Older housing stock as well as manufactured homes are most vulnerable to this threat.

**Extreme Heat Events** - Access to climate-controlled facilities during extreme heat or cold events has life safety implications for vulnerable populations who lack access to such facilities.

**Tornado and High Wind:** There are manufactured homes in the city that could be at greater risk during a tornado or high wind event.

**Flooding:** There are several areas of concern regarding flash flooding in Hayden, including much of Northeast Hayden. Areas of concern include Miles Avenue and Hillview Drive, Ramsey Road and Hayden Avenue, Ash Street, Miles Avenue and Government Way, Maple Street and Honeysuckle Avenue.

**Dam/Levee Failure:** There is a risk near Honeysuckle Beach. If there is a dam failure, the subsequent flood hazard could threaten the nearby lift station and private property.

**Landslide:** Areas of elevation to the north and east have potential risk for landslide impacts. For example, but not limited to, on 4th Street, there is a retaining wall adjacent to a hill that has issues and could potentially fail.

**Wildfire:** There is a high risk of wildfire on the prairie and east of Highway 95, and near the eastern boundary of the City. There is a city-wide risk with various fuel loads.

**Hazardous Materials Incidents:** There is a risk of hazardous materials incidents at Highway 95, Government Way, Miles Avenue, and the railroad.

**Active Shooter:** The City Hall of Hayden could be the target of an active shooter.

**Cyber-attack:** The City of Hayden could be the target of a cyber-attack. There is the potential for insufficient resources to respond to a cyber-attack.

**Invasive Species:** The timbered areas east of Highway 95 could be at risk of invasive species damage, as well as those neighborhoods with limited varieties of tree species.

**Large Transmission Powerlines:** The City has a large three phased power line that runs north to south located along Huetter Road. These lines could lead to potential risks associated with large scale wildfire issues for the community.

**Community Utility Failure** - Drinking Water, Electricity, and Sewer treatment system failures of varying degrees have potential for widespread community impacts.

**Drought** – Prolonged drought conditions could impact the recharge of the Rathdrum/Spokane Aquifer, generating local needs for curtailment and other water shortage impacts.

## COMMUNITY CHALLENGES

- Limited Control over essential services: water/ sewer/ public safety
- Population growth
- Limited capacity for infrastructure expansion
- Limited control to fund / build infrastructure

**HAZARD RISK RANKING**

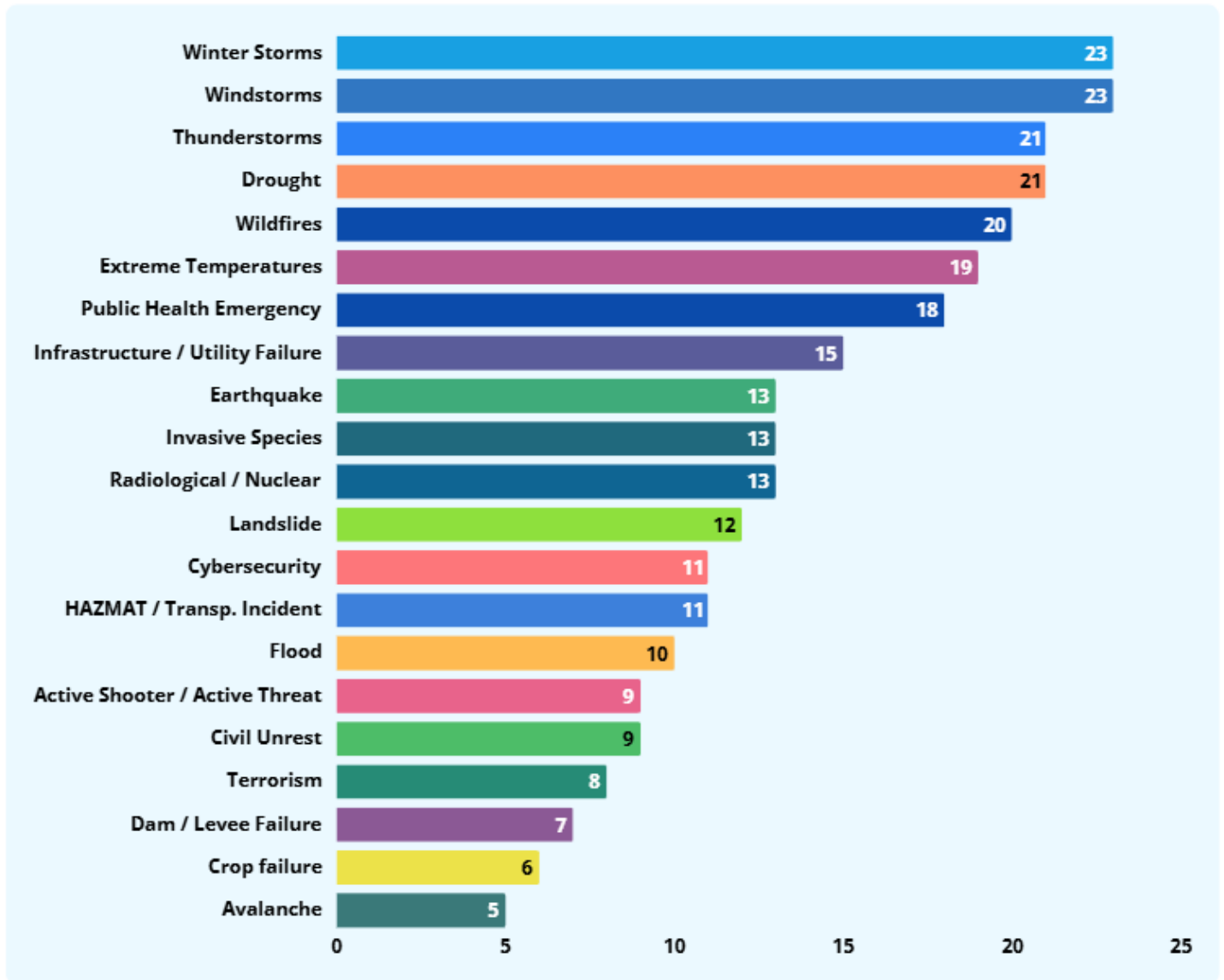


Figure 30-2 Hazard Risk Ranking Chart for City of Hayden

## MITIGATION ACTION PLAN

Table 30-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 30-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
Hay-1	X			Facility no longer in use, generator was installed
Hay-2	X			
Hay-3		X		Yet to begin this process
Hay-4		X		Limited flood risk but compliance is important
Hay-5		X		Proactive messaging should be more frequent
Hay-6		X		We have established monthly emergency committee and periodically conduct trainings
Hay-7		X		Expected installation Fall 2025
Hay-8		X		In project queue
Hay-9		X		Remove development aspect of this initiative. Building code promotes this
Hay-10			X	City can affect Rights of Way and educate. Remove, not applicable
Hay-11		X		Facilities need to be identified and communicated

Table 30-11 lists the initiatives that make up the City of Hayden hazard mitigation action plan, including new mitigation initiatives (*New initiatives will have \* next to the action number*). Table 30-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 30-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
<b>Hay - 1*</b>	<i>*NEW* Develop warming / cooling plan, locations, and communications</i>					
	<b>Extreme Temperatures</b>	<b>1, 3, 5, 6</b>	<b>CITY</b>	<b>\$10,000</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
<b>Hay - 2*</b>	<i>*NEW* Install backup generators at all critical facilities and infrastructure to ensure continuity of operations</i>					
	<b>All Hazards</b>	<b>3, 5, 6</b>	<b>CITY</b>	<b>\$200,000</b>	<b>LOCAL</b>	<b>MEDIUM TERM</b>
<b>Hay - 3</b>	<i>Develop a Continuity of Operations Plan for the City *that incorporates best practices for municipal emergency management and response</i>					
	<b>All Hazards</b>	<b>1, 3, 5, 6</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
<b>Hay - 4</b>	<i>Continue to maintain compliance and good standing under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:</i>					
	<b>Flood</b>	<b>3, 4, 5, 6</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>

HAZARD MITIGATION PLAN MATRIX						TABLE 30-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
Hay - 5	<i>Promote disaster preparedness for community residents. Status: Use Facebook, Newsletter, and Booth at Hayden Days to highlight</i>					
	All Hazards	1, 3, 5	CITY	LOW	LOCAL	ONGOING
Hay - 6	<i>Convene monthly Emergency Committee meetings and conduct training and prepare for emergencies</i>					
	All Hazards	1, 3, 5	CITY	LOW	LOCAL	ONGOING
Hay - 7	<i>Obtain a Generator for City Hall Offices to assist with Continuity of Operations.</i>					
	All Hazards	3, 5, 6	CITY	MEDIUM	LOCAL	SHORT TERM
Hay - 8	<i>Upgrade communications systems to include interoperability when needed</i>					
	All Hazards	3, 6	CITY	MEDIUM	LOCAL	SHORT TERM
Hay - 9	<i>Provide for public education forums to teach residents how to build “eye-pleasing” defensible space into their property</i>					
	Wildfire	1, 3, 5	CITY	LOW	LOCAL	SHORT TERM
Hay - 10*	<i>*NEW* Evaluate and mitigate city controlled spaces to limit fire fuel availability on a regular basis</i>					
	Wildfire	3, 4, 6, 7, 8, 9	CITY	\$10,000 /yr	LOCAL	MEDIUM TERM
Hay - 11	<i>Identify cooling / warming shelters for vulnerable populations</i>					
	Extreme Temperature	1, 2, 5	CITY	LOW	LOCAL	ONGOING
Hay - 12*	<i>*NEW* Enhance security of public wastewater management systems by consolidating Hayden’s collection system and treatment system.</i>					
	Utility Failure, Public Health	3, 4, 6	CITY	UNKNOWN	LOCAL	ONGOING
Hay - 13*	<i>*NEW* Invest in wastewater treatment and collection capacity and resiliency. – Develop, fund and execute a five-year capital improvement plan based on best management practices for wastewater treatment and collection to ensure necessary capacity and community resiliency.</i>					
	Utility Failure, Public Health	3, 4, 6	CITY, HARSB	MEDIUM	LOCAL	LONG TERM / ONGOING

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 30-12

<b>ACTION #</b>	<b>PRIORITY</b>	<b># OF OBJECTIVES MET</b>	<b>COST</b>	<b>BENEFIT</b>	<b>BENEFITS EQUAL OR EXCEED COSTS?</b>
Hay-1*	<b>Medium</b>	4	Low	Medium	Exceeds
Hay-2*	<b>High</b>	3	High	High	Equals
Hay-3	<b>Low</b>	4	Low	Medium	Exceeds
Hay-4	<b>Medium</b>	4	Low	Medium	Exceeds
Hay-5	<b>Medium</b>	3	Low	Medium	Exceeds
Hay-6	<b>Medium</b>	3	Low	Medium	Exceeds
Hay-7	<b>Medium</b>	6	Low	High	Exceeds
Hay-8	<b>Medium</b>	2	Low	Medium	Exceeds
Hay-9	<b>Medium</b>	3	Low	Medium	Exceeds
Hay-10*	<b>Medium</b>	6	Medium	Medium	Equals
Hay-11	<b>Medium</b>	3	Low	Medium	Exceeds
Hay-12*	<b>Medium</b>	3	-	Medium	-
Hay-13*	<b>Medium</b>	3	Medium	Medium	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 31 CITY OF HAYDEN LAKE ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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#### ALTERNATE

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Hayden Lake. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

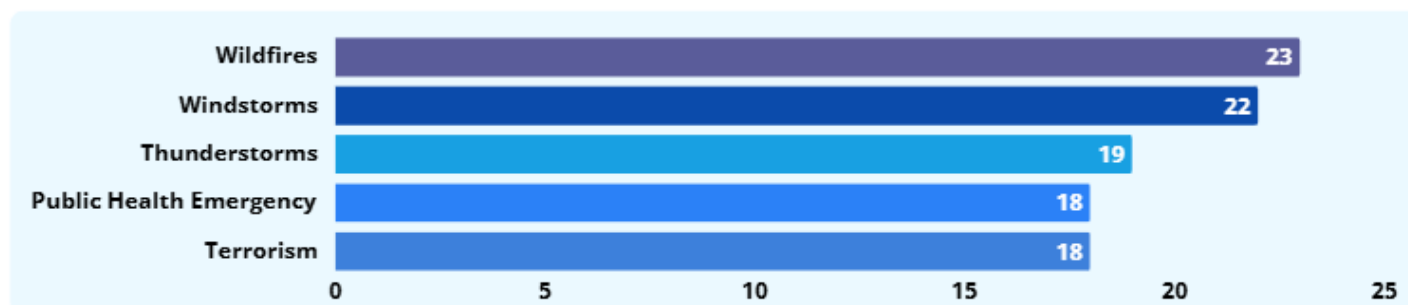


Figure 31-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 31-1
CURRENT POPULATION	DATE OF INCORPORATION	POPULATION GROWTH
770 (2022 U.S. Census estimate)	1947	Increased by approximately 27.9% between 2018 and 2022 (U.S. Census estimate)

CRITICAL FACILITIES								TABLE 31-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
1	3	0	0	0	1	0	0	5

CRITICAL INFRASTRUCTURE						TABLE 31-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL	
0	0	0	0	0	0	

## OVERVIEW

Hayden Lake is located adjacent to Hayden Lake, the third-largest lake in Kootenai County. The area of City Impact agreement was adopted in 1995. City boundaries stretch north to Lancaster Road, west to the City of Hayden, and borders on Hayden Lake to the south and east. The average age of city residents is 54.4 years old with an average median household income of \$111,094. An estimated 7.4% of the population lives below the poverty line. (2022 American Community Survey) The average age of city residents is 43 years old with an average median household income of \$77,534. An estimated 7.6% of the population lives below the poverty line. (United States Census Bureau)

## BRIEF HISTORY

The City of Hayden Lake was incorporated in March of 1947. Largely a residential community, Hayden Lake is the home of the Hayden Lake Country Club and the first 18-hole golf course in Idaho, built by the railroad.

## GOVERNING BODY FORMAT

The City of Hayden Lake has a Mayor-Council form of government. The City Council assumes responsibility for the adoption of this plan; the City Clerk will oversee its implementation.

## DEVELOPMENT TRENDS

Hayden Lake has low levels of development at this time.

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 31-4. An assessment of fiscal capabilities is presented in Table 31-5. An assessment of administrative and technical capabilities is presented in Table 31-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 31-7. Classifications under various community mitigation programs are presented in Table 31-8.

LEGAL AND REGULATORY CAPABILITY		TABLE 31-4
CODES, ORDINANCES, & REQUIREMENTS	COMMENTS:	LOCAL AUTHORITY?
Building Code	International Bldg. Code (2018)	YES
Zoning Code	Ordinance #150 (7/7/1998)	YES
Subdivisions	Ordinance #119, (5/3/1994)	YES
Stormwater Management	Ordinance #117, (6/24/1993)	YES
Post-Disaster Recovery		NO
Real Estate Disclosure		NO
Growth Management		NO
Site Plan Review		NO
Public Health and Safety	Ordinance #315, (11/7/2024)	YES
Environmental Protection		NO
PLANNING DOCUMENTS	COMMENTS:	LOCAL AUTHORITY?
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	No. Comprehensive Plan adopted (8/3/94), Ordinance #127 Updated 2024	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>	Streets.	YES
<i>How often is the plan updated?</i>	Done in 2022 and is revised every five years.	

LEGAL AND REGULATORY CAPABILITY		TABLE 31-4
Floodplain or Basin Plan		NO
Stormwater Plan		NO
Habitat Conservation Plan		NO
Economic Development Plan		NO
Shoreline Management Plan		NO
Community Wildfire Protection Plan		NO
RESPONSE/RECOVERY PLANNING	COMMENTS:	LOCAL AUTHORITY?
		YES
Comprehensive Emergency Operations Plan	Kootenai Emergency Operations Plan 2024	
Threat & Hazard Identification & Risk Assessment	N/A	NO
Terrorism Plan	N/A	NO
Post-Disaster Recovery Plan	N/A	NO
Continuity of Operations Plan	N/A	NO
Public Health Plan	N/A	NO

FISCAL CAPABILITY		TABLE 31-5
FINANCIAL RESOURCES	ACCESSIBLE / ELIGIBLE TO USE?	
<i>Community Development Block Grants</i>	NO	
<i>Capital Improvements Project Funding</i>	NO	
<i>Authority to Levy Taxes for Specific Purposes</i>	NO	
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	NO	
<i>Incur Debt through General Obligation Bonds</i>	NO	
<i>Incur Debt through Special Tax Bonds</i>	NO	
<i>Incur Debt through Private Activity Bonds</i>	NO	
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	NO	
<i>State-Sponsored Grant Programs</i>	NO	
<i>Development Impact Fees for Homebuyers or Developers</i>	NO	
<i>Other</i>	-	

ADMINISTRATIVE AND TECHNICAL CAPABILITY		TABLE 31-6
STAFF/PERSONNEL RESOURCES	AVAILABLE?	DEPARTMENT/AGENCY/POSITION
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Contract with Welch Comer Engineers
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	NO	
<i>Planners or engineers with an understanding of natural hazards</i>	NO	
<i>Staff with training in benefit/cost analysis</i>	NO	
<i>Surveyors</i>	NO	

Personnel skilled or trained in GIS applications	NO
Scientist familiar with natural hazards in local area	NO
Emergency manager	NO
Grant writers	NO

<b>NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE</b>	<b>TABLE 31-7</b>
What local department is responsible for floodplain management?	Code Enforcement
Who is your floodplain administrator? (department/position)	Code Enforcement Officer
Are any certified floodplain managers on staff in your jurisdiction?	Yes. Welch Comer is contracted as our Floodplain Administrator
What is the date of adoption of your flood damage prevention ordinance?	1/19/2021
When was the most recent Community Assistance Visit or Community Assistance Contact?	Unknown
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? – If so, please state what they are.	NO
Do your flood hazard maps adequately address the flood risk within your jurisdiction? – If no, please state why.	NO Not in possession of maps
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?	Not at this time N/A
Does your jurisdiction participate in the Community Rating System (CRS)? – If so, is your jurisdiction seeking to improve its CRS Classification? – If not, is your jurisdiction interested in joining the CRS program?	NO N/A YES

<b>COMMUNITY CLASSIFICATIONS</b>	<b>TABLE 31-8</b>		
	<b>PARTICIPATING?</b>	<b>CLASSIFICATION</b>	<b>DATE CLASSIFIED</b>
Community Rating System	NO	N/A	N/A
Building Code Effectiveness Grading Schedule	YES	10/10	2003
Public Protection - Fire Insurance Rating	YES	4/8	2009
Storm Ready	NO	-	-
Firewise	NO	-	-

## JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 31-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

NATURAL HAZARD EVENTS			TABLE 31-9
TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
Nothing significant in last 5 years.	DR-4589-ID	1-13-2021	\$115,101.00

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## COMMUNITY CHALLENGES

- Congestion
- Fire & Winds
- Lack of Transportation

**HAZARD RISK RANKING**

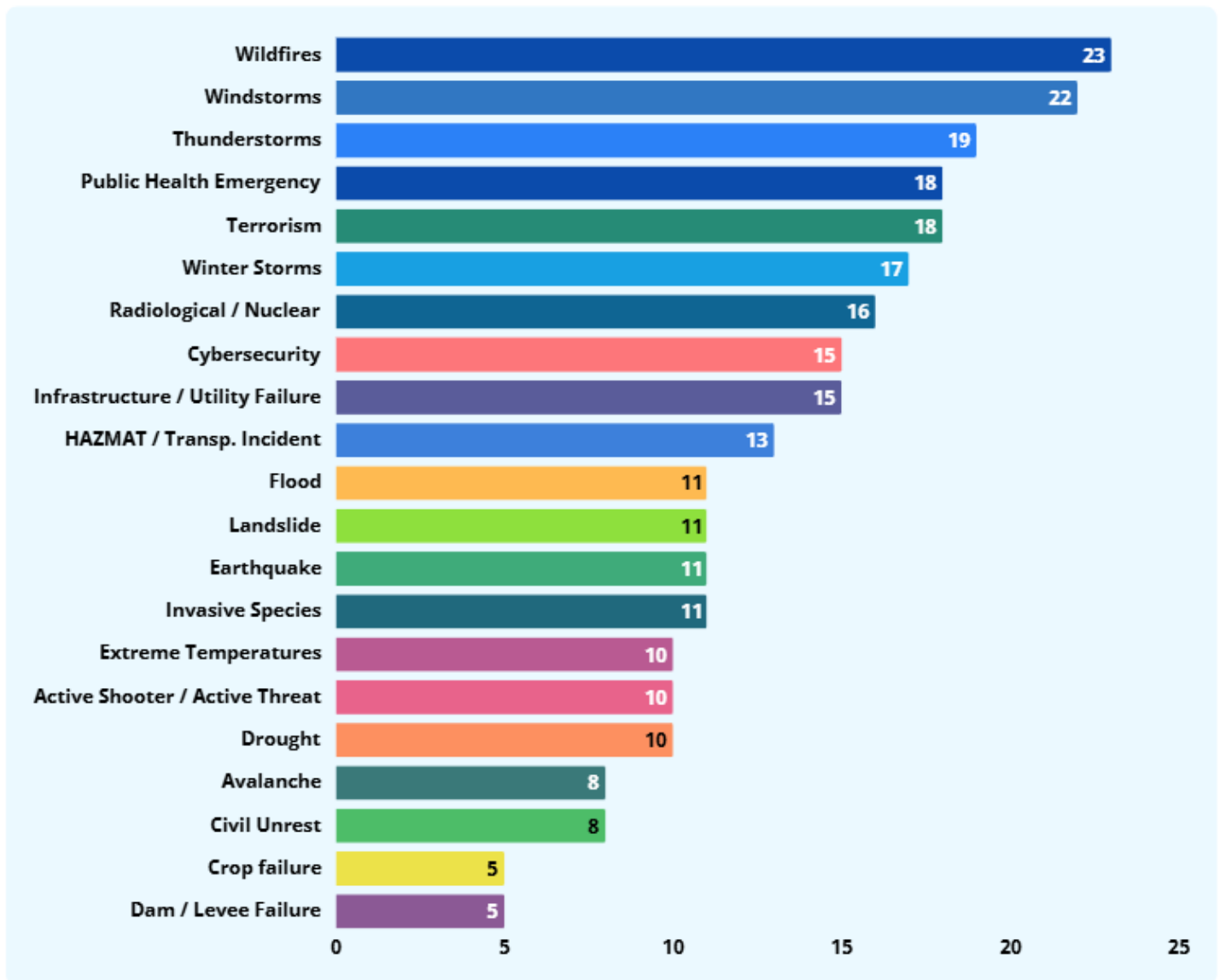


Figure 31-2 Hazard Risk Ranking Chart for City of Hayden Lake

## MITIGATION ACTION PLAN

Table 31-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 31-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
HL-1			X	
HL-2		X		Need generator to accomplish. New website with ways to notify public, added cloud software that can be used anywhere. (FY 2026?)
HL-3		X		Goes with HL – 2 (FY 2026?)
HL-4		X		Any work done gets evaluated for stormwater & lake protection.

Table 31-11 lists the initiatives that make up the City of Hayden Lake hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the Action number). Table 31-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 31-12
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
<b>HL – 1</b>	<i>Create a Continuity of Operations Plan (COOP) to provide continued government services during and following a disaster. (Was HL – 2)</i>						
	<b>All Hazards</b>	<b>1, 3, 5, 6</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>	
<b>HL – 2</b>	<i>Discuss with City Council the addition of a generator to support City Hall in the event of a disaster. (Was HL – 3)</i>						
	<b>All Hazards</b>	<b>3, 5, 6</b>	<b>CITY</b>	<b>MEDIUM</b>	<b>LOCAL, GRANTS</b>	<b>SHORT TERM</b>	
<b>HL – 3</b>	<i>Continue to maintain compliance and good standing under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:</i>						
	<ul style="list-style-type: none"> <li>- <i>Enforcement of the adopted flood damage prevention ordinance</i></li> <li>- <i>Participating in floodplain identification and mapping updates</i></li> <li>- <i>Providing public assistance/information on floodplain requirements and impacts. (Was HL – 4)</i></li> </ul>						
	<b>Flood</b>	<b>3, 4, 5, 6</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>HL – 4*</b>	<i>*NEW* Removal of hazardous trees.</i>						
	<b>Wildfire, Windstorms, Severe Weather, Invasive Species</b>	<b>3, 6</b>	<b>CITY</b>	<b>\$300 / TREE</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>HL – 5*</b>	<i>*NEW* Maintenance and/or removal of hazardous fuels on undeveloped property.</i>						
	<b>Wildfire</b>	<b>3, 6</b>	<b>CITY</b>	<b>\$500 +</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>HL – 6*</b>	<i>*NEW* Flood plain management.</i>						
	<b>Flood</b>	<b>3, 5</b>	<b>CITY</b>	<b>UNKNOWN</b>	<b>LOCAL</b>	<b>ONGOING</b>	

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 31-12

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
HL-1	Medium	4	Low	Medium	Exceeds
HL-2	Medium	3	Medium	High	Exceeds
HL-3	High	4	Low	Medium	Exceeds
HL-4*	High	2	Medium	Medium	Equals
HL-5*	Medium	2	Low	Medium	Exceeds
HL-6*	Medium	2	-	Low	-

See the introduction to this Volume for explanation of priorities.

## CHAPTER 32 CITY OF POST FALLS ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Post Falls. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

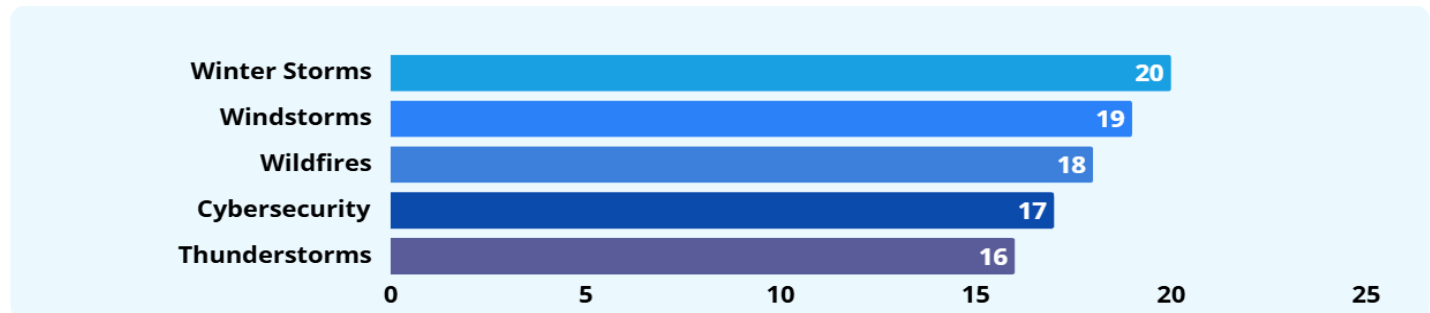


Figure 32-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 32-1
<b>CURRENT POPULATION</b>	<b>DATE OF INCORPORATION</b>	<b>POPULATION GROWTH</b>
<b>44,798</b> (2023 U.S. Census estimate)	1891	Increased by approximately 29.1% between 2018 and 2023 (U.S. Census estimate)

CRITICAL FACILITIES								TABLE 32-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
0	11	9	3	3	2	1	16	<b>45</b>

CRITICAL INFRASTRUCTURE					TABLE 32-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL
15	5	48	1	0	<b>69</b>

## OVERVIEW

Post Falls is located east of the Washington-Idaho border and bounded by Coeur d'Alene, ID to the east, the State of Washington to the west, the Spokane River to the south, and the Rathdrum Prairie to the north. According to the United States Census Bureau, the city has a total area of 12,289-acres (19.20 square miles), of which approximately 12,276.5-acres (19.18 square miles) is land and approximately 12.5-acres (0.02 square miles) is water. The median age of city residents is 34 years old with a median household income of \$73,313 (2023 U.S. Census Bureau). An estimated 13.0% of the population lives below the poverty line (2023 U.S. Census Bureau). Approximately, 11.6% of the population does not have health insurance and 11.2% under 65 live with a disability (2023 U.S. Census Bureau).

## BRIEF HISTORY

Post Falls was once the site of the Coeur d'Alene Village Q'emiln ("throat of the river"). The town of Post Falls grew from the early commercial lumbering efforts of German immigrant, Frederick Post. Post came to the area from Illinois in 1871 and set up businesses in Rathdrum, Spokane and Post Falls. He built the area's first grist mill at Spokane Falls in 1876. He returned to the "Little Falls" (Post Falls) and used the falls to power the area's first commercial lumber mill. Several lumber mills operated in Post Falls over the years. Logs arrived by horse, water and later by rail and highway.

In addition to the lumber industry, agricultural activities were also important to the Post Falls economy. In recent years, the natural resource-based economy has gradually changed to that of manufacturing, service and medical.

## GOVERNING BODY FORMAT

The City is governed by a mayoral/council form of government with 6 City Council Members and a Mayor all of which are elected to 4 year terms. This body will assume the responsibility for the implementation and adoption of this plan. Services provided by the City include: Public Services including Public Works and Community Development, Parks and Recreation and Police.

## DEVELOPMENT TRENDS

Post Falls has historically been a bedroom community for Coeur d'Alene and the greater Spokane, WA area. In recent years, the City has seen significant residential growth along with new commercial development. Due to current economic trends and the shortage of housing, similar growth is expected over the next five years as previously approved projects build out. Expansion will continue north and west onto the Rathdrum Prairie, with new development encroaching into the wildland urban interface (WUI). Grass fires are common but pose less risk than wooded areas. While grass burning on the prairie was once widespread, it is now limited.

Flood hazards are minimal despite proximity to the Spokane River, and few new developments are expected along it. Commercial, industrial, and retail growth has concentrated along I-90, Seltice Way, and Highway 41 and is likely to expand further, particularly around the Beck Road Interchange.

Of other risks, hazardous materials present the greatest concern, especially along the I-90 corridor and the BNSF Railway near Highway 53, where facilities store and transport them. The primary growth sector to the north is planned for mixed-use communities with limited exposure to mapped hazards.

Over the next five years, projects such as expansion of the water reclamation plant are anticipated. Continued growth will increase demand on public infrastructure, requiring upgrades to city facilities, especially in water reclamation and transportation.

Forecasted projects that will impact the City include:

- Widening of Prairie Ave between HW41 and Meyer Rd

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 32-4. An assessment of fiscal capabilities is presented in Table 32-5. An assessment of administrative and technical capabilities is presented in Table 32-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 32-7. Classifications under various community mitigation programs are presented in Table 32-8.

LEGAL AND REGULATORY CAPABILITY		TABLE 32-4
CODES, ORDINANCES, & REQUIREMENTS	COMMENTS:	LOCAL AUTHORITY?
Building Code	International Building Code 2018, International Residential Code 2018, Ordinance #1405 (12/2020)	YES
Zoning Code	Fire reduction, construction outside of the floodplain, and separation of uses. Title 18, Ordinance #1065 (02/2005) and Title 18A, Ordinance #1200 (10/2010) with continuing amendments to original title	YES
Subdivisions	Title 17, Ordinance #937 (05/1999) with continuing amendments to original title	YES
Stormwater Management	Ordinance #1188 §2 (2010)	YES
Post-Disaster Recovery		NO
Real Estate Disclosure		NO
Growth Management	Idaho Statutes – Chapter 227, §2, page 796: Establishing an area of impact	NO
Site Plan Review	Title 18, Ordinance #1065 (02/2005) with continuing amendments to original title	YES
Public Health and Safety	City of Post Falls Code – Title 8, Ordinance #589 (01/1990) with continuing amendments to original title	YES
Environmental Protection	Ordinance #1251 (07/2013) – Amendments to the water reclamation code, Title 13.24	YES
PLANNING DOCUMENTS	COMMENTS:	LOCAL AUTHORITY?
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	City of Post Falls Comprehensive Plan, 2020 Yes	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>	Parks & Recreation, Transportation, Emergency Services; Water reclamation, Storm water, Domestic Water  5-years Collections System Master Plan – 2019; Water System Master Plan – 2018; (Parks & Recreation, Transportation and Emergency Services - Capital Improvement Plans and Development Impact Fees – Adopted 9-29-2011), Transportation Master Plan 2017	YES
<i>How often is the plan updated?</i>		
Floodplain or Basin Plan		NO
Stormwater Plan	Stormwater Management Plan, 2012; Addresses direct discharge to the Spokane River	YES
Habitat Conservation Plan		NO
Economic Development Plan	Strategic Plan, 2013 and Economic Development Plan, 1981	YES
Shoreline Management Plan		NO
Community Wildfire Protection Plan		NO

**LEGAL AND REGULATORY CAPABILITY** **TABLE 32-4**

<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan	Kootenai Emergency Operations Plan 2024, Avista’s Emergency Action Plan for the Post Falls Hydro Electric Development, Williams Gas Line Response Plan	YES
Threat & Hazard Identification & Risk Assessment		NO
Terrorism Plan		NO
Post-Disaster Recovery Plan		NO
Continuity of Operations Plan		NO
Public Health Plan		NO

**FISCAL CAPABILITY** **TABLE 32-5**

<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	No, could be eligible before next update
<i>Capital Improvements Project Funding</i>	YES
<i>Authority to Levy Taxes for Specific Purposes</i>	YES
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	YES
<i>Incur Debt through General Obligation Bonds</i>	YES
<i>Incur Debt through Special Tax Bonds</i>	YES
<i>Incur Debt through Private Activity Bonds</i>	NO
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	YES
<i>State-Sponsored Grant Programs</i>	YES
<i>Development Impact Fees for Homebuyers or Developers</i>	Maybe, but only to mitigate the impacts of new growth
<i>Other</i>	-

**ADMINISTRATIVE AND TECHNICAL CAPABILITY** **TABLE 32-6**

<b>STAFF/PERSONNEL RESOURCES</b>	<b>AVAILABLE?</b>	<b>DEPARTMENT/AGENCY/POSITION</b>
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	Community Development – Planning Manager Community Development – Associate Planner Community Development – Planner 1 Community Development – City Engineer Community Development – Senior Staff Engineer Community Development – Staff Engineer
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Community Development – City Engineer Community Development – Senior Staff Engineer Community Development – Staff Engineer Community Development – Building Division Team Supervisor Community Development – Building Division Building Inspector

<i>Planners or engineers with an understanding of natural hazards</i>	YES	Community Development – Planning Manager Community Development – Associate Planner Community Development – Planner 1 Community Development – City Engineer Community Development – Senior Staff Engineer Community Development – Staff Engineer
<i>Staff with training in benefit/cost analysis</i>	YES	Community Development – Planning Manager Community Development – Associate Planner Community Development – Planner 1 Community Development – City Engineer Community Development – Senior Staff Engineer Community Development – Staff Engineer City Administration – City Administrator Finance Department - Director
<i>Surveyors</i>	YES	Community Development – City Engineer (not licensed in Idaho)
<i>Personnel skilled or trained in GIS applications</i>	YES	Community Development – GIS Coordinator Community Development – GIS Technician Community Development – Associate Planner Community Development – Planner 1 Community Development – Senior Engineering Tech
<i>Scientist familiar with natural hazards in local area</i>	NO	
<i>Emergency manager</i>	YES	City Administrator
<i>Grant writers</i>	YES	Post Falls Police Department Community Development – Planning Manager Community Development – Associate Planner Community Development – Planner 1 Community Development – City Engineer Community Development – Staff Engineer City Administration – City Administrator Finance Department - Director

<b>NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE</b>	<b>TABLE 32-7</b>
<i>What local department is responsible for floodplain management?</i>	Public Services Department, Community Development
<i>Who is your floodplain administrator? (department/position)</i>	Public Services, Community Development - Zoning Administrator / Director
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	NO
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	09/2023 Ord. 1494; City Code 15.44
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	Unknown
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i>	NO
– <i>If so, please state what they are.</i>	N/A

Do your flood hazard maps adequately address the flood risk within your jurisdiction? – If no, please state why.	NO Accuracy of FIRM maps
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?	NO
Does your jurisdiction participate in the Community Rating System (CRS)? – If so, is your jurisdiction seeking to improve its CRS Classification? – If not, is your jurisdiction interested in joining the CRS program?	NO N/A NO

**COMMUNITY CLASSIFICATIONS****TABLE 32-8**

	<b>PARTICIPATING?</b>	<b>CLASSIFICATION</b>	<b>DATE CLASSIFIED</b>
Community Rating System	NO	N/A	N/A
Building Code Effectiveness Grading Schedule	YES	Com-4, Res-4	2011
Public Protection - Fire Insurance Rating	YES	3 within City limits	05/05/2020
Storm Ready	NO	N/A	N/A
Firewise	NO	N/A	N/A

**JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY**

Table 32-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

**NATURAL HAZARD EVENTS****TABLE 32-9**

<b>TYPE OF EVENT</b>	<b>EVENT DESCRIPTION / FEMA DISASTER #</b>	<b>DATE</b>	<b>PRELIMINARY DAMAGE ASSESSMENT</b>
<b>Volcanic Eruption (Mt. St. Helens)</b>	DR-624	05/22/1980	-
<b>Hail</b>	-	5/7/1996	-
<b>Severe Weather – Ice Storm</b>	DR-1154	01/04/1997	
<b>Thunderstorm Wind</b>	Strong gradient winds of 20-30 mph persisted for much of the day. Instability thunderstorms developed in the afternoon. Though the thunderstorms did not appear to be severe, the combination of the gradient wind and outflow from the thunderstorms produced severe winds.	4/4/2000	\$15,000 in property damage
<b>Hail</b>	Spotters in Kootenai Counties reported hail diameters ranging from 3/4 of an inch to one inch. Gusty downburst winds also accompanied some of these	6/10/2003	-

## NATURAL HAZARD EVENTS

TABLE 32-9

<b>Thunderstorm Wind</b>	storms with a report of a tree being blown down near Sandpoint and power lines downed near Priest River. On the evening of the 21st, a severe thunderstorm gust front moved across Kootenai County at around 715pm to about 815pm PST. The hardest hit towns were Post Falls and Rathdrum. In the town of Post Falls, many large trees were down along with about 10,000 homes without power. There were a few homes damaged by the winds. The town of Rathdrum had about 200 homes without power and trees down.	6/21/2005	-
<b>Hail</b>	During the morning of June 13th, a severe thunderstorm tracked out of southeast Washington into north Idaho. In Kootenai county, hail as large as golf ball size was observed in Post Falls. In addition, winds from this storm knocked down a row of tall pine trees near the intersection of highway 53 and Hauser Lake Road.	6/13/2006	-
<b>Hail</b>	A severe thunderstorm dumped nickel sized hail in Post Falls.	8/8/2008	-
<b>Flood</b>	Corbin Park flooded, unsafe conditions for park visitors.	4/ 2017	
<b>Funnel Cloud</b>	During the afternoon of June 9th scattered convective showers developed over north Idaho. A weak and short-lived funnel cloud formed near Rathdrum. Radar indicated some minor convective showers in the area but no rotational signatures.	6/9/2018	-
<b>Wind or Snow Storm</b>	Weather events resulted in property damage (including ROW obstruction) requiring Urban Forestry Staff to respond outside of normal working hours.	2/2019, 2/2020, 9/2020, 10/2020, 01/2021, 11/2022, 12/2024	-
<b>Wildfire / Forest Fire</b>	The 2023 Parkway Fire burned roughly 80-acres of the Post Falls Community Forest. The fire was caused by an unattended campfire.	8/4/2023	-

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## COMMUNITY CHALLENGES

- Population growth
- Underdeveloped Wastewater infrastructure
- Workforce Challenges
- Development
- Regional response for fires
- Public improvements are development driven

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Severe Drought:** South of I-90 and throughout town, mature trees stand prone to wildfire risk during droughts. Citywide grassland areas abutting residential neighborhoods are also prone to wildfire risk.

**Wildfire:** South of I-90 there are native forests prone to wildfire. These could also be prone to damage from invasive species, further increasing wildfire risk. There is also a city-owned radio repeater located on a hilltop south of Post Falls. Competing fires in the region may limit local response capacity. Areas south of the Spokane River have limited wildfire response access due to limited bridge crossings. The Spokane River designation as a navigable waterway limits the ability to construct additional bridges.

**Extreme Temperatures:** A long term cold snap poses risk to freezing pipes (4.5' depth to mains). The City also has a need for emergency response shelters, in the absence of which the City must coordinate with local groups in extreme cold conditions. Urban tree loss due to ice or snow events is a concern. As we become a more aged community there may be increased concerns over cold exposure to individual City residents.

**High Winds:** Throughout the City there are certain neighborhoods prone to trees falling due to high winds. Paired with drought/wildfire high winds lead to increased damage risk. High winds during construction may pose risks due to unfinished structures.

**Landslide:** There is a hillside along the Highlands neighborhood that is a landslide concern. Sections of land along the Spokane riverbank are dynamic and prone to washing out with time or high rain events.

**Pandemic:** There is the potential for a lack of staffing resources to provide adequate levels of service during a pandemic event. Increased demand on healthcare and emergency facilities and services is a concern, as well as increased demand for basic supplies which may lead to shortages of necessities. Increased demand on park usage is also a concern during a pandemic.

**Hazardous Materials/Pipeline Failure:** High-pressure petroleum lines run through Post Falls, running a risk of potential aquifer contamination. Freight vehicles and trains carrying hazardous materials on I-90 and the railroad pose a risk of spills. Proximity of residential neighborhoods to pipelines, the railroad, and I-90 pose a risk.

**Terrorism:** There are 4 water towers and multiple city wells that provide potable water that could be a target for terrorism. Cyber attacks are a threat to public security. Social unrest and riots may place increased demand on police services. Threat of terror attacks with weapons or vehicles at community events as well as schools, healthcare facilities, and public buildings is a possibility. Intentional forest fires are also a concern.

**Seismic Event:** Storage of citric acid and sodium hypo chloride at the wastewater treatment plant would be at risk of spills during an earthquake or explosive event. Water storage structures are also at risk due to seismic events. The City is built and designed around a low-seismic threshold which increases the vulnerability to damage during seismic events.

**HAZARD RISK RANKING**

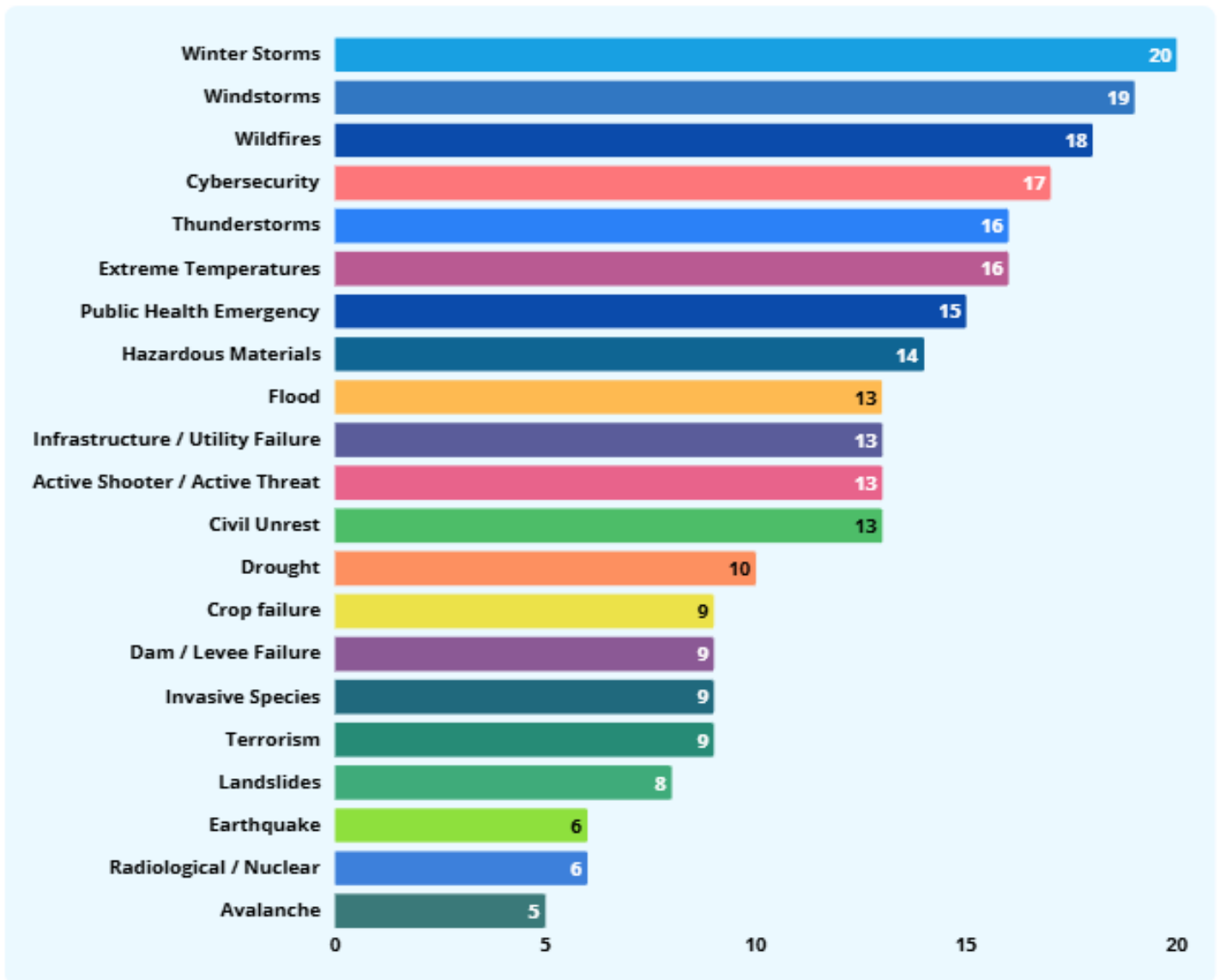


Figure 32-2 Hazard Risk Ranking Chart for City of Post Falls

## MITIGATION ACTION PLAN

Table 32-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 32-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
PF-1		X		Department heads have yet to discuss these issues.
PF-2	X			Brochure completed and provided to applicants
PF-3		X		Community Development has worked hard to keep this up to date.
PF-4		X		
PF-5		X		Community Development and Code Enforcement work on this regularly.
PF-6		X		ICRMP will not allow Police Department to use chainsaws. City is looking into purchasing more chainsaws for qualified staff.
PF-7		X		This was completed in the "Community Forest" in 2024, after a wildfire occurred.
PF-8		X		
PF-9		X		Expected completion end of June 2025

Table 32-11 lists the initiatives that make up the City of Post Falls hazard mitigation action plan, including new mitigation initiatives (*New initiatives will have \* next to the action number*). Table 32-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 32-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
PF - 1	<i>Evaluate the redundancy of critical infrastructure and the ability of critical infrastructure to continue performing operations during hazard event.</i>					
	All Hazards	3, 4, 5, 6, 8, 9	CITY	LOW	LOCAL	SHORT TERM
PF - 2*	<i>*NEW* Purchase additional road clearing equipment / de-icer in the event of severe winter weather</i>					
	Winter Storms	3, 6	CITY	150K -500K\$	LOCAL, GRANTS	SHORT TERM
PF - 3	<i>Continue to maintain compliance and good standing under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:</i>					
	Flood	3, 4, 5, 6	CITY	LOW	LOCAL	ONGOING
PF - 4	<i>Identify on cable TV and City web site public educational information. Would include public service announcement such as raising awareness of potential risks and threats. City will continue to incorporate current technology platforms (cable TV, Facebook, web site, etc.). To communicate efficiently to the local area.</i>					
	All Hazards	1, 3, 4, 6	CITY	LOW	LOCAL	ONGOING
PF - 5	<i>Address stream bank erosion to protect city property, infrastructure, roads, and trails.</i>					

HAZARD MITIGATION PLAN MATRIX

TABLE 32-11

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
	Flood, Landslide	3, 4, 6	CITY	MEDIUM	LOCAL	ONGOING
PF - 6	<i>Purchase chainsaws for departments which must travel during windstorms. Expected departments are Public Services, Parks, and Police.</i>					
	Windstorms	3, 6	CITY	LOW	LOCAL	SHORT TERM
PF - 7	<i>Remove fuel load and install fire breaks in existing and newly purchased City-owned timbered properties.</i>					
	Wildfire	3, 4, 5, 6	CITY	MEDIUM	LOCAL	SHORT TERM
PF - 8	<i>Educate members of the public concerning fire ecology and the need for fuels management.</i>					
	Wildfire	1, 3, 5	CITY	LOW	LOCAL	ONGOING
PF - 9	<i>Develop emergency shelter facilities in case of natural disaster or pandemic.</i>					
	All Hazards	1, 4, 6	CITY	LOW	UNKNOWN	LONG TERM
PF - 10*	<i>*NEW* Improve firewalls and use disaster recovery sites, train users to prevent phishing scams and unauthorized access.</i>					
	Cybersecurity	1, 3, 4, 6	CITY	\$150,000	LOCAL	SHORT TERM
PF - 11*	<i>*NEW* City Arborist to work with Avista and educate homeowners to mitigate the risk of fallen trees</i>					
	Windstorms	3, 6	CITY	\$150,000	LOCAL	MEDIUM TERM
PF - 12*	<i>*NEW* Educate homeowners about wildfire risks and provide resources to reduce risks.</i>					
	Wildfires	1, 3, 5	CITY	\$200,000	LOCAL, GRANTS	MEDIUM TERM
PF - 13*	<i>*NEW* Educate staff and Community on how to reduce risk, prepare for response, and work on reunification.</i>					
	Active Threat	1, 3, 5	CITY	\$50,000	LOCAL, GRANTS	SHORT TERM

MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 32-12

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
PF-1	High	6	Low	Medium	Exceeds
PF -2*	High	2	High	High	Equals
PF -3	Low	4	Low	Low	Equals
PF -4	Low	4	Medium	Low	No
PF -5	Low	3	Medium	Medium	Equals
PF -6	Medium	2	Low	Medium	Exceeds
PF -7	Medium	4	Medium	High	Exceeds
PF -8	Medium	3	Low	Medium	Exceeds
PF -9	Medium	3	Low	Medium	Exceeds
PF -10*	High	4	Medium	High	Exceeds
PF -11*	High	2	Medium	Medium	Equals
PF -12*	Medium	3	Medium	Medium	Equals
PF -13*	Medium	3	Low	Medium	Exceeds

See the introduction to this Volume for explanation of priorities.

## CHAPTER 33 CITY OF RATHDRUM ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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8047 W. Main  
Rathdrum, Idaho 83858  
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#### ALTERNATE

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Rathdrum. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

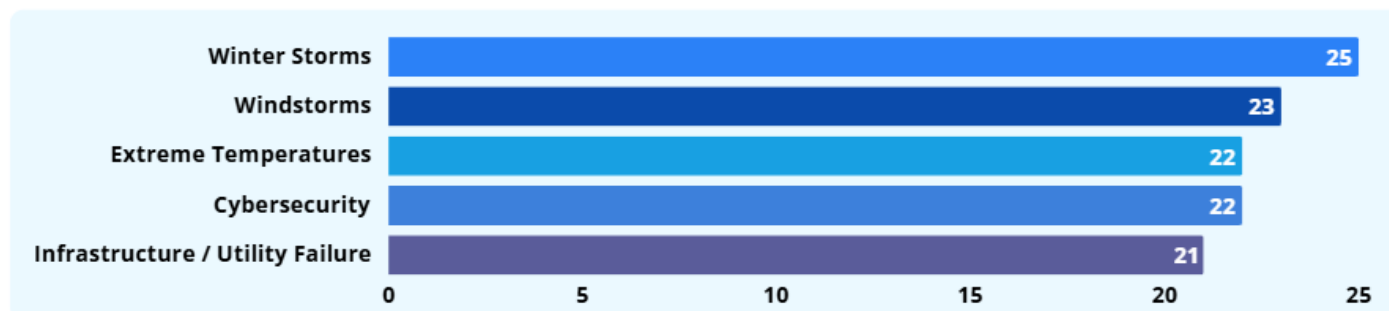


Figure 33-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 33-1
CURRENT POPULATION	DATE OF INCORPORATION	POPULATION GROWTH
<b>11,580</b> (2023 U.S. Census estimate) (approximately 12,343 in 2024)	1881	Increased by approximately 25.7% between 2020 and 2023 (2023 U.S. Census estimate)

CRITICAL FACILITIES								TABLE 33-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
4	6	0	0	5	1	0	4	<b>20</b>

CRITICAL INFRASTRUCTURE						TABLE 33-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL	
1	5	4	2	0	<b>12</b>	

## OVERVIEW

The City of Rathdrum is located at the intersection of Idaho State Highways 53 and 41 on the western edge of the Idaho Panhandle. Beautiful, forested mountains outline the city's northern and western skies. To the south lies the Rathdrum Prairie. The city is administered through a strong mayor form of government, made up of a four-member city council with the mayor separately elected and acting as administrative officer. The average age of city residents is 35.8 years old with an average median household income of \$86,431 in 2023 dollars. An estimated 9.9% of the population lives below the poverty line (2023 U.S. Census Bureau). Approximately 16.9% of the population under 65 does not have health insurance and 8.3% under 65 live with a disability. (2023 U.S. Census Bureau) Approximately, 11.6% of the population does not have health insurance and 11.2% under 65 live with a disability (2023 U.S. Census Bureau).

## BRIEF HISTORY

Being one of the oldest towns in the Idaho Panhandle and the original county seat of Kootenai County, Rathdrum is rich in its social and cultural significance. Over a hundred years ago, Rathdrum served as a crossroads, joining a wagon road from the Coeur d'Alene mining district to rail traffic on the transcontinental Northern Pacific charter line. Before the railroad, Rathdrum had been the site of the first pony express mail rest station west of Steamboat Landing on Lake Pend Oreille. The earliest inhabitants to the area consisted of members from various Native American tribes. The area had been known to the Indians as the place where the southern extension of the "Great Road of the Flatheads" turned west across the Prairie and on toward the falls of the Spokane River.

Rathdrum was originally named "Westwood" after Charles Wesley Wood, local pony express rider, rancher and land developer. In the late 1860s, a pony express relay station was established in Rathdrum. The early 1880s was also a time when the city's economy surged. M.D. Wright got the contract to build railroad ties for the Hauser to Coeur d'Alene spur. The lead, zinc and silver mines of the Silver Valley, east of Coeur d'Alene were developing. Many of those traveling to the Silver Valley stopped at Rathdrum for supplies. The city had grocery and general merchandise stores, saloons, hotels, restaurants, blacksmiths, liverys, a justice of the peace, a post office, two banks, a creamery, a newspaper called The Rathdrum Courier, churches, schools and a fraternal hall.

The 1881 construction of the railroad and designation of Rathdrum as Kootenai County's seat were pivotal for the city's growth and vitality. Around the time of its incorporation that year, Rathdrum thrived as a tourist town, with up to five passenger trains daily and nearby lakes—Hauser, Twin, and Spirit—drawing visitors. Brick became the favored building material, exemplified by St. Stanislaus Roman Catholic Church, the oldest brick church in Idaho.

In 1883, Frederick Post built a mountain water system later sold to stockholders led by Henry Reininger. With a population of about 1,000, Rathdrum even outpaced Spokane Falls (now Spokane). Growth stalled after a devastating 1884 fire destroyed fifty-five buildings and six city blocks, but demand for goods following a major ore discovery soon spurred reconstruction.

In 1886 the railroad to Coeur d'Alene was completed and Rathdrum began competing with Coeur d'Alene for business. Rathdrum started losing population to Coeur d'Alene. In 1908 the county seat was moved to Coeur d'Alene and Rathdrum's political influence dissipated and many County employees moved to Coeur d'Alene. In 1924, another fire started in town. It burned most of the businesses on the south side of Main Street where there was less water from the railroad supply. After the fire, only a few businesses rebuilt. The town maintained a small- town atmosphere thereafter and in 1970 had a population of 741.

In 1980 the city had grown to 1,389 and in 1990, 2,000. The city has since experienced significant growth with the current population estimated to be 7,650. Part of this growth has come from the spillover effect of rapid growth in neighboring cities. This includes younger families who commute to other cities for work but are looking for more affordable housing. It also includes an increasing number of retirees looking for their dream home near public forests but close to urban amenities.

## GOVERNING BODY FORMAT

The City is governed by a mayoral/council form of government with 4 City Council Members and a Mayor all of which are elected to 4-year terms. This body will assume responsibility for the implementation and adoption of this plan. The City Council is the legislative and policy making body for the City of Rathdrum. They are each elected to a four-year term. It is the council's responsibility to make and pass laws, including the budget, for the city. The Mayor and Councilors are a dedicated group who are committed to serving the citizens of Rathdrum. Services provided by the City include: Public Services including Public Works, Community Development, Parks and Recreation, and Police.

## DEVELOPMENT TRENDS

The developed city extends from the area north of Highway 53, south along both sides of Highway 41 to Wyoming Road and east to almost Huetter Road. The residential makeup of the community is primarily single-family homes with a mix of multi-family units.

There are two commercial centers located in the northerly portion of town, commercial corridors along Highway 53 and traveling south along Highway 41, and a commercial downtown district area. The City is planning to revitalize the downtown area located along Main Street between Coeur d'Alene and Grey Streets.

The main line of the Burlington Northern Santa Fe Railroad runs through town creating a transportation barrier due to the provision of only three crossings located at Greensferry Road, Mill Street and Highways 53/41. The Bonneville Power Administration line and Pacific Gas Transmission lines run from the northeast to the southwest parts of town creating a challenge for future development as well as concerns for public safety and evacuations in those areas.

Numerous subdivisions have been developed and continue to develop, providing, and continuing to provide, a range of opportunities for residential growth. Currently, approximately 30% of the city is zoned Industrial or Commercial.

Sewer and water master planning and infrastructure is in place to support current activity and short-term future development. Public water system capacities and structures are in place to continue to provide service to new growth, with a new well needed to meet demand in the next five 5 years. A major sewer lift station (Lift Station #4) has been constructed to provide service for future development.

At this time, a couple of new subdivisions or phases of existing subdivisions are currently being developed. The city also has received confirmation of several new commercial businesses that are working on development plans in the city. In the past year, the city has approved two annexations. There have been recent inquiries as to additional annexations into the city that we may see in the near future. Most of these inquiries are for infill properties, but there are a couple that would extend the boundaries of the city if approved.

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 33-4. An assessment of fiscal capabilities is presented in Table 33-5. An assessment of administrative and technical capabilities is presented in Table 33-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 33-7. Classifications under various community mitigation programs are presented in Table 33-8.

<b>LEGAL AND REGULATORY CAPABILITY</b>		<b>TABLE 33-4</b>
<b>CODES, ORDINANCES, &amp; REQUIREMENTS</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Building Code	International Residential Code 2018 Edition Section R403.1.3.1, (12/2020)	YES
Zoning Code	TITLE 15: Zoning and Permitted Uses Ordinance, (2/2025)	YES
Subdivisions	TITLE 12: Subdivision Ordinance, (3/2025)	YES
Stormwater Management	Rathdrum City Code Section 15-6-1(C), (12/2023)	YES
Post-Disaster Recovery	All Hazardous Mitigation Plan, (2021)	NO
Real Estate Disclosure	None	NO
Growth Management	None	NO
Site Plan Review	Rathdrum City Code Section 15-5-13, (12/2023)	YES
Public Health and Safety	Rathdrum City Code Title 4, (2020)	YES
Environmental Protection	None	NO
<b>PLANNING DOCUMENTS</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	Update adopted in 2021	YES
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>  <i>How often is the plan updated?</i>	Roads, water, sewer 5-years Capital Improvement Plan- streets,(2023), Capital Improvement Plan- water/sewer- (2025)	YES
Floodplain or Basin Plan	Flood Damage Prevention Plan, updated (4/13/2010)	YES
Stormwater Plan		NO
Habitat Conservation Plan		NO
Economic Development Plan		NO
Shoreline Management Plan		NO
Community Wildfire Protection Plan		NO
<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Comprehensive Emergency Operations Plan	Emergency Operation Plan, update planned for 2025	YES
Threat & Hazard Identification & Risk Assessment	Emergency Operation Plan, update planned for 2025	YES
Terrorism Plan		NO
Post-Disaster Recovery Plan		NO
Continuity of Operations Plan	All Hazardous Mitigation Plan 2021 and Emergency Operation Plan	YES
Public Health Plan		NO

**FISCAL CAPABILITY****TABLE 33-5**

<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	YES
<i>Capital Improvements Project Funding</i>	YES
<i>Authority to Levy Taxes for Specific Purposes</i>	YES
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	YES
<i>Incur Debt through General Obligation Bonds</i>	YES
<i>Incur Debt through Special Tax Bonds</i>	YES
<i>Incur Debt through Private Activity Bonds</i>	YES
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	NO
<i>State-Sponsored Grant Programs</i>	YES
<i>Development Impact Fees for Homebuyers or Developers</i>	YES
<i>Other</i>	YES

**ADMINISTRATIVE AND TECHNICAL CAPABILITY****TABLE 33-6**

<b>STAFF/PERSONNEL RESOURCES</b>	<b>AVAILABLE?</b>	<b>DEPARTMENT/AGENCY/POSITION</b>
<i>Planners or engineers with knowledge of land development and land management practices</i>	Yes	Community Development/City Engineer Community Development/City Planner
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	Community Development/City Building Official Community Development /City Engineer
<i>Planners or engineers with an understanding of natural hazards</i>	YES	Community Development /City Engineer Community Development /City Building Official Community Development /City Planner Public Works/Public Works Director
<i>Staff with training in benefit/cost analysis</i>	YES	City Treasurer/City Administrator
<i>Surveyors</i>	YES	Contracted out
<i>Personnel skilled or trained in GIS applications</i>	YES	Community Development/City Planner Community Development/Associate Planner
<i>Scientist familiar with natural hazards in local area</i>	YES	Northern Lakes Fire Protection District
<i>Emergency manager</i>	YES	City Administrator/City Police Chief
<i>Grant writers</i>	YES	City Staff/Contracted out

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE	TABLE 33-7
<i>What local department is responsible for floodplain management?</i>	Community Development
<i>Who is your floodplain administrator? (department/position)</i>	Community Development/City Planner
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	Yes
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	May 3, 2010
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	N/A
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i> – <i>If so, please state what they are.</i>	NO
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i> – <i>If no, please state why.</i>	YES
<i>Does your floodplain management staff need any assistance or training to support its floodplain management program?</i> – <i>If so, what type of assistance/training is needed?</i>	NO
<i>Does your jurisdiction participate in the Community Rating System (CRS)?</i> – <i>If so, is your jurisdiction seeking to improve its CRS Classification?</i> – <i>If not, is your jurisdiction interested in joining the CRS program?</i>	NO N/A NO

COMMUNITY CLASSIFICATIONS	TABLE 33-8		
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
<i>Community Rating System</i>	NO	N/A	N/A
<i>Building Code Effectiveness Grading Schedule</i>	NO	10/10	N/A
<i>Public Protection - Fire Insurance Rating</i>	YES	4	2009
<i>Storm Ready</i>	NO	N/A	N/A
<i>Firewise</i>	NO	N/A	N/A

### JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 33-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

NATURAL HAZARD EVENTS			TABLE 33-9
TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
<b>Floods</b>	The city has experienced several small-scale floods on public and private lands.	February-March 2025 (every spring)	\$1,000 in property damage
<b>Wind</b>	A windstorm caused a tree branch to fall across the street, causing an obstruction that required immediate removal by city staff.	Summer 2024	\$500
<b>Winter Storms/ Extreme Weather</b>	The city has experienced several extreme drops and spikes in temperature throughout the past several years, including many large snow falls requiring mobilization of our staff for snow removal in order to allow for emergency services to continue operation and citizens will unobstructed travel lanes.	2020-2025	\$50,000 per year for snow removal
<b>Man-made Hazards: Cybersecurity Active Shooter</b>	The city has had several cybersecurity threats that it has been able to deal with without further issues. Lakeland High School, a public school located within Rathdrum, has experienced a couple of active shooter threats that required it be shut down and our police department to respond.	2020-2025	NA

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## COMMUNITY CHALLENGES

- Communication
- Population growth
- Resilient Infrastructure

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Dam Failure/Flooding:** There are certain areas of Rathdrum that the City is aware of concerning potential dam and levee failure vulnerability: Elmore Street, Post and Gray, Willow Creek Subdivision, Boekel Rd. to the east of Meyer, and City Park off of Highway 53 and Rathdrum Creek. Furthermore, there are several vulnerable areas, including around the creek, within the Floodplain and Floodway, and the subdivisions located at the base of Rathdrum Mountain in which localized spring snow melt flooding occurs regularly and larger flooding issues are a concern, as well as the Rathdrum City Hall and Police Department which due to those public facilities’ location near the Floodplain makes them vulnerable to possible larger-scale floods.

**Infrastructure Failure:** There is a sewer pipeline running through town and towards the Post Falls Sewer Treatment Plant.

**Utility/Power Failure:** Power in Rathdrum could be impacted by a failure at the Rathdrum Power Plant and Avista substation.

**Hazardous Materials:** There is infrastructure throughout the city that could pose a risk for hazardous materials incidents, including the Trans-Canada Pipeline that runs through town, the BNSF Railroad with double tracks and a fueling station, the Union Pacific Railroad on the south-east side of town, and the Rathdrum Power Plant and Avista Substation. There is also a very active rail line (60 trains per day) that run adjacent to the Police Department and Rathdrum City Hall.

**Active Shooter:** The following schools within Rathdrum could be a target for active shooter events: Betty Kiefer Elementary, John Brown Elementary, Lakeland Jr. High, Lakeland High School, Mountain View Alternative School, STEM Charter Academy, KTEC Technical High School, and NIC's Parker Technical Campus. The following public buildings could be a target for active shooter events: Rathdrum City Hall, Rathdrum Parks and Recreation, and Rathdrum Police Department. These buildings are old and lack the protective elements needed to efficiently stop an active shooter attack from causing significant damage. Should any of these buildings or the people in them take damage, certain necessary city services could be shut down.

**Wildfire:** The City limits run adjacent to a densely forested area known as Rathdrum Mountain. A large part of the adjacent mountain property is owned and maintained by the City. There has not been a tree harvest in approximately a decade. This means that there is quite a bit of overgrowth and dead trees present, increasing the chance for a wildfire. In the event of a wildfire on the mountain, it could easily burn through the older side of the City, north of Highway 53. The Rathdrum City Hall and Police Department are located adjacent to the older side of the City. These public buildings are at risk should wildfire burn through the older side of the city.

**Windstorms:** Wind events have been prevalent across the Rathdrum Prairie for decades and can cause devastating results. The City contains many older trees that are vulnerable to windstorms, which if affected, can cause damage to streets and other public infrastructure, potentially cutting off evacuation and emergency services routes. There are also concerns regarding power failures and wildfires in windstorms.

**Extreme Weather/Snow Events:** The City of Rathdrum, being adjacent to a mountain and next to a snow belt, receives quite a bit more snow than some of its neighboring cities. The City also has a somewhat vulnerable older population, with the average age of citizens being in the mid to late 50s. Because of this, extreme weather, including snow events, can cause concern over utility failure, power failure, street blockages, availability of adequate domestic water, and clear routes for evacuations and emergency services. The Rathdrum Police department is located in a small facility on Main Street where officer access to the facility takes place in a small back alley. During snowstorms, this access to and from the facility can become limited, which creates a concern as to response time.

**Cyberattack:** An issue that has become more prevalent in recent years is the City's vulnerability to cyberattacks. Neighboring cities have already been compromised several times, which shows that cities are vulnerable. In the event of a cyberattack, attackers typically shut down the city's systems until paid off. This could cause utility failure, city services failure, and a failure of providing emergency services if the police department was compromised.

**Communications Failure:** The Rathdrum City Hall, Police Department, and Parks and Recreation Department are all located in separate old buildings lacking in new-age technological infrastructure. There is a concern that in times of emergencies, the staff located in these different buildings would struggle to communicate with each other as well as outside needed sources. This hazard creates a lack of efficiency and effectiveness in providing a response to an emergency. The City has no central location that has the capabilities to act as an operations and communication center that could be used in the event of an emergency.

**HAZARD RISK RANKING**

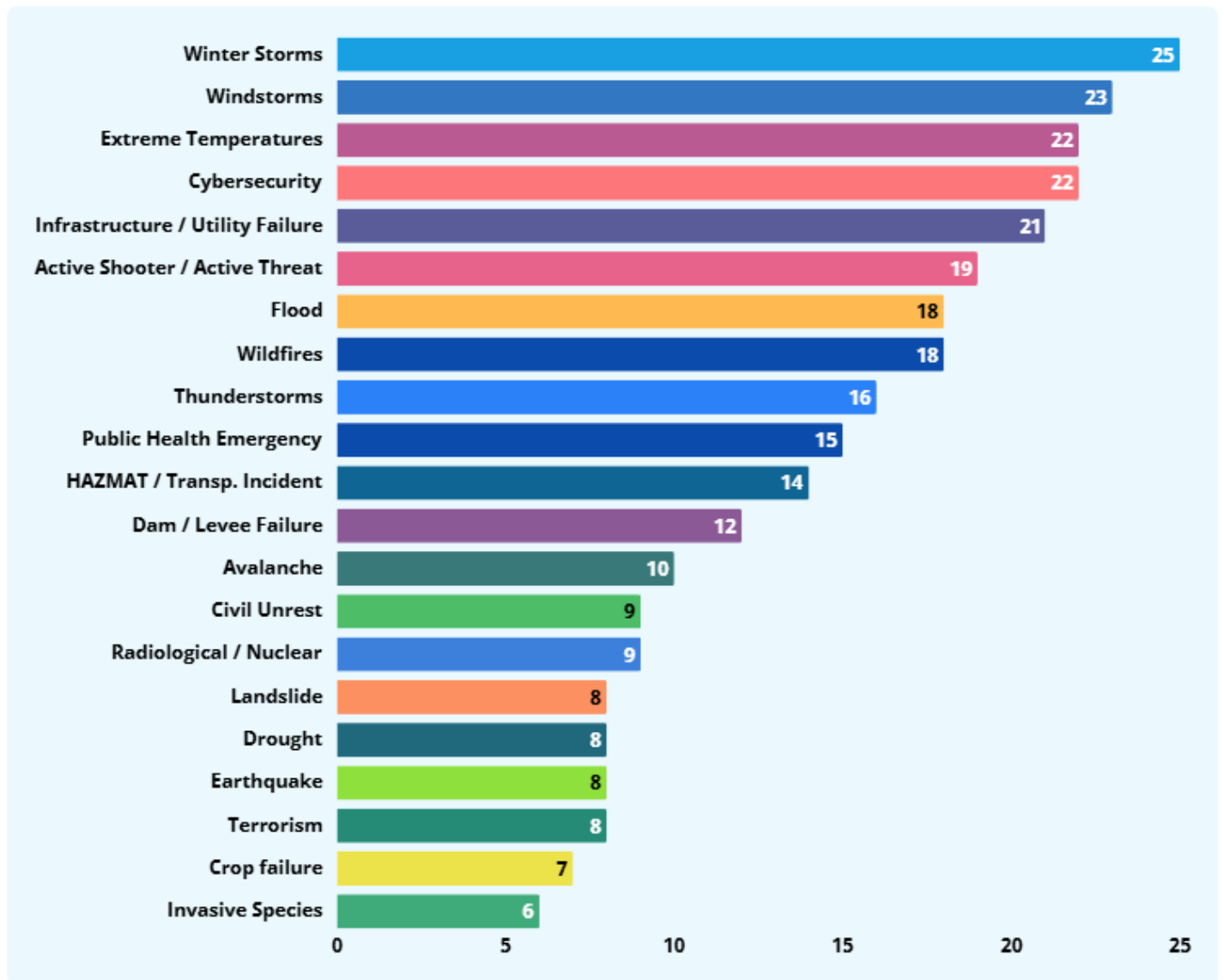


Figure 33-2 Hazard Risk Ranking Chart for City of Rathdrum

## MITIGATION ACTION PLAN

Table 33-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 33-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
R-1		X		Annual reduction actions & education actions
R-2			X	
R-3	X			
R-4		X		Annual educational action
R-5		X		Ongoing
R-6		X		Ongoing
R-7		X		Ongoing
R-8		X		Ongoing
R-9		X		Ongoing
R-10		X		Ongoing
R-11		X		Ongoing
R-12		X		Ongoing
R-13		X		Ongoing
R-14		X		Ongoing
R-15		X		Ongoing
R-16		X		Ongoing
R-17			X	

Table 33-11 lists the initiatives that make up the City of Rathdrum hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 33-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 33-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
<b>R – 1</b>	<i>Revised 2026: Complete a survey of the forested area on Rathdrum Mountain and participate in a selective harvest to reduce wildfire fuel; invest in ongoing forest management of Rathdrum Mountain. Implementation of fire breaks between the Mountain and city communities</i>					
	<b>Wildfire</b>	<b>1, 3, 4, 5, 6</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL, WUI, FMAP</b>	<b>SHORT TERM</b>
<b>R – 2*</b>	<i>*NEW* Invest in improved equipment and staff for efficient and effective snow removal; invest in resilient infrastructure to provide backup systems in times of need. Invest in backup generator at City Hall to run utility, communications, and emergency systems if power goes out from weather.</i>					
	<b>Winter Storms, Extreme Temperatures</b>	<b>3, 4, 5, 6</b>	<b>CITY</b>	<b>\$250,000</b>	<b>LOCAL</b>	<b>LONG TERM / ONGOING</b>
<b>R – 3*</b>	<i>*NEW* Assess old trees and other hazards within the city that pose dangers to infrastructure in windstorms and remove or reinforce as necessary.</i>					
	<b>Windstorms</b>	<b>4, 5, 6</b>	<b>CITY</b>	<b>\$50,000</b>	<b>LOCAL</b>	<b>LONG TERM / ONGOING</b>

## HAZARD MITIGATION PLAN MATRIX

TABLE 33-11

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
R - 4	<i>Provide public education regarding; a) recommended actions to prevent wildfire, b) emergency procedures and c) evacuation instructions.</i>					
	Wildfire, Flood, Severe Weather Earthquake	1, 3, 5	CITY	LOW	LOCAL, WUI, FMAP	SHORT TERM
R - 5	<i>Provide information on the city web page regarding recommended actions in the event of a wildfire.</i>					
	Wildfire	1, 3, 5	CITY	LOW	LOCAL, WUI, FMAP	SHORT TERM
R - 6	<i>Continue to monitor and remove snow from roofs of public buildings and critical facilities as necessary.</i>					
	Severe Weather	3, 6	CITY	LOW	LOCAL	SHORT TERM
R - 7	<i>Promote the flagging of fire hydrants for quick location in heavy snow.</i>					
	Severe Weather	3, 6	CITY	LOW	LOCAL	SHORT TERM
R - 8	<i>Maintain the International Building Code in the building review/permitting process.</i>					
	All Hazards	4, 5, 9	CITY	LOW	LOCAL	SHORT TERM
R - 9	<i>Work with private industry to improve storage and containment of hazardous materials.</i>					
	HAZMAT	1, 2, 3, 4, 5, 9	CITY	LOW	LOCAL	SHORT TERM
R - 10	<i>Maintain communication with other agencies involved with emergency services addressing hazardous materials and coordinate appropriate actions.</i>					
	HAZMAT	1, 2, 3, 4, 5, 9	CITY	LOW	LOCAL	SHORT TERM
R - 11	<i>Maintain and/or retrofit lift stations located in low-lying areas or whose entry hatches are flush with ground level to address potential flood concerns.</i>					
	Flood / Severe Weather	3, 4, 5, 6, 9	CITY	LOW	LOCAL	SHORT TERM
R - 12	<i>Map locations of storm drains, catch basins and dry wells so that they may be located and cleared after heavy snowfalls to prevent localized flooding.</i>					
	Flood / Severe Weather	1, 3, 4	CITY	LOW	LOCAL	SHORT TERM
R - 13	<i>Revised 2026: Provide information on the city web page regarding recommended cautions in the event of a flood, including actions citizens can take to mitigate flood risks on private property.</i>					
	Flood	1, 3, 5	CITY	LOW	LOCAL	SHORT TERM
R - 14	<i>Review and updated the City's Flood Management Ordinance to ensure compliance with the National Flood Insurance Program.</i>					
	Flood	4, 9	CITY	LOW	LOCAL	SHORT TERM
R - 15	<i>Continue to maintain compliance and good standing under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:</i>					
	-	<i>Enforcement of the adopted flood damage prevention ordinance</i>				
-	<i>Participating in floodplain identification and mapping updates</i>					
-	<i>Providing public assistance/information on floodplain requirements and impacts.</i>					

HAZARD MITIGATION PLAN MATRIX						TABLE 33-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
	Flood	3, 4, 5, 6	CITY	LOW	GENERAL FUND	ONGOING
R - 16	<i>Revised 2026: Relocation of City Hall, the Police Department, and the Parks and Recreation Department to a location that can be fortified and protected against flood, wildfire, and extreme weather risks, as well as can be outfitted with technology and protective infrastructure/architecture to protect against cyberattacks and active shooter.</i>					
	All Hazards	1, 3, 4, 6	CITY	\$15 Million	GENERAL FUND	SHORT TERM
R - 17*	<i>*NEW* Invest in resilient technological infrastructure and backup systems as needed. Implement staff training and practice; implement procedures in case of attack and systems shut down</i>					
	Cybersecurity	3, 4, 6	CITY	\$200,000	LOCAL	LONG TERM / ONGOING
R - 18*	<i>*NEW* Acquire/build a new Emergency Operations Center in Rathdrum in a central and accessible location near the police department to coordinate communications for the city and areas to the north; implement dedicate phone and internet lines to use in emergency situations; implement methods of communication that can be used between staff in emergencies such as radios; ensure updated phone number lists are distributed to staff; create and implement procedures for emergency communication; invest in backup generator at City Hall to run utility, communications, and emergency systems if power goes out in an emergency situation.</i>					
	Utility Failure	1, 3, 5, 6	CITY	HIGH	LOCAL / GRANT	SHORT TERM

MITIGATION STRATEGY PRIORITY SCHEDULE					TABLE 33-12
ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
R-1	Medium	5	Low	Medium	Exceeds
R-2*	High	4	High	High	Equals
R-3*	Low	3	Medium	Medium	Equals
R-4	Medium	3	Low	Medium	Exceeds
R-5	Medium	3	Low	Low	Equals
R-6	Medium	2	Low	High	Exceeds
R-7	Medium	2	Medium	High	Exceeds
R-8	Medium	3	Low	High	Exceeds
R-9	Medium	6	Medium	High	Exceeds
R-10	Medium	6	Low	Medium	Exceeds
R-11	High	5	High	High	Equals
R-12	High	3	High	High	Equals
R-13	Medium	3	Low	High	Exceeds
R-14	Medium	2	Low	Medium	Exceeds
R-15	High	4	Low	Medium	Exceeds
R-16	High	4	Medium	High	Exceeds
R-17*	Medium	3	High	High	Equals
R-18*	High	4	High	High	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 34 CITY OF SPIRIT LAKE ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Michelle Wharton, City Clerk  
PO Box 309  
6042 W. Maine St.  
Spirit Lake, ID 83869  
Telephone: 208-623-2131  
cityclerk@spiritleakeid.gov

#### ALTERNATE

Tim Wilkerson, Public Works Director  
PO Box 309  
6042 W. Maine St.  
Spirit Lake, ID 83869  
Telephone: 208-946-8092  
tim@spiritleakeid.gov

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the City of Spirit Lake. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

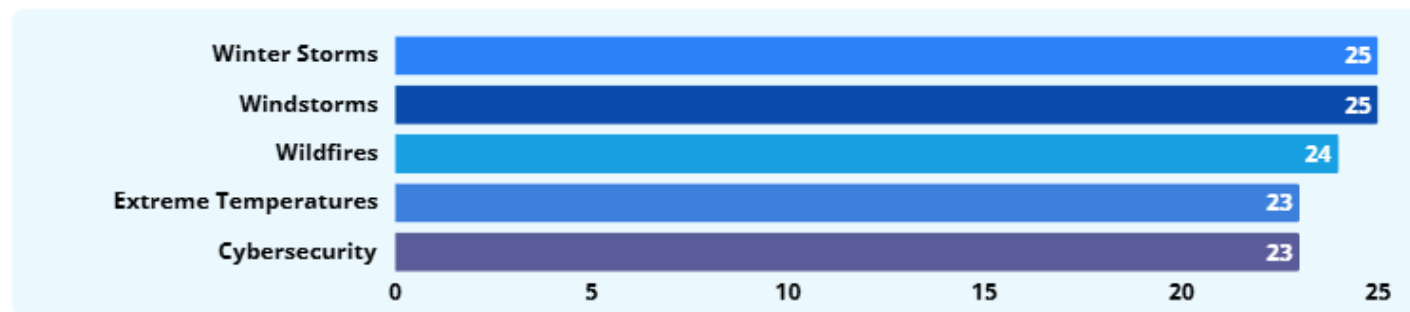


Figure 34-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 34-1
CURRENT POPULATION	DATE OF INCORPORATION	POPULATION GROWTH
2,479 (2023 U.S. Census estimate)	1908	Increased by approximately 21.5% between 2010 and 2023 (U.S. Census estimate)

CRITICAL FACILITIES								TABLE 34-2
GOVT. FUNCTIONS	SCHOOLS	TRANSP.	MED. / HEALTH	FIRE	POLICE	EMERGENCY OPERATIONS	HAZMAT	TOTAL
1	3	4	0	2	1	0	0	11

CRITICAL INFRASTRUCTURE					TABLE 34-3
BRIDGES	WATER SUPPLY	WASTEWATER	POWER	COMMUNICATIONS	TOTAL
1	0	3	0	2	6

## OVERVIEW

The City of Spirit Lake is located in the northwest corner of Kootenai County and within one mile of its border with Bonner County. Spirit Lake is bordered by Highway 54, Highway 41 and Spirit Lake. The community has a small downtown core with a historic district. The Spirit Lake area is heavily wooded with varying grades and slopes. This community and the surrounding area are partially located over the Rathdrum Prairie Aquifer. Spirit Lake, the water feature from which the city derives its name, is a very shallow lake and has had water quality issues in the past several years. The City of Spirit Lake has an average resident age of 36.9 years.

## BRIEF HISTORY

The name “Spirit Lake” is derived from a Native American legend that explains the Salish name Tesemini (“Lake of the Spirits”). In the legend, a young brave and an Indian chief’s daughter eloped. When pursued, the brave took the girl into his arms and jumped into the lake. Their bodies were never found.

The City of Spirit Lake was formed through the development of the Panhandle Lumber Company by Frederick Blackwell and Associates. In 1907, the Spirit Lake Land Company formed to sell lots. Within two years, the town had a business district, a grade school, a high school, organized sports, churches, and fraternal organization. The town’s infrastructure was replete with electric lights, concrete walks and telephones.

## GOVERNING BODY FORMAT

The City of Spirit Lake has a Mayor-Council form of government with 4 City Council Members and a Mayor, all of which are elected to 4-year terms. This body will assume responsibility for the implementation and adoption of this plan.

## DEVELOPMENT TRENDS

Spirit Lake has adopted a large area of city impact, extending to the county border to the north and approximately 5 miles to the west, surrounding Spirit Lake. Once sewer and water systems are expanded there will be greater potential for new development in all directions. Vulnerability of new and future development is primarily from wildfire, as the city is surrounded by heavily wooded areas within the wildland urban interface. Flood zones are present around Spirit Lake and north of the city limits. Future development on the shoreline and at the west and north end of Spirit Lake are vulnerable to flooding. Spirit Lake participates in the NFIP. There are no known hazardous material storage sites in Spirit Lake but Highway 41 runs through the center of the city and Highway 54 intersects at the south limits to the city.

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in Table 34-4. An assessment of fiscal capabilities is presented in Table 34-5. An assessment of administrative and technical capabilities is presented in Table 34-6. Information on National Flood Insurance Program (NFIP) compliance is presented in Table 34-7. Classifications under various community mitigation programs are presented in Table 34-8.

<b>LEGAL AND REGULATORY CAPABILITY</b>		<b>TABLE 34-4</b>
<b>CODES, ORDINANCES, &amp; REQUIREMENTS</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Building Code	IBC 2018, IRC 2018 – Ordinance #619 (12/29/2020)	YES
Zoning Code	Ordinance #619, (12/29/2020)	YES
Subdivisions	Ordinance #427, (07/30/1998)	YES
Stormwater Management	Ordinance #380, (05/02/1994)	YES
Post-Disaster Recovery		NO
Real Estate Disclosure		NO
Growth Management	Ordinance #396, (04/03/1995)	YES
Site Plan Review	Ordinance #604, (10/16/2019)	YES
Public Health and Safety	City of Spirit Lake Code – Title 4 Ordinance #520, (8/12/2008)	YES
Environmental Protection	Ordinance #348, (6/16/1990)	YES
<b>PLANNING DOCUMENTS</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
General or Comprehensive Plan	City of Spirit Lake Comprehensive Plan Update, 2007	YES
<i>Is the plan equipped to provide linkage to this mitigation plan?</i>	Yes	
Capital Improvement Plan	Parks, Police, Water Supply & Storage, Wastewater Treatment, Pathway Circulation	YES
<i>What types of capital facilities does the plan address?</i>	5-years	
<i>How often is the plan updated?</i>	Development Impact Fee Program/Capital Improvement Plan	
Floodplain or Basin Plan	Ordinance 537, Adopted 4/13/2010 eff. 5/3/2010	YES
Stormwater Plan	Ordinance 380, Adopted 05/02/1994	YES
Habitat Conservation Plan		NO
Economic Development Plan		NO
Shoreline Management Plan		NO
Community Wildfire Protection Plan	Kootenai County Community Wildfire Protection Plan	NO
<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
		YES
Comprehensive Emergency Operations Plan	2024 Kootenai County Emergency Operation Plan	
Threat & Hazard Identification & Risk Assessment		YES
Terrorism Plan		YES
Post-Disaster Recovery Plan		YES
Continuity of Operations Plan		YES
Public Health Plan		YES

**FISCAL CAPABILITY****TABLE 34-5**

<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	YES
<i>Capital Improvements Project Funding</i>	YES
<i>Authority to Levy Taxes for Specific Purposes</i>	YES
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	YES
<i>Incur Debt through General Obligation Bonds</i>	YES
<i>Incur Debt through Special Tax Bonds</i>	YES
<i>Incur Debt through Private Activity Bonds</i>	NO
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	YES
<i>State-Sponsored Grant Programs</i>	YES
<i>Development Impact Fees for Homebuyers or Developers</i>	YES
<i>Other</i>	YES

**ADMINISTRATIVE AND TECHNICAL CAPABILITY****TABLE 34-6**

<b>STAFF/PERSONNEL RESOURCES</b>	<b>AVAILABLE?</b>	<b>DEPARTMENT/AGENCY/POSITION</b>
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES	JA Sewell & Associates
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES	JA Sewell & Associates
<i>Planners or engineers with an understanding of natural hazards</i>	YES	JA Sewell & Associates
<i>Staff with training in benefit/cost analysis</i>	NO	-
<i>Surveyors</i>	NO	-
<i>Personnel skilled or trained in GIS applications</i>	NO	-
<i>Scientist familiar with natural hazards in local area</i>	NO	-
<i>Emergency manager</i>	NO	-
<i>Grant writers</i>	YES	-Panhandle Area Council

**NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE****TABLE 34-7**

<i>What local department is responsible for floodplain management?</i>	City Clerk
<i>Who is your floodplain administrator? (department/position)</i>	City Clerk
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	NO
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	4/13/2010
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	Unknown
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i> – <i>If so, please state what they are.</i>	Not that I'm aware of
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i>	YES

– If no, please state why.	
Does your floodplain management staff need any assistance or training to support its floodplain management program?	YES Any Available – new to position
– If so, what type of assistance/training is needed?	
Does your jurisdiction participate in the Community Rating System (CRS)?	NO
– If so, is your jurisdiction seeking to improve its CRS Classification?	N/A
– If not, is your jurisdiction interested in joining the CRS program?	NO

COMMUNITY CLASSIFICATIONS		TABLE 34-8	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	NO	N/A	N/A
Building Code Effectiveness Grading Schedule	NO	10/10	N/A
Public Protection - Fire Insurance Rating	YES	4	2025
Storm Ready	YES	Active	2025
Firewise	NO	N/A	N/A

### JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 34-9 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this Plan.

NATURAL HAZARD EVENTS			TABLE 34-9
TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
Heavy Rain	Approximately 0.3 inches of rain in 15 minutes	6/22/1998	-
Thunderstorm Wind	A small fire started from trees blowing onto power lines.	7/9/1998	\$10,000
Hail	Surface based convection began to fire over the Idaho Panhandle around noon PST in an unstable atmosphere with a moist boundary layer and a weak to moderate shear environment. Strongest shear was located across the Camas Prairie where a thunderstorm did become more organized eventually growing severe over northwestern Lewis County. The severe thunderstorm tracked eastward off the northeast Blue Mountains in southeastern Washington. Half dollar size hail was observed six miles south of Culdesac before weakening as it crossed State Route 95 to the southeast.	6/12/2012	-

Repetitive loss records are as follows:

<i>Number of FEMA-identified Repetitive-Loss Properties</i>	0
<i>Number of FEMA-identified Severe-Repetitive-Loss Properties</i>	0
<i>Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated</i>	0

## COMMUNITY CHALLENGES

- Funding
- Population
- Water
- Power
- Infrastructure

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Extreme Heat and Severe Drought:** If an extreme heat or drought event occurred, it could increase water usage and strain the City's water supply.

**Flooding:** Spring run-offs could cause swelling of the lake, resulting in potential for flooding in the Spirit Shores housing area. Flooding has previously impacted residents in Bonner County near the City's border.

**Landslide:** There is the potential for rockslides on lake roads – specifically Spirit Lake Road on the other side of Lake Bridge.

**Wildfire and Structural Fire:** Due to the fact that much of the area around Spirit Lake is heavily wooded, a wildfire could potentially impact the entire city. The fact that many houses are built close together also increases risk.

**Infrastructure Failure:** Many of the building in Spirit Lake (mostly on Maine Street) date back to the early 20<sup>th</sup> century and could be at risk of infrastructure failure.

**Active Shooter, Terrorism, and Cyber Attack:** There are 4 schools and 6 churches in the City which could potentially be at risk to an active shooter event. In addition, there is low security in the City regarding water supply locations. The City computers also have the potential to be the target of a cyberattack.

**Hazardous Materials Incident:** Although a sewer plant and chlorine storage are actually located in nearby Bonner County, an incident involving these facilities could potentially impact the City of Spirit Lake.

**Invasive Species:** There is a Milfoil problem in Spirit Lake that the City is aware of.

**HAZARD RISK RANKING**

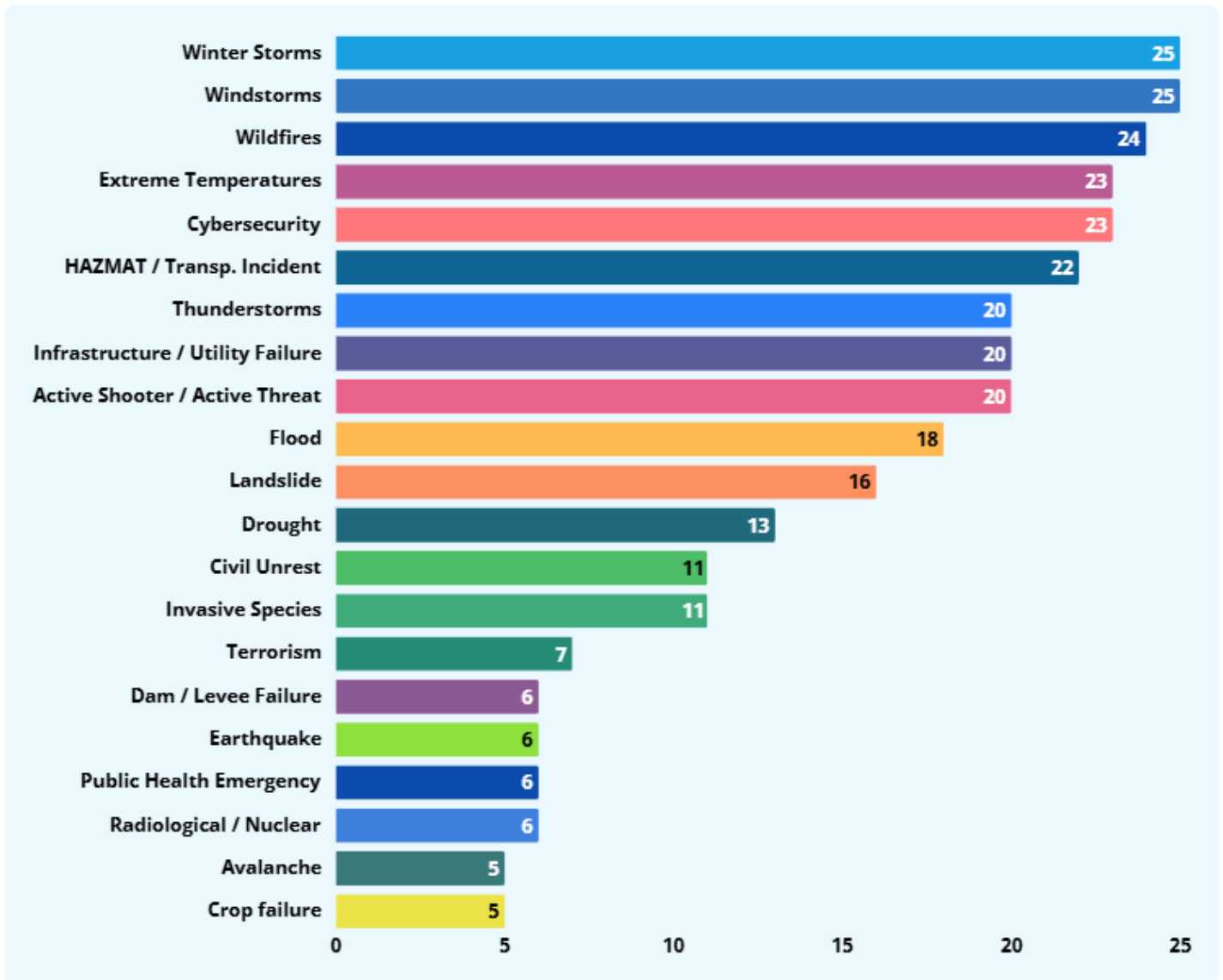


Figure 34-2 Hazard Risk Ranking Chart for City of Spirit Lake

## MITIGATION ACTION PLAN

Table 34-10 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 34-10
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
SL-1		X		
SL-2		X		
SL-3		X		
SL-4		X		
SL-5		X		
SL-6		X		

Table 34-11 lists the initiatives that make up the City of Spirit Lake hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 34-12 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 34-11
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
SL - 1	<i>Develop an inventory of unreinforced masonry buildings.</i>					
	<b>Earthquake, Severe Weather</b>	<b>1, 6, 9</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
SL - 2	<i>Continue to maintain compliance and good standing under the National Flood Insurance Program. This will be accomplished through the implementation of floodplain management programs that, at a minimum, will meet the minimum requirements of the NFIP, which include the following:- Enforcement of the adopted flood damage prevention ordinance - Participating in floodplain identification and mapping updates - Providing public assistance/information on floodplain requirements and impacts.</i>					
	<b>Flood</b>	<b>3, 4, 5, 6</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>
SL - 3	<i>Continue to support the countywide actions identified in this plan.</i>					
	<b>All Hazards</b>	<b>1, 5, 6</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>
SL - 4	<i>Actively participate in the plan maintenance strategy identified in this plan.</i>					
	<b>All Hazards</b>	<b>1, 5, 6</b>	<b>CITY</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>
SL - 5	<i>Obtain a generator for sewer plant and lift station.</i>					
	<b>All Hazards</b>	<b>3, 5, 6</b>	<b>CITY</b>	<b>MEDIUM</b>	<b>LOCAL</b>	<b>SHORT TERM</b>
SL - 6	<i>Replace the aging dam on the lake.</i>					
	<b>Dam Failure, Flood, Infrastructure Failure</b>	<b>3, 4, 6</b>	<b>CITY</b>	<b>MEDIUM</b>	<b>GRANTS, SPIRIT LAKE HOA, LOCAL</b>	<b>SHORT TERM</b>

**HAZARD MITIGATION PLAN MATRIX****TABLE 34-11**

<b>ACTION #</b>	<b>HAZARDS MITIGATED</b>	<b>OBJECTIVES</b>	<b>LEAD AGENCY</b>	<b>EST. COST</b>	<b>FUNDING SOURCE</b>	<b>TIMELINE</b>
<b>SL – 7*</b>	<i>*NEW* Acquire additional equipment needed to remove snow / trees/ or other hazards.</i>					
	<b>Severe Weather, Windstorm</b>	<b>3, 4, 6</b>	<b>CITY</b>	<b>UNKNOWN</b>	<b>UNKNOWN</b>	<b>MEDIUM TERM</b>
<b>SL – 8*</b>	<i>*NEW* Obtain a larger fuel tank for generator at Well #5 which is the primary water source and communication center for all water services.</i>					
	<b>All Hazards</b>	<b>3, 5, 6</b>	<b>CITY</b>	<b>UNKNOWN</b>	<b>UNKNOWN</b>	<b>SHORT TERM</b>
<b>SL – 9*</b>	<i>*NEW* Obtain a generator for City Hall, which is identified as an alternate location for a warming/cooling center.</i>					
	<b>All Hazards</b>	<b>3, 5, 6</b>	<b>CITY</b>	<b>UNKNOWN</b>	<b>LOCAL, UNKNOWN</b>	<b>MEDIUM TERM</b>

**MITIGATION STRATEGY PRIORITY SCHEDULE****TABLE 34-12**

<b>ACTION #</b>	<b>PRIORITY</b>	<b># OF OBJECTIVES MET</b>	<b>COST</b>	<b>BENEFIT</b>	<b>BENEFITS EQUAL OR EXCEED COSTS?</b>
SL-1	<b>Medium</b>	3	Low	Low	Equals
SL-2	<b>High</b>	4	Low	Medium	Exceeds
SL-3	<b>Medium</b>	3	Low	Medium	Exceeds
SL-4	<b>Medium</b>	3	Low	Medium	Exceeds
SL-5	<b>Medium</b>	3	Medium	Medium	Equals
SL-6	<b>High</b>	3	Medium	High	Exceeds
SL-7*	<b>Medium</b>	3	Unknown	High	-
SL-8*	<b>High</b>	3	Unknown	High	-
SL-9*	<b>High</b>	3	Unknown	High	-

See the introduction to this Volume for explanation of priorities.

## SPECIAL PURPOSE DISTRICTS: FIRE / EMS



## CHAPTER 35

# EAST SIDE FIRE PROTECTION DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Jerry Lynn, Chief  
 20436 S. Hwy 97  
 Harrison, ID 83833  
 Telephone: 208-769-4269  
 esfdchief@eastsidefire.com

#### ALTERNATE

Amber Loewe, District Secretary  
 20436 S. Hwy 97  
 Harrison, ID 83833  
 Telephone: 208-769-4269  
 aloewe@eastsidefire.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for East Side Fire Protection District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

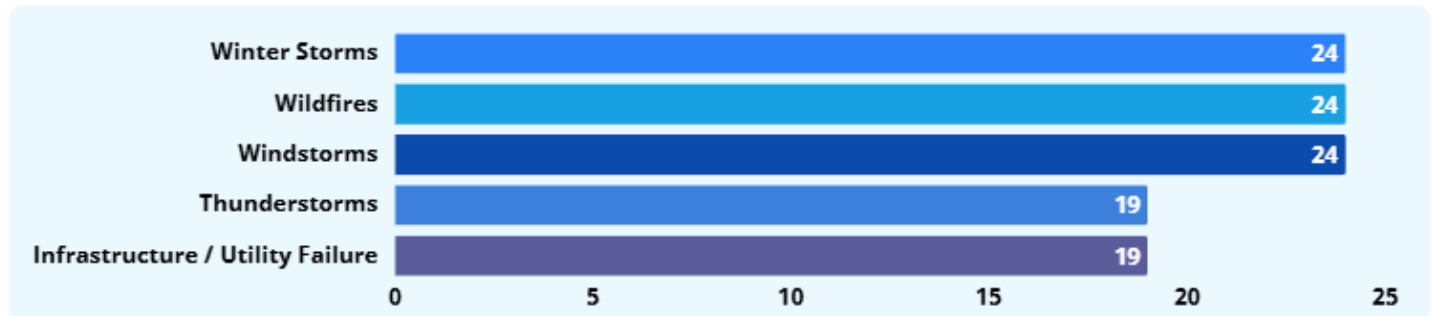


Figure 35-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 35-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
1,200 full time. Over 10,000 in summer	90 sq. miles of forest, 30 miles of lake	\$1,833,093,000

### OVERVIEW

The East Side Fire Protection District (ESFD), established in 1994 by the State of Idaho, provides firefighting, emergency medical services, hazardous material incident response and water rescue services. The ESFD is funded primarily through property taxes. The service area is bounded on the north by Kootenai County Fire & Rescue, to the south by St. Maries Fire Department and on the west side of the lake by Mica Kidd Island Fire and by Worley Fire. The Idaho Department of lands, federal Bureau of Land Management and US Forest Service to our east.

ESFD is staffed by 36 volunteer firefighters and 14 EMTs at three fire stations. The district has two on-call paid Fire Chief and Deputy Chief. The district is overseen by a 3-member elected board of commissioners. The board of commissioners assures responsibility for the adoption of this plan. The county office of Emergency Management will oversee its implementation.

## SERVICE AREA AND TRENDS

Development of homes and condos continue with an anticipated growth in Gozzer Ranch, Neachen Bay, and Gotham Bay Estates. Another 10 to 20 private homes are expected per year. There are two proposed major sub-divisions that would be an additional 42 structures.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 35-2
ASSET		VALUE
<b>PROPERTY</b>		
2 acres of land		\$1,000,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
3 Fire Engines		\$433,000
3 Tender Pumpers		\$451,351
3 Brush Trucks		\$203,000
Rescue Truck		\$67,736
Fire Boat		\$395,000
2 Quick-Response Unit Medical		\$65,000
2 Command Vehicles		\$80,000
Fire Inspector Vehicle		\$23,000
		<b>TOTAL: \$2,718,087</b>
<b>CRITICAL FACILITIES</b>		
ESFD Station #1		\$370,000
ESFD Station #1 – Annex Building		\$400,000
ESFD Station #2 -Admin Building and Firehouse		\$1,200,000
ESFD Station #3		\$300,000
ESFD Station #4 – Boat House		\$500,000
ESFD Station #5 – EMS Building		\$650,000
(Joint operations with Kootenai County Fire & Rescue)		
		<b>TOTAL: \$3,420,000</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- N/A

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 35-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	YES	8	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	YES	5/8	9/20/11
StormReady	YES	Blue	2020
FireSmart	YES	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 35-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Ice Storm	-	Nov. 1997	-
Landslide	-	Jan. 2015	-
Windstorm – 45mph winds	-	June 2023	-
Ice Storm	-	Jan. 2024	-

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Severe Drought:** There is significant potential for wildfire due to severe drought across the entire coverage area of the jurisdiction.

**Severe Winter Storm:** There are access/egress impacts due to limited roadway infrastructure within the jurisdiction.

**High Winds:** There has been a high incident of downed trees blocking main roadways, as well as power grid interruptions, due to high wind events.

**Landslide:** The main roadway is at high risk for blockage from a landslide, with limited alternate routes.

**Wildfire:** There is a significant amount of urban interface, making much of the jurisdiction at a high risk for wildfire cross-over to structures.

**Infrastructure Failure:** The main highway (97) is at a high risk for a major failure.

## COMMUNITY CHALLENGES

- Single Egress / Ingress HWY 97
- Power Failures
- Evacuation Communication / Preplanning

**HAZARD RISK RANKING**

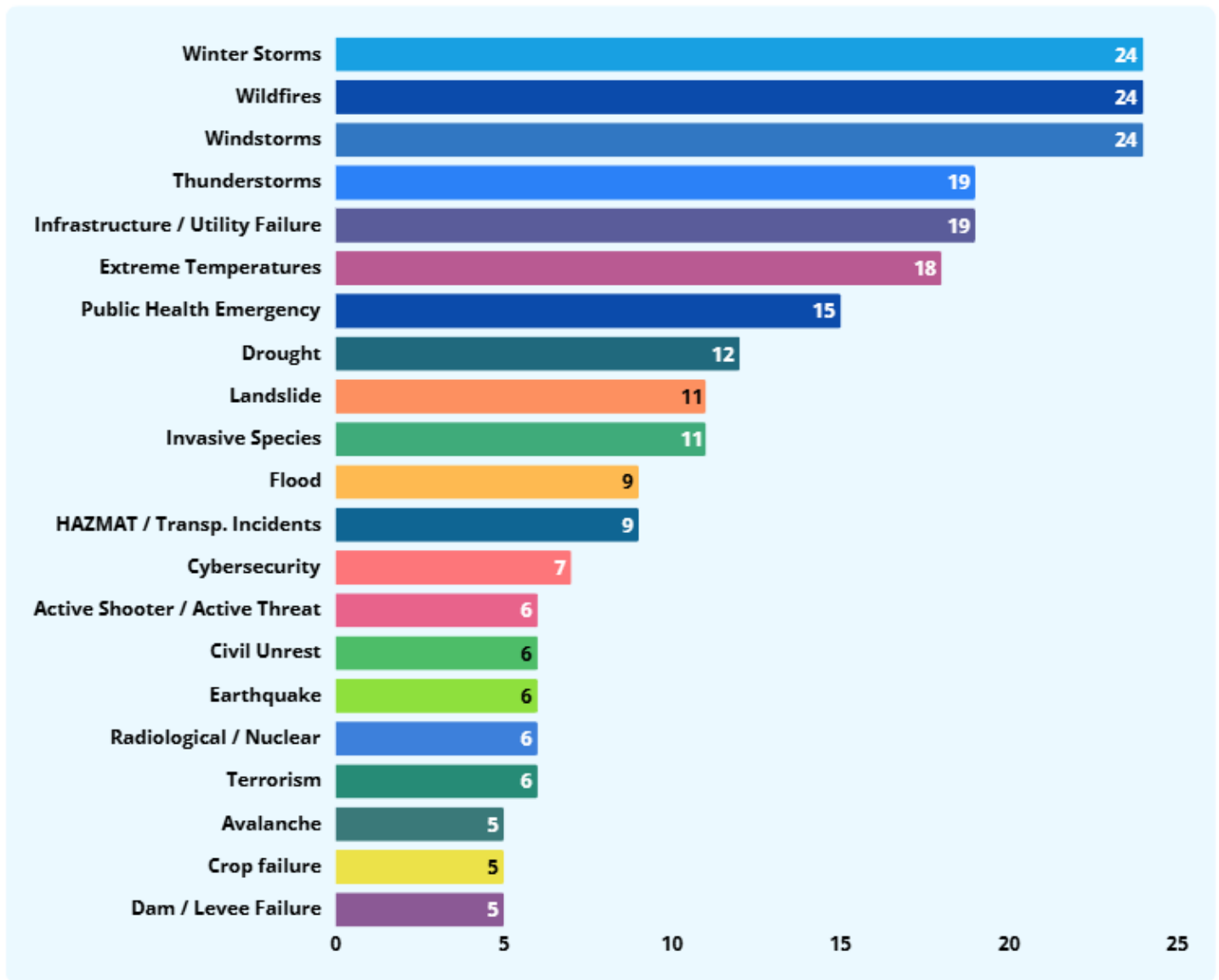


Figure 35-2 Hazard Risk Ranking Chart for East Side Fire District

## MITIGATION ACTION PLAN

Table 35-6 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 35-6
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
ESF-1		X		Information included in mailers and social media to educate the community
ESF-4		X		The boat has been used for mutual aid for other districts. Helped reduce insurance ratings for lake residents.
ESF-5		X		Developed new website and mailer to community 2 times per year. Created a large social media presence.

Table 35-7 lists the initiatives that make up the East Side Fire Protection District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 35-8 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 35-7
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
ESF - 1	<i>Promote the creation of defensible space and reduction of fuel loads by private landowners.</i>						
	Wildfire	1, 3, 5	ESFD	UNKNOWN	WUI	SHORT TERM	
ESF - 2*	<i>*NEW* Utilize social media, website, contact lists, and monthly mailer to educate the community on "Ready, Set, Go" Evacuation information and deliver maps with evacuation routes highlighted.</i>						
	Wildfire, Severe Weather	1, 3, 5	ESFD	\$1,000	LOCAL	SHORT TERM	
ESF - 3*	<i>*NEW* Ensure properties have adequate addressing through promotion on social media, provide signage.</i>						
	All Hazards	1, 3, 4, 6	ESFD	\$1,000	LOCAL	SHORT TERM	
ESF - 4	<i>Further develop water-based emergency response (fireboat) capabilities to be a countywide resource that will support life safety and the protection of property.</i>						
	All Hazards	1, 2, 3, 6	ESFD	MEDIUM	LOCAL	SHORT TERM	
ESF - 5	<i>Further develop and improve public communications through improved content and frequency of information flows through social media platforms. This will include informing property owners of mitigation actions they can take.</i>						
	All Hazards	1, 4, 6	ESFD	LOW	LOCAL	SHORT TERM	
ESF - 6*	<i>*NEW* Community training on mitigation strategies. Utilize online software to assist residents in determining risk.</i>						
	Wildfire	1, 3, 5	ESFD	\$1,000	LOCAL	MEDIUM TERM	
ESF - 7*	<i>*NEW* Interface with FirstNet to add towers which would improve communication. Provide space for tower trucks during an incident.</i>						
	All Hazards	1, 3, 4, 5, 6	ESFD	HIGH	UNKNOWN	LONG TERM	
ESF - 8*	<i>*NEW* Work with camp directors to determine strengths &amp; weaknesses, and develop plans.</i>						
	All Hazards	1, 3, 4, 5, 6	ESFD	LOW	LOCAL	SHORT TERM	

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 35-8

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
ESF - 1	High	3	Unknown	Medium	-
ESF - 2*	Medium	3	Medium	Medium	Equals
ESF - 3*	High	4	Medium	Medium	Equals
ESF - 4	Medium	4	Medium	Medium	Equals
ESF - 5	High	3	Low	Medium	Exceeds
ESF - 6*	High	3	Medium	Medium	Equals
ESF - 7*	Low	5	High	High	Equals
ESF - 8*	Medium	5	Low	Medium	Exceeds

See the introduction to this Volume for explanation of priorities.

## CHAPTER 36

# HAUSER LAKE FIRE PROTECTION DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

James Neils, Chief  
 10728 North Hauser Lake Road  
 Hauser, ID 83854  
 Telephone: 208-640-3911  
 chief@hauserfire.org

#### ALTERNATE

Thomas Maddalone, Deputy Chief  
 10728 N Hauser Lake Rd  
 Hauser, ID 83854  
 Telephone: 970-230-0453  
 tmaddalone@kec.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Hauser Lake Fire Protection District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

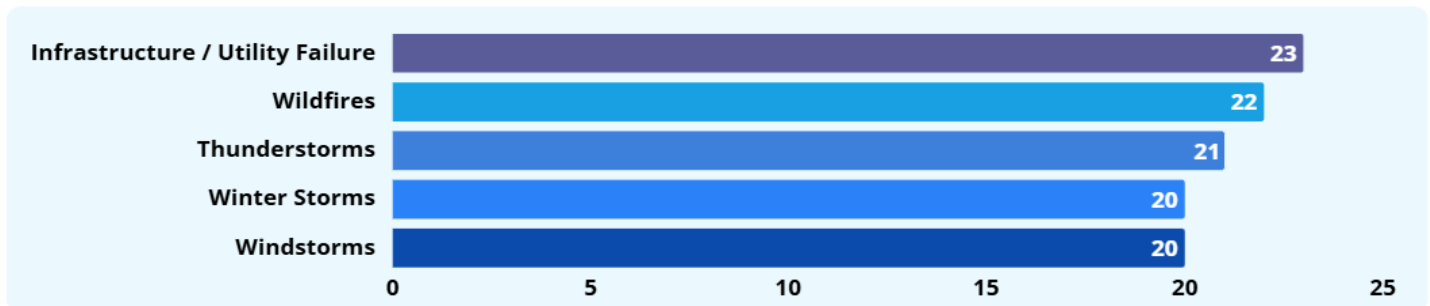


Figure 36-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 36-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
2100 residents	12 sq. miles	\$113,526,937

### OVERVIEW

The Hauser Lake Fire Protection District provides firefighting and emergency medical services, hazardous materials incident response and water rescue services. The District is bounded on the north by the Idaho Department of Lands, to the south by Kootenai County Fire and Rescue, to the east by Northern Lakes Fire Protection District and on the west by Spokane County Fire District 13, (State of Washington). The District serves the communities of Hauser Lake and unincorporated County area within its boundaries. The District is divided into 3 Subdistricts: Subdistrict 1 is the L shaped area which includes Ember, Subdistrict 3 is the block furthest south, along Highway 53, which includes commercial properties, Subdistrict 3 includes the area to the north and west and the city of Hauser.

The Hauser Lake Fire Department was organized in 1952 by residents within the community to provide some means of fire protection for the area. The District is staffed by one (1) full-time firefighter/Emergency Medical Technician and 24 volunteer firefighters of whom 18 are Emergency Medical Technicians and an additional 1 volunteer Emergency Medical First Responders at its one fire station. The District is overseen by a Board of Commissioners. This Board assumes responsibility for the adoption of this plan; the Fire Chief will oversee its implementation.

Fire District Commissioners are elected by Hauser Lake voters district-wide, but each must reside within his or her respective sub-district.

Commissioners are elected to four-year terms. The current Hauser Lake Fire Protection District Board of Commissioners includes:

- Bruce Van Hoorn, eastern sub-district 1, current term ends 2027.
- Marc Kalbaugh, southern sub-district 2, current term ends 2027.
- Shane Kamps, Board President northwest sub-district 3, current term ends 2025.

The District maintains the following equipment:

- (1) Type 1 Engine
- (1) Type 3 Engine
- (1) Ambulance
- (2) Type 1 Tender/Pumper
- (1) Fire boat
- (1) Command Vehicle
- (1) Support Vehicle

### SERVICE AREA AND TRENDS

The Hauser Lake Fire Protection District continues to experience single family home construction in the areas it services, both in individual parcels and in subdivisions ranging from 5 to 76 parcels.

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 36-2
ASSET	VALUE	
<b>PROPERTY</b>		
0.749 acres of land		\$100,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Type 1 Engine		\$300,000
Type 3 Engine		\$150,000
Ambulance		\$80,000
Type 1 Tender/Pumper		\$300,000
Fire boat		\$50,000
Type 1 Tender/Pumper		\$200,000
Command Vehicle		\$40,000
Support Vehicle		\$20,000
		<b>TOTAL: \$1,160,000</b>
<b>CRITICAL FACILITIES</b>		
Fire Station		\$400,000

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Local Emergency Operations Plan: Kootenai County Emergency Operations Plan
- Fire department ISO Rating: 4 & 8
- Warning systems/services: County 911 system
- Grant writing, Successful experience
- International Fire Code
- International Building Code

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 36-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	YES	4 & 8	07/02/2025
StormReady	N/A	N/A	N/A
FireSmart	N/A	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 36-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
<b>Wildfire (Firestorm 91)</b>	-	10/19/1991	\$100,000
<b>Volcano ash fall</b>	-	1980	-
<b>Severe Weather</b>	Several historical events	-	-
<b>Lightning</b>	Several historical events	-	-
<b>Flooding</b>	Several events	-	-
<b>Wildfire</b>	Minor event every year	-	-

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Severe Winter Storm:** The jurisdiction is concerned about access to some areas due to road blockages during severe winter storms.

**Wildfire:** There are areas within the jurisdiction with limited egress.

**Structural Fire:** Approximately 15% of the structures within the jurisdiction were built prior to current building codes.

**Hazardous Materials:** Increased rail and highway traffic is anticipated due to population growth, increasing the likelihood of hazardous materials accidents.

**HAZARD RISK RANKING**

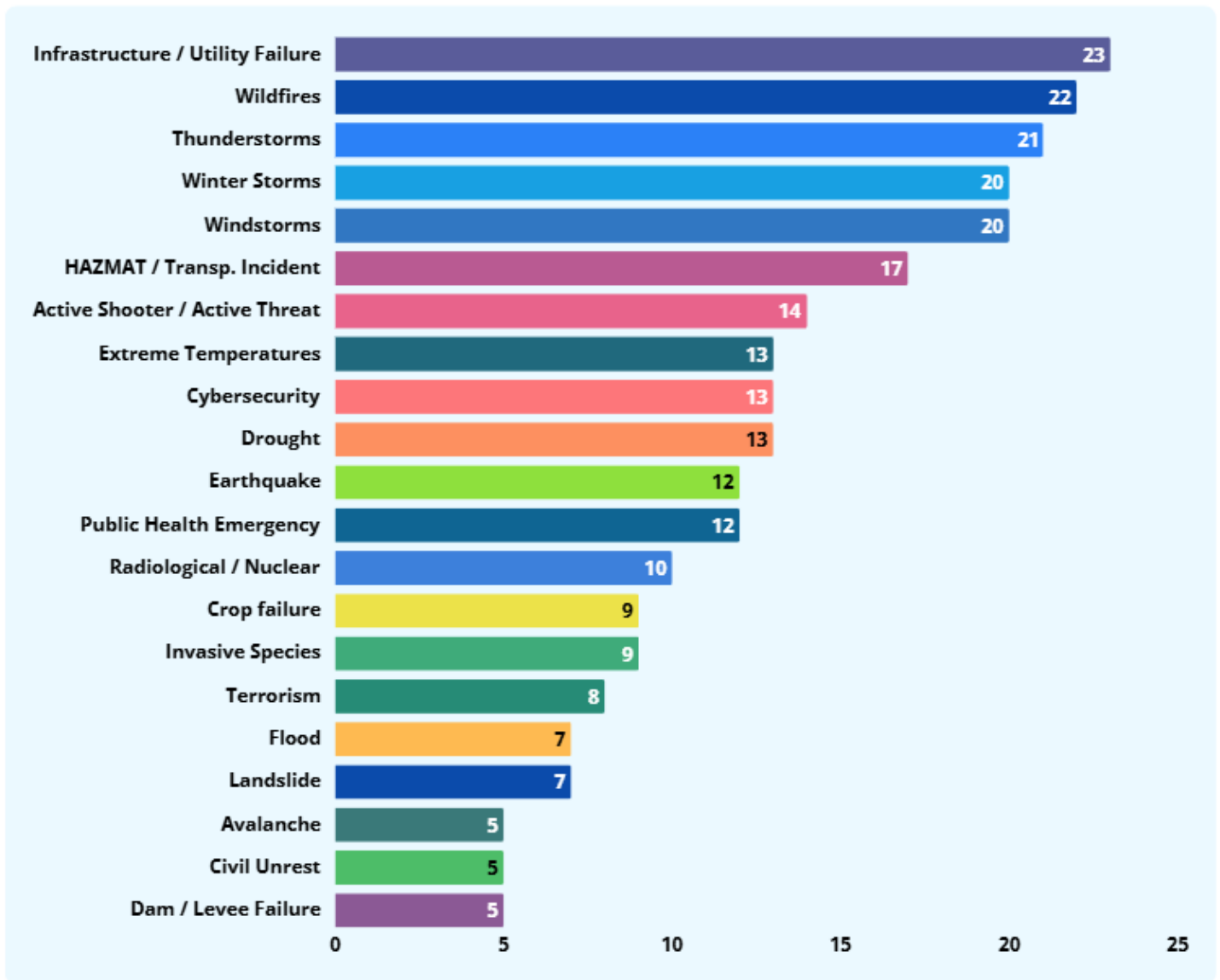


Figure 36-2 Hazard Risk Ranking Chart for Hauser Lake Fire Protection District

## MITIGATION ACTION PLAN

Table 36-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 36-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
HLF-1		X		
HLF-2		X		
HLF-3		X		
HLF-4		X		

Table 36-6 lists the initiatives that make up the Hauser Lake Fire Protection District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 36-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 36-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
HLF - 1	<i>Develop formal wildfire mitigation education program.</i>						
	Wildfire	1, 3, 5	HLFD	UNKNOWN	RFA	SHORT TERM	
HLF - 2	<i>Develop enhanced interagency communications.</i>						
	All Hazards	1, 3, 5, 9	HLFD	LOW	LOCAL	ONGOING	
HLF - 3	<i>Develop a formal Continuity of Operations Plan.</i>						
	All Hazards	1, 3, 5, 6	HLFD	UNKNOWN	LOCAL	SHORT TERM	
HLF - 4	<i>Develop delivery of Public Education Program for wildfire and disaster preparedness.</i>						
	Wildfire	1, 3, 5	HLFD	LOW	LOCAL	SHORT TERM	
HLF - 5*	<i>*NEW* Educate residents about the single route of ingress/egress. Build and maintain alternate routes, educate for shelter in place if routes are blocked.</i>						
	All Hazards	1, 3, 5	HLFD	\$100,000	LOCAL, GRANTS, HMGP	ONGOING	
HLF - 6*	<i>*NEW* Educate about defensible space, hazard mitigation around houses (FireWise).</i>						
	Wildfire	1, 3, 5	HLFD	\$1,000,000	LOCAL, GRANTS, HMGP	ONGOING	
HLF - 7*	<i>*NEW* Create and use available materials for "Ready, Set, GO" and other programs used county wide including local evacuation routes and when to shelter in place.</i>						
	All Hazards	1, 3, 5	HLFD	\$10,000	LOCAL	ONGOING	
HLF - 8*	<i>*NEW* Educate residents on extreme weather events and what to do in the community.</i>						
	Extreme Weather	1, 3, 5	HLFD	\$10,000	LOCAL, GRANTS	ONGOING	

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 36-7

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
HLF-1	Medium	3	Unknown	Medium	Equals
HLF-2	High	4	Low	High	Exceeds
HLF-3	Medium	4	Unknown	Medium	Equals
HLF-4	Medium	3	Low	Medium	Exceeds
HLF-5*	High	3	High	Medium	-
HLF-6*	High	3	High	Medium	-
HLF-7*	Medium	3	Medium	Medium	Equals
HLF-8*	Medium	3	Medium	Medium	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 37

# KOOTENAI COUNTY EMERGENCY MEDICAL SERVICES SYSTEM ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Jay Wojnowski, Chief  
 4381 West Seltice Way  
 Coeur d’Alene ID, 83814  
 Telephone: 208-930-4224  
 jayw@kcemss.org

#### ALTERNATE

Rodney Geilenfeldt, Division Chief  
 4381 West Seltice Way  
 Coeur d’Alene, ID 83814  
 Telephone: 208-930-4224  
 rodneyg@kcemss.org

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the Kootenai County Emergency Medical Services System (KCEMSS). For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

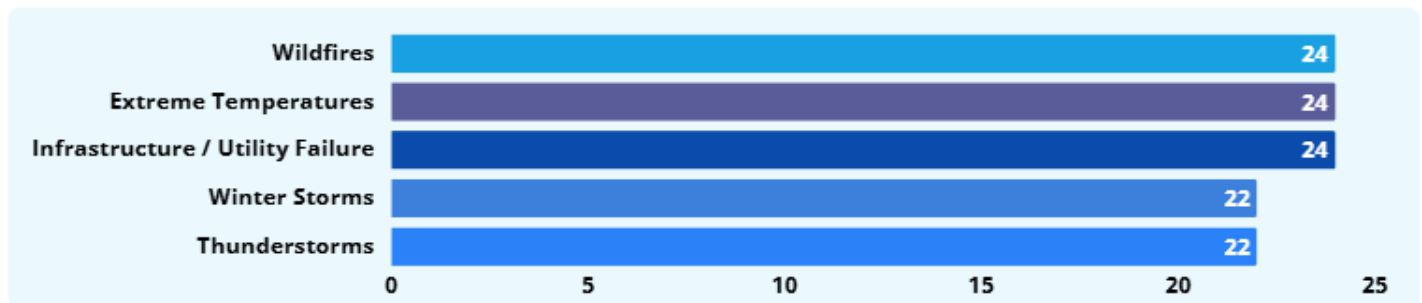


Figure 37-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 37-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
188,450	1310 sq. miles	\$45,171,921,928.

### OVERVIEW

KCEMSS is a fire-based ambulance service providing 9-1-1 emergency care and facility to facility transfers throughout Kootenai County. We operate through a network of agencies including all the fire departments within Kootenai County and one non-profit ambulance organization. We also offer Critical Care Transport services to the hospitals within Kootenai County as well as hospitals in the surrounding counties of North Idaho.

KCEMSS is comprised of a governing board called “The Joint Powers Board,” a Chief Officer, a Division Chief, a Finance Director, a Medical Director, and administrative staff. The Joint Powers Board assumes responsibility for the adoption of this plan; KCEMSS Chief will oversee its implementation. All EMTs and Paramedics in the field are employees of the Fire Departments and Non-Profit Ambulance organizations. The System provides the Fire Departments with ambulances, medical equipment and the medical supplies needed to operate.

## SERVICE AREA AND TRENDS

Since 2008, when KCEMSS, experienced a dip in call volume for the first time in several years, KCEMSS has been increasing in calls for service. For 2024 KCEMSS call volume grew to 18,187 or nearly 50 EMS calls per day. KCEMSS has added equipment and personnel to meet the growing demand. Kootenai County has experienced a large and continuous growth spurt post Covid-19 as people move farther away from city centers. This trend is expected to continue.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 37-2
ASSET		VALUE
<b>PROPERTY</b>		
5 acres of land and 15,000 SQFT Administration Building		\$3,500,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
2024 Remounted Ambulance & Equipment		\$422,750
2023 Remounted Ambulance & Equipment		\$422,750
2022 Remounted Ambulance & Equipment		\$422,750
2022 Ambulance & Equipment		\$425,000
2022 Ambulance & Equipment		\$425,000
2022 Ambulance & Equipment		\$425,000
2022 Ambulance & Equipment		\$425,000
2019 Ambulance and Equipment		\$365,000
2015 Ambulance and Equipment		\$308,000
2015 Ambulance and Equipment		\$308,000
2015 Ambulance and Equipment		\$308,000
2015 Ambulance and Equipment		\$308,000
2015 Ambulance and Equipment		\$308,000
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2015 Ambulance and Equipment		\$308,000
2015 Ambulance and Equipment		\$308,000
2015 Ambulance and Equipment		\$308,000
2015 Ambulance and Equipment		\$308,000
2020 F150 Ford 4X4 Command Vehicle & Equipment		\$70,000
2017 Ford Explorer Command Vehicle and Equipment		\$63,000
2015 Tahoe Command Vehicle and Equipment		\$62,500
EMS Equipment Trailer		\$16,000
MCI Trailer and Equipment		\$14,525
MCI Trailer and Equipment		\$14,525
2007 MCI Truck and Equipment		\$143,000
2 Oxygen Generators		\$122,000
		<b>TOTAL: \$7,534,800</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- County’s Local Emergency Operations Plan
- Continuity of Operations Plan
- Community Wildfire Protection Plan
- Kootenai County MCI Plan

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction’s classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 37-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	N/A	N/A	N/A
StormReady	N/A	N/A	N/A
FireSmart	N/A	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 37-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Same as general Kootenai County	-	-	-

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Extreme Temperatures:** The young, old, homeless, or chronically ill populations are very vulnerable to health-related issues during extreme temperature events.

**Pandemic:** The entire population is vulnerable to a pandemic. System resources could be impacted based on numbers of infected public.

## COMMUNITY CHALLENGES

- Population Growth
- Communications
- Lack of Hospital Options
- Increase in 911 Calls
- Understaffed Dispatch Center

**HAZARD RISK RANKING**

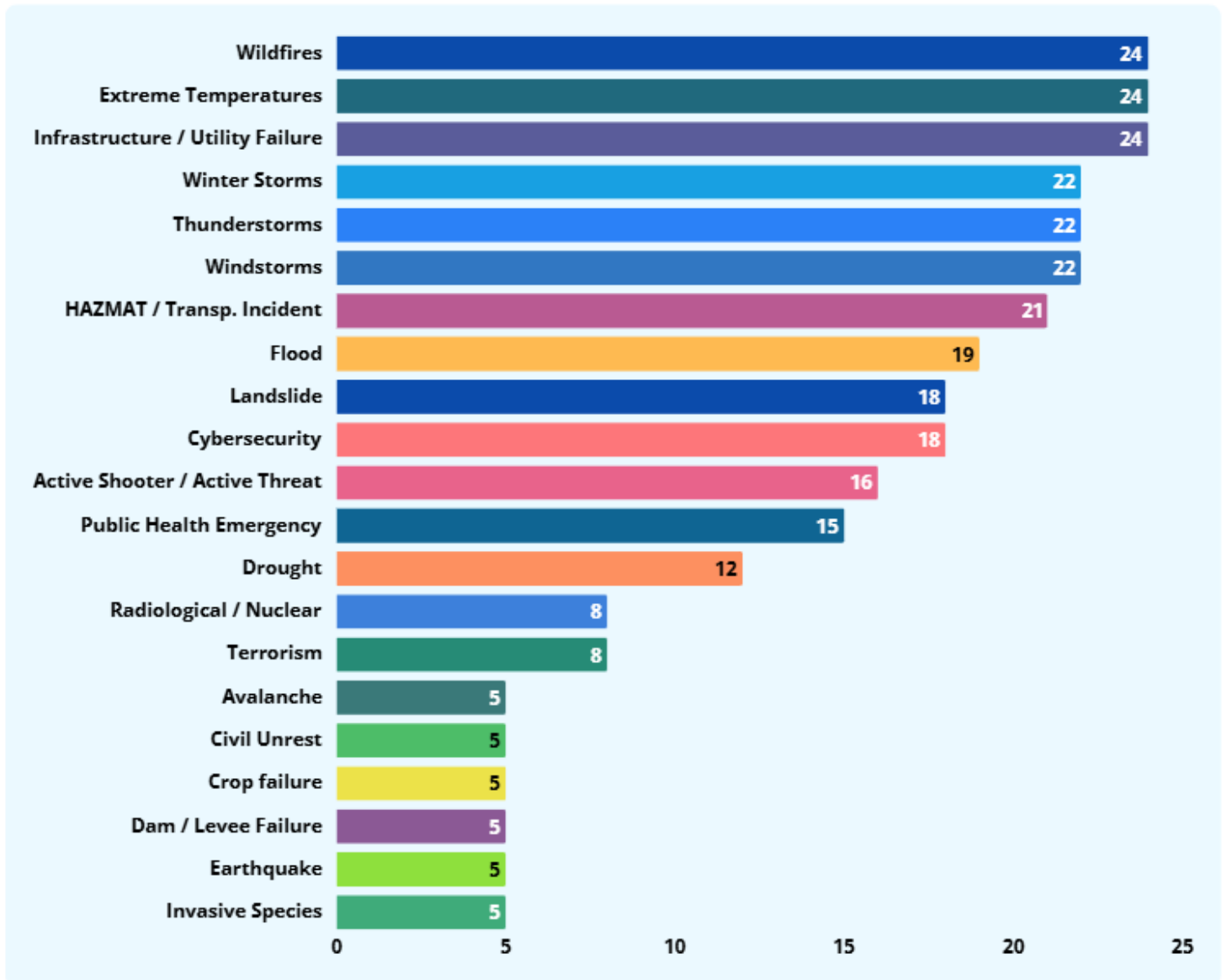


Figure 37-2 Hazard Risk Ranking Chart for Kootenai County Emergency Medical Services System

## MITIGATION ACTION PLAN

Table 37-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 37-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
EMS-1			X	The health facilities in various cities in Kootenai County are the responsibility of those Fire Departments
EMS-2			X	Each Fire Department is responsible for their own employee certifications
EMS-2			X	Sheriff's Office responsibility

Table 37-6 lists the initiatives that make up the KCEMSS hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 37-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 37-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
<b>EMS – 1*</b>	<i>*NEW* KCEMSS will continue to serve as a countywide EMS planning partner by coordinating mitigation planning, operational readiness discussions, and interagency collaboration with fire districts, dispatch centers, hospitals, and emergency management</i>						
	<b>All Hazards</b>	<b>1, 3, 6</b>	<b>KCEMSS</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>EMS – 2*</b>	<i>*NEW* KCEMSS will support fire districts and EMS partners by assisting with the planning, coordination, and evaluation of interoperable EMS communications, including redundancy planning and participation in countywide communication mitigation initiatives.</i>						
	<b>All Hazards</b>	<b>1, 3, 5, 7</b>	<b>KCEMSS</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>	
<b>EMS – 3*</b>	<i>*NEW* KCEMSS will coordinate with fire districts to ensure ambulances, medical equipment, and respiratory protection supplies are planned and staged to support increased EMS demand during wildfire and smoke events.</i>						
	<b>Wildfire</b>	<b>1, 3</b>	<b>KCEMSS</b>	<b>MEDIUM</b>	<b>LOCAL</b>	<b>MEDIUM TERM</b>	
<b>EMS – 4*</b>	<i>*NEW* KCEMSS will continue to maintain and support countywide MCI equipment, planning, and coordination with fire districts to mitigate impacts of large-scale incidents.</i>						
	<b>Mass Casualty / Transportation</b>	<b>1, 3, 6</b>	<b>KCEMSS</b>	<b>MEDIUM</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>EMS – 5*</b>	<i>*NEW* KCEMSS will maintain and update EMS system continuity and surge planning to support fire departments and ambulance partners during pandemics, including staffing impact planning.</i>						
	<b>Infectious Disease</b>	<b>1, 3</b>	<b>KCEMSS</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>	

MITIGATION STRATEGY PRIORITY SCHEDULE						TABLE 37-7
ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?	
EMS – 1*	<b>High</b>	3	Low	Medium	Exceeds	
EMS – 2*	<b>Medium</b>	4	Low	Medium	Exceeds	
EMS – 3*	<b>High</b>	2	Medium	Medium	Equals	
EMS – 4*	<b>Medium</b>	3	Medium	Medium	Equals	
EMS – 5*	<b>Medium</b>	2	Low	Medium	Equals	

See the introduction to this Volume for explanation of priorities.

## CHAPTER 38

# KOOTENAI COUNTY FIRE AND RESCUE ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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#### ALTERNATE

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 Telephone: 208-777-8500  
 pholley@kootenaifire.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Kootenai County Fire and Rescue. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

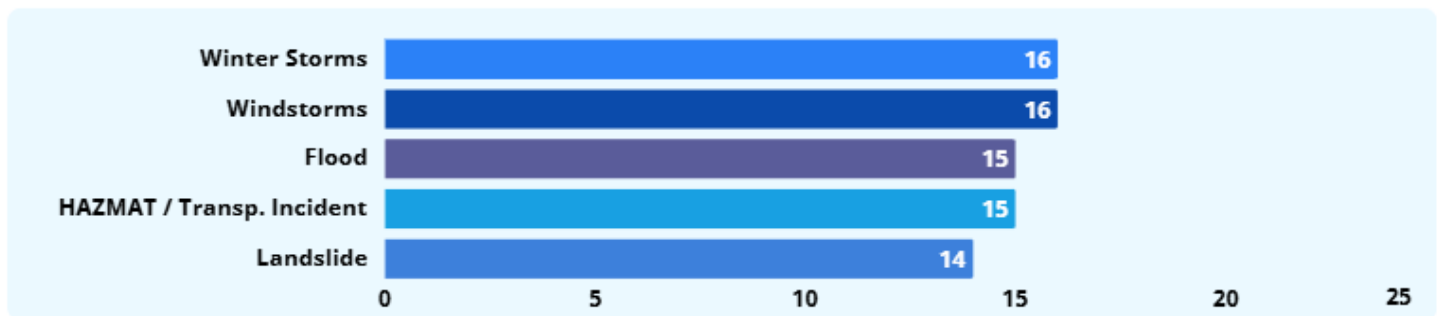


Figure 38-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 38-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
50,000	113 sq. miles	\$5,000,000,000

### OVERVIEW

Kootenai County Fire and Rescue provides firefighting and emergency medical services at the ALS level, hazardous materials incident response and water rescue services to an area encompassing 113 square miles and approximately 50,000 residents in Kootenai County. Kootenai County Fire and Rescue is bounded on the north by Northern Lakes Fire District, to the south by Mica/Kidd Island Fire District, to the east by State/United States Forest Service lands and on the west by the Spokane Valley Fire Department. The district serves the communities of Post Falls, Dalton Gardens, Fernan, Huetter and Stateline and unincorporated County lands within its boundaries.

Kootenai County Fire and Rescue is staffed by 76 full-time firefighters/paramedics and EMT's at five fire stations. The district responds with a total of four Type 1 engines, one ladder truck, three Type 6 engines, three Tenders, one rescue/fire boat, three ambulances, one heavy rescue truck, and the Regional Hazmat Response Team while maintaining a strong reserve fleet of backup apparatus.

A five-member elected Board of Commissioners governs the district. The Board assumes responsibility for the adoption of this plan and the Fire Chief will oversee its implementation.

## SERVICE AREA AND TRENDS

Several major projects and changes in the past five years have affected the District's service area: Expansion of the city limits of Post Falls including several large residential subdivisions; Development on the west side of Post Falls including three shipping & distribution centers; the continued Increase of multi-family dwellings; addition of an Elementary School and an increase in buildings that are four stories or more.

Forecasted projects and changes that may impact the service area include: the economy driven build out of residential subdivisions; infill development at Riverbend Commerce Park and Expo; increased railroad traffic; and increased vehicle traffic. Potential issues may arise from continued growth in west Post Falls, which will at some point demand the staffing of a Fire Station 6.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 38-2
ASSET		VALUE
<b>PROPERTY</b>		
16.93 acres of land		\$33,860,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Four Engines and Contents		\$4,000,000
Two Ladder Trucks and Contents		\$4,000,000
Three Tenders and Contents		\$2,400,000
One Heavy Rescue		\$1,000,000
Three Brush Trucks		\$450,000
One Fire/Rescue Boats		\$450,000
One Rems Unit		\$210,000
		<b>TOTAL: \$12,510,000</b>
<b>CRITICAL FACILITIES</b>		
FS #1, 404 N. Idaho		\$5,000,000
FS #2, 4320 W. Seltice Way		\$4,300,000
FS #3, 4503 N Charleville Rd.		\$4,900,000
FS #4, 367 E Kathleen		\$4,300,000
FS#5, 5271 E Seltice Way		\$4,900,000
FS #8, 20338 S. Hwy 97		\$700,000
Headquarters, 5271 E. Seltice Way		\$10,000,000
		<b>TOTAL: \$34,100,000</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- County's Local Emergency Operations Plan
- Continuity of Operations Plan
- Community Wildfire Protection Plan
- Fire department ISO rating: Codes enforced within City limits & within 1,000' hydrant, 3= < 5 miles, 9= > 5 miles, 10= >10 miles

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 38-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	Yes	3, 8, 9	3/30/2011
StormReady	N/A	N/A	N/A
FireSmart	N/A	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 38-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Volcanic ash fall	-	May 18, 1980	-
Wildfire	-	Oct 1991	-
Flood	-	1995	-
Ice Storm	-	1996	-
Flood	-	1997	-
Winter Storm	-	2008/2009	-
Lighting Strike/severe weather	-	2013	-
High Wind	-	2017	-
High Wind	-	2020	57 residents impacted by trees

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Severe Winter Storm:** There are access challenges due to steep grades on the South side of the Spokane River.

**Wildfire:** Cougar Gulch – The Cougar Lane area has limited egress. There is also a lack of water supply on the South side of the Spokane River.

**Pipeline Failure:** There is a pipeline that runs through the South property lines of Post Falls High School and Prairie View Elementary.

## COMMUNITY CHALLENGES

- Population Growth
- Transportation Infrastructure
- Legislative Impacts

**HAZARD RISK RANKING**

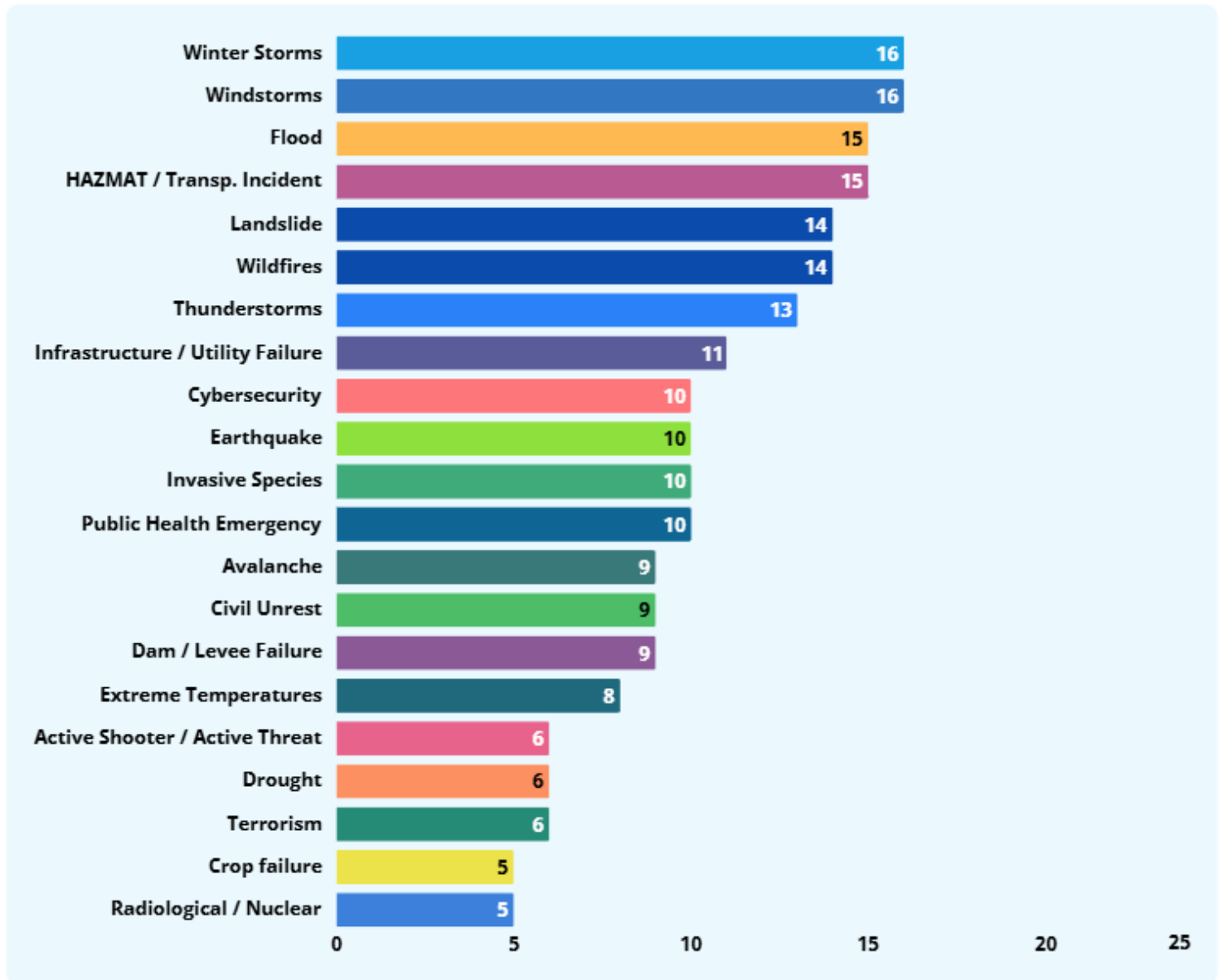


Figure 38-2 Hazard Risk Ranking Chart for Kootenai County Fire and Rescue

## MITIGATION ACTION PLAN

Table 38-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 38-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
KCFR-1		X		
KCFR-2		X		Ongoing
KCFR-3		X		Annual work completed
KCFR-4		X		Annual work completed
KCFR-5		X		Annual work completed
KCFR-6		X		Ongoing
KCFR-7		X		Not yet planned
KCFR-8		X		Annual work completed

Table 38-6 lists the initiatives that make up the Kootenai County Fire and Rescue hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 38-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 38-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
KCFR - 1	<i>Private road design, review and approvals in the rural areas.</i>						
	Wildfire, Winter Storms	1, 3, 4, 5, 6	KCFR	LOW	LOCAL	SHORT TERM	
KCFR - 2	<i>Promote public education for homeowner in the WUI.</i>						
	Wildfire	1, 3, 5	KCFR	LOW	LOCAL	SHORT TERM	
KCFR - 3	<i>Educate rural homeowners about winter access issues for responders.</i>						
	Winter Storms	1, 3, 5	KCFR	LOW	LOCAL	LONG TERM	
KCFR - 4	<i>Maintain relationships with wildland agencies to include radio interoperability.</i>						
	Wildfire	1, 3, 4, 5	KCFR	LOW	LOCAL	LONG TERM	
KCFR - 5	<i>Continue support for AED program with PFPD and PFSD. Joint training for incidents in the schools, i.e.: active shooter.</i>						
	Active Threat / Terrorism	1, 2, 3, 5	KCFR	LOW	LOCAL	SHORT TERM	
KCFR - 6	<i>Continue to take advantage of training opportunities between agencies, industry, and Regional Hazmat Team.</i>						
	HAZMAT	1, 2, 3, 5	KCFR	LOW	LOCAL	LONG TERM	
KCFR - 7	<i>There is a pipeline on the southern boundary of Post Falls High School and Prairie View Elementary. Conduct a joint planning session for response and update responder training with pipeline operators and law enforcement.</i>						
	HAZMAT	1, 3, 5, 6	KCFR	LOW	LOCAL	SHORT TERM	

## HAZARD MITIGATION PLAN MATRIX

TABLE 38-6

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
KCFR – 8	<i>Pre-plan responses in urban interface areas within the District.</i>					
	All Hazards	1, 3, 4, 5	KCFR	LOW	LOCAL	LONG TERM
KCFR – 9*	<i>*NEW* Educate the community on alerts and warnings as well as ingress / egress routes.</i>					
	All Hazards	1, 3, 5	KCFR	LOW	LOCAL	ONGOING
KCFR – 10*	<i>*NEW* Harden facilities and obtain back up power.</i>					
	All Hazards	3, 5, 6	KCFR	UNKNOWN	LOCAL	ONGOING
KCFR -11*	<i>*NEW* Educate the community on storm mitigation practices. Manage hazard trees prior to severe weather.</i>					
	Severe Weather	1, 3, 4, 5	KCFR	UNKNOWN	LOCAL, GRANTS	ONGOING
KCFR – 12*	<i>*NEW* Increased code enforcement and training for HAZMAT situations.</i>					
	HAZMAT / Transportation	1, 3, 5, 6, 8	KCFR	UNKNOWN	LOCAL	LONG TERM

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 38-7

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
KCFR-1	High	5	Low	High	Exceeds
KCFR-2	High	3	Low	High	Exceeds
KCFR-3	High	3	Low	High	Exceeds
KCFR-4	High	4	Low	Medium	Exceeds
KCFR-5	Medium	4	Low	Medium	Exceeds
KCFR-6	High	4	Low	Medium	Exceeds
KCFR-7	Medium	4	Low	Medium	Exceeds
KCFR-8	High	4	Low	Medium	Exceeds
KCFR-9*	Medium	3	Low	Medium	Exceeds
KCFR-10*	Medium	3	Unknown	High	-
KCFR-11*	Medium	4	Unknown	Medium	-
KCFR-12*	Medium	5	Unknown	Medium	-

See the introduction to this Volume for explanation of priorities.

## CHAPTER 39

# MICA KIDD ISLAND FIRE PROTECTION DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Mica Kidd Island Fire Protection District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

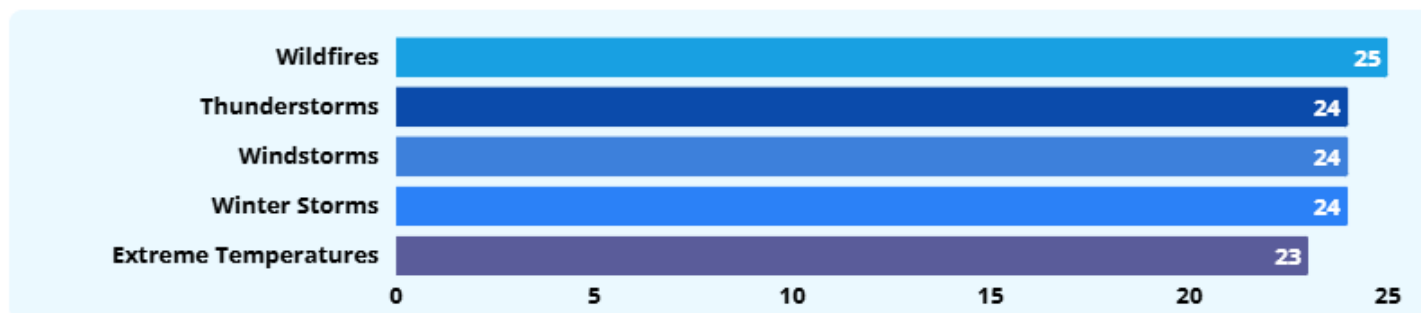


Figure 39-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 39-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
2,100 full time. Appx. 4,000 in summer	39 sq. miles	\$1,468,448,788.

### OVERVIEW

The Mica Kidd Island Fire Protection District was established in 2000 and provides firefighting, emergency incident response, hazardous materials response, emergency medical services, marine firefighting, and water rescue to an area encompassing 39 square miles and approximately 2,100 residents in southwest Kootenai County.

The Mica Kidd Island Fire Protection District is bounded on the north by Kootenai County Fire and Rescue Fire District, to the south by Worley Fire District, to the east by Coeur d’Alene Lake and on the west by the Idaho Department of Lands. The District serves citizens and guests in the unincorporated areas of Kootenai County found within its boundaries.

The Mica Kidd Island Fire Protection District is staffed currently by 1 Full-Time Chief, (3) three full-time paid firefighter/AEMT's 48/96 schedule, 1 resident firefighter/EMT and 18 volunteer firefighters operating from a single fire station located at 6891 W. Kidd Island Rd. The District entered a Management Contract with the Worley Fire Protection District on October 1, 2019 to provide management oversight, direct the operations of the District and provide experienced Chief Officers on incidents as needed. The District is overseen by a three-member Board of Fire Commissioners that assumes responsibility for the adoption of this plan. The Fire Chief/Deputy Chief will oversee its implementation.

## SERVICE AREA AND TRENDS

Over the last five years several projects and changes have impacted the District's service area: Blackstone Estates subdivision, Quaking Aspen subdivision, Solitude Acres subdivision, multiple million-dollar single family residence, and boat ramp improvements in Mica Bay. The Ironman event would not be classified in the above categories, however for one day every year our services are significantly impacted by the bike race portion of this event.

The following projects and changes are forecasted to have impacts in the District over the next five years: the addition of living quarters for personnel at Mica Kidd Island's Fire Station, potential of two new subdivisions, continued build-out of existing subdivisions and private lots, significant remodels of existing recreational properties and summer camps.

Potential issues from past and future projects and changes include: Past development in much of the District was erratic and poorly managed. Many single-family residences and recreational properties lack adequate roadways, defensible space, water supply, and emergency apparatus turnarounds. New developments and homes are being built in areas with limited access due to private roads. Recreational properties are increasingly being converted to year-round residences. Pressurized water supplies for fire suppression are sparse and cover only a small portion of the District, while access to Coeur d'Alene Lake water sources is very limited. The area's demographics are shifting from agriculture/rural to recreational/retirement. Proximity to Coeur d'Alene and short commutes make the District likely to grow significantly over the next decade, increasing demands for Fire/EMS services.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 39-2
ASSET		VALUE
<b>PROPERTY</b>		
0.967 acres of land		\$100,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Structure Engine (3)		\$2,800,000
Tenders (2)		\$800,000
Brush trucks (1)		\$300,000
Fire Boats (1)		\$550,000
Command/Utility Vehicles (1)		\$50,000
Self-Contained Breathing Apparatus (18) @\$10,500.00 ea.		\$189,000
B/U Generator (1)		\$45,000
		<b>TOTAL: \$4,834,000</b>
<b>CRITICAL FACILITIES</b>		
Fire Station		\$500,000
		<b>TOTAL: \$500,000</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- 2018 International Fire Code as adopted by the State Fire Marshal
- Idaho Administrative Procedure Act 18.01.50
- Kootenai County Ordinance 472

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 39-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	Yes	ISO 4/8/9/10	08/01/2025
StormReady	N/A	N/A	N/A
FireSmart	N/A	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 39-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Wildfire	N/A	8/16/2021	\$25000
Wildfire	N/A	7/20/2022	\$20,000
Flooding	N/A	5/2008	-
Severe Weather	N/A	1/2008	-
Severe Weather	N/A	12/2001	-
Flooding	N/A	5/1997	-
Severe Weather	N/A	11/1996	-
Flooding	N/A	2/1996	-

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Flooding:** There has been minor stream flooding in the jurisdiction

**Landslide:** There have been one or two mud slides along steep areas within the jurisdiction that have blocked roadways.

**Wildfire:** Most of the district is concerned about wildfires. Several residences live in the urban interface with limited access. There is also an awareness that drought or the presence of dead and dying trees can increase the risk of wildfires.

**Hazardous Materials Incident:** Due to the fact that Highway 95 runs through the District, the risk for a transportation-related hazardous material spill is elevated.

**Active Shooter:** There are three church camps along the lake with limited access, making them vulnerable.

## COMMUNITY CHALLENGES

- Transportation
- Communications
- Safety & Security
- Energy
- Food & Shelter

**HAZARD RISK RANKING**

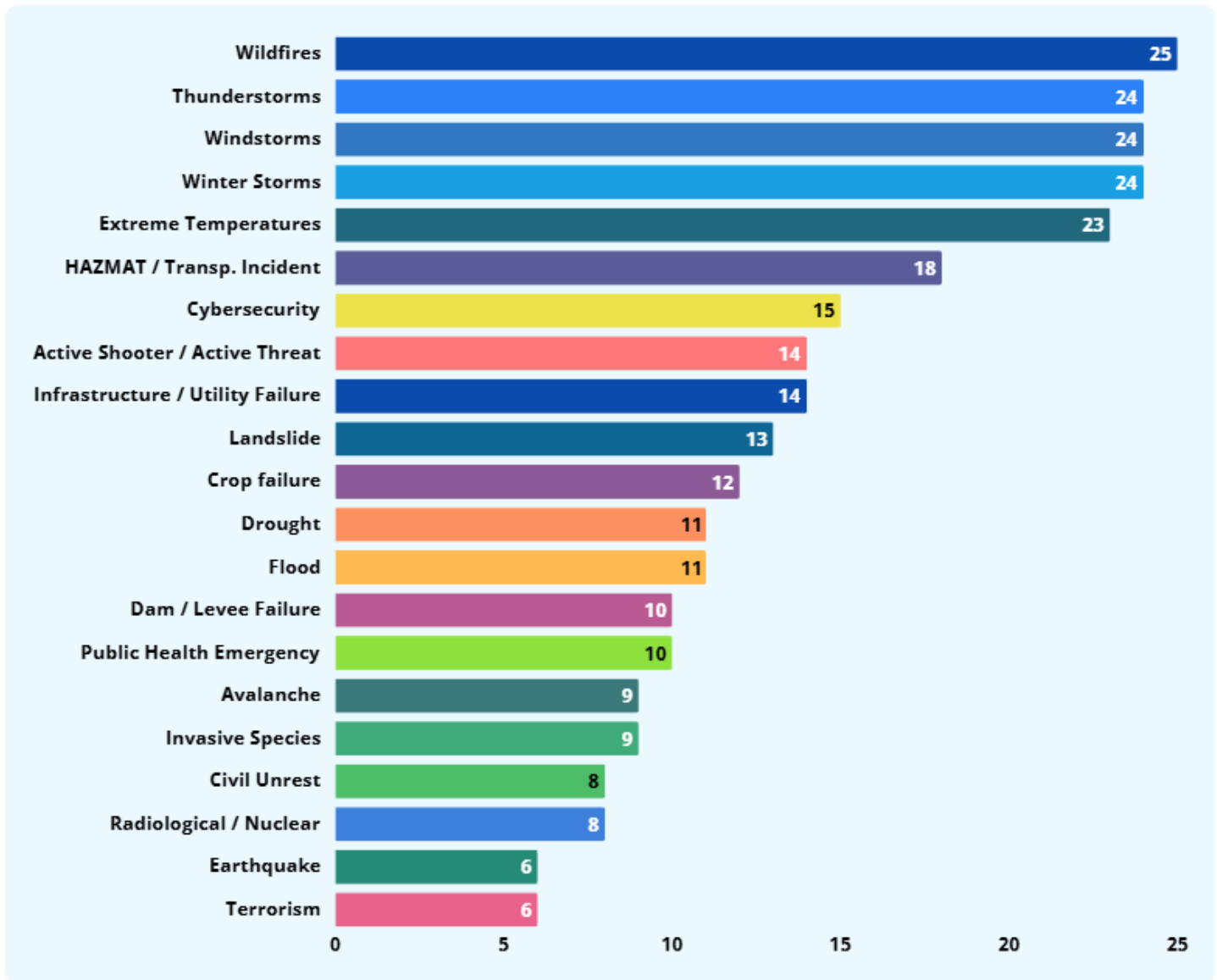


Figure 39-2 Hazard Risk Ranking Chart for Mica Kidd Island Fire Protection District

## MITIGATION ACTION PLAN

Table 39-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 39-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
MKIF-1	X		X	New modular home station 2020/2021
MKIF-2		X		Ongoing
MKIF-3		X		Ongoing
MKIF-4		X		Ongoing
MKIF-5		X		Ongoing
MKIF-6		X		Ongoing
MKIF-7		X		Ongoing
MKIF-8	X			Living quarters / station built

Table 39-6 lists the initiatives that make up the Mica Kidd Island Fire Protection District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 39-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 39-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
MKIF – 1*	<i>*NEW* Obtain a siren/alerting system to notify community.</i>					
	All Hazards	1, 3, 5	MKIF	\$60,000	LOCAL, GRANTS	MEDIUM TERM
MKIF – 2	<i>Purchase land and construct second fire station at southern end of jurisdiction to protect critical equipment.</i>					
	All Hazards	3, 4, 6	MKIF	HIGH	USDA COMMUNITY FACILITIES DIRECT LOAN & GRANT PROGRAM, PDM, LOCAL	SHORT TERM
MKIF – 3	<i>Secure access to lake property and construct boathouse for fire boat to protect critical equipment.</i>					
	All Hazards	3, 4, 6	MKIF	HIGH	LOCAL	SHORT TERM
MKIF – 4	<i>Replace outdated and obsolete critical equipment</i>					
	All Hazards	3, 4, 6	MKIF	HIGH	ASSISTANCE TO FIREFIGHTERS GRANT PROGRAM, LOCAL	SHORT TERM
MKIF – 5	<i>Perform a study to identify all residence and structures for adequate identification and emergency response access.</i>					
	All Hazards	3, 4, 6, 7, 8	MKIF	LOW	LOCAL	SHORT TERM

## HAZARD MITIGATION PLAN MATRIX

TABLE 39-6

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
MKIF – 6	<i>Identify hazardous fuel treatment areas to mitigate to reduce wildfire and flood risks.</i>					
	Wildfire, Flood	3, 4, 6, 7, 8	MKIF	HIGH	ASSISTANCE TO FIREFIGHTERS GRANT PROGRAM, LOCAL	SHORT TERM
MKIF – 7	<i>Conduct and active shooter exercise with the three summer camps, fire and law enforcement.</i>					
	Active Shooter / Threat	1, 3, 5, 6	MKIF	LOW	LOCAL, GRANTS	SHORT TERM
MKIF – 8*	<i>*NEW* Create an accessible road to Camp Cross.</i>					
	All Hazards	4, 6	MKIF	\$200,000	LOCAL, GRANTS	LONG TERM
MKIF – 9*	<i>*NEW* Educate the community on defensible space and how to harden their home.</i>					
	Wildfire	1, 3, 5	MKIF	\$3,000	LOCAL, GRANTS	SHORT TERM
MKIF – 10*	<i>*NEW* Offer an open house to offer public education.</i>					
	All Hazards	1, 3, 5	MKIF	\$1,000	LOCAL, GRANTS	SHORT TERM
MKIF – 11*	<i>*NEW* Pick one Saturday a year to teach people how to fill sandbags.</i>					
	Flood	1, 3, 5	MKIF	\$1,000	LOCAL, GRANTS	ONGOING

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 39-7

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
MKIF-1*	High	3	High	High	Equals
MKIF-2	High	3	High	Medium	-
MKIF-3	High	3	High	Medium	-
MKIF-4	High	3	High	High	Equals
MKIF-5	Medium	5	Low	Medium	Exceeds
MKIF-6	High	5	High	Medium	-
MKIF-7	High	4	Low	Medium	Exceeds
MKIF-8*	High	2	High	High	Equals
MKIF-9*	High	3	Low	Medium	Exceeds
MKIF-10*	High	3	Low	Medium	Exceeds
MKIF-11*	High	3	Low	Medium	Exceeds

See the introduction to this Volume for explanation of priorities.

## CHAPTER 40

# NORTHERN LAKES FIRE PROTECTION DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS CONTACT OF

#### PRIMARY

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 tdrechsel@northernlakesfire.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Northern Lakes Fire Protection District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

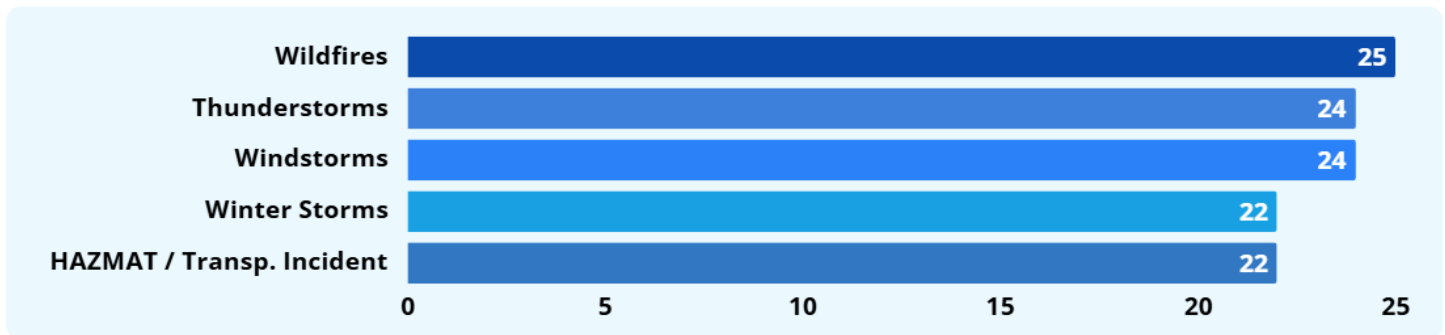


Figure 40-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 40-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
44,000	108 Sq. Miles	\$10,787,108,117

### OVERVIEW

The Northern Lakes Fire Protection District provides firefighting and emergency medical services, hazardous materials incident response and water rescue services to an area encompassing 108 square miles containing approximately 44,000 residents in Kootenai County. The Northern Lakes Fire Protection District is funded from tax dollars collected from properties within the boundaries of the Fire District.

Northern Lakes is bounded on the north by Timberlake Fire Protection District, to the south by Coeur d’Alene Fire Department, to the east by the Idaho Department of Lands and US Forest Service and on the west by Hauser Fire Protection

District and Kootenai County Fire Rescue. The District serves the communities of Hayden, Hayden Lake, Garwood, Twin Lakes and Rathdrum.

The District is staffed by 53 full-time firefighters/Emergency Medical Technicians and 1 Volunteer Emergency Medical Technician for six fire stations. The District maintains a fleet of 6 fire engines, 3 tenders, 3 brush trucks and 3 ambulances. The District is governed by the Board of Fire Commissioners that serve for 4 years. The Board assumes responsibility for the adoption of this plan; Chief Pat Riley will oversee its implementation

## SERVICE AREA AND TRENDS

Over the last five years several projects and changes have impacted the District's service area: Hayden Canyon Charter School, Kootenai Electric Cooperative Administrative Building, Hayden Surgery Center and expansion of the commercial district throughout the Fire District, the continued growth throughout the District with multiple new residential subdivisions and multi-family developments has had a major impact to our response call volume.

The following projects and changes are forecasted to have impacts in the District over the next five years: Hayden Canyon Subdivision, Battleground Subdivision, Hayden Sky Subdivision, Hazelnut Glen Subdivision, Marks Ranch Subdivision along with multiple other 25-70 lot subdivisions.

Potential issues arising from past and future projects and changes include: Increased call volume, increased wear on apparatus, and the need for more staffing with greater growth.

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 40-2
ASSET		VALUE
<b>PROPERTY</b>		
6.79 acres of land		\$2,001,952
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
V-03 2006 GMC Sierra Command Vehicle		\$45,000
V-04 2007 GMC Sierra Command Vehicle		\$45,000
V-06 2006 Seagraves Engine/Pumper		\$600,000
V-07 2000 HME Engine/Pumper		\$600,000
V-12 1995 Ford Brush/Plow/Utility Truck		\$150,000
V-14 1997 Ford Brush/Plow/Utility Truck		\$150,000
V-17 1995 GMC Tender/Pumper		\$300,000
V-20 1999 SeaArk Fire Boat		\$400,000
V-21 2007 Smoker Craft Fire Boat		\$25,000
V-24 Boat Trailer for SeaArk		\$6,000
V-25 Boat Trailer for Smoker Craft		\$4,500
V-28 2008 GMC Yukon Command Vehicle		\$45,000
V-29 2007 Utility Trailer		\$2,500
V-30 2006 Ford F-150 Plow/Utility Truck		\$150,000
V-33 2000 Ford E Ambulance – Rehab Unit		\$45,000
V-35 2015 Chevrolet Tahoe Command Vehicle		\$45,000
V-36 2015 Rosenbauer Tender		\$300,000
V-37 2015 Rosenbauer Tender		\$300,000
V-38 2016 Rosenbauer Pumper		\$600,000

V-39 2016 Rosenbauer Pumper	\$600,000
V-40 2017 Ford F550 Brush Truck	\$150,000
V-41 2021 F250 Command Vehicle	\$60,000
V-42 2021 F250 Command Vehicle	\$60,000
V-43 2021 F250 Command Vehicle	\$60,000
V-44 2021 F250 Command Vehicle	\$60,000
V-45 2021 F250 Command Vehicle	\$60,000
V-46 2022 F550 Brush Truck	\$150,000
V-47 2022 Rosenbauer Pumper	\$1,300,000
V-48 2022 Rosenbauer Pumper	\$1,300,000
	<b>TOTAL: \$7,613,000</b>

### CRITICAL FACILITIES

Fire Station 1, 125 W. Hayden Ave., Hayden ID	\$1,325,984
Fire Station 1, Annex Offices, 9697 N. Schmidt St., Hayden ID	\$400,140
Fire Station 2, 13876 W. Highway 53, Rathdrum ID	\$2,673,671
Fire Station 3, 17763 N. Pope Rd., Hayden ID	\$3,200,000
Fire Station 4, 4912 W. Par 3 Golf Course Rd., Rathdrum ID	\$250,000
Fire Station 5, 9158 E. Mokins Bay Rd., Hayden ID	\$300,000
Fire Station 6, 12240 N. Chase Rd., Rathdrum ID	\$200,000
Fire Station 7, 49687 Old Highway 95, Rathdrum, ID	\$250,000
Fire Station 8, 14000 W. Highway 53, Rathdrum, ID	\$700,000
Fire Training Tower, 10375 Sensor Dr., Hayden ID	\$100,000
	<b>TOTAL: \$9,309,795</b>

### REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Comprehensive/Master Plan
- International Fire Code
- Capital Improvements Plan
- Fire department ISO rating: 4
- Hazard data and information: Emergency Reporting
- Grant writing, Prevention Bureau

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 40-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	YES	4 & 8	2015
StormReady	N/A	N/A	N/A
FireSmart	YES	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 40-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
<b>Flooding</b>	-	1993	-
<b>Severe weather</b>	-	1993/1996/ 1997/2016	-
<b>Wildfire</b>	-	1992	-
<b>Volcanic ash fall</b>	-	1980	-

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**High Wind:** In the Northwest Corner and Eastern side of the jurisdiction, wind events have caused multiple tree falls, blocking roads and making emergency response difficult.

**Flooding:** Rathdrum Creek is subject to annual flooding, even with light snow melt. Concerns for Hayden Lake Dike.

**Transportation:** Increase in aircraft and flight patterns.

## COMMUNITY CHALLENGES

- Population Growth
- Communications
- Lack of Water Supply
- Lack of Funding / Budget
- Equipment Replacement
- Egress Transportation During Disasters

**HAZARD RISK RANKING**

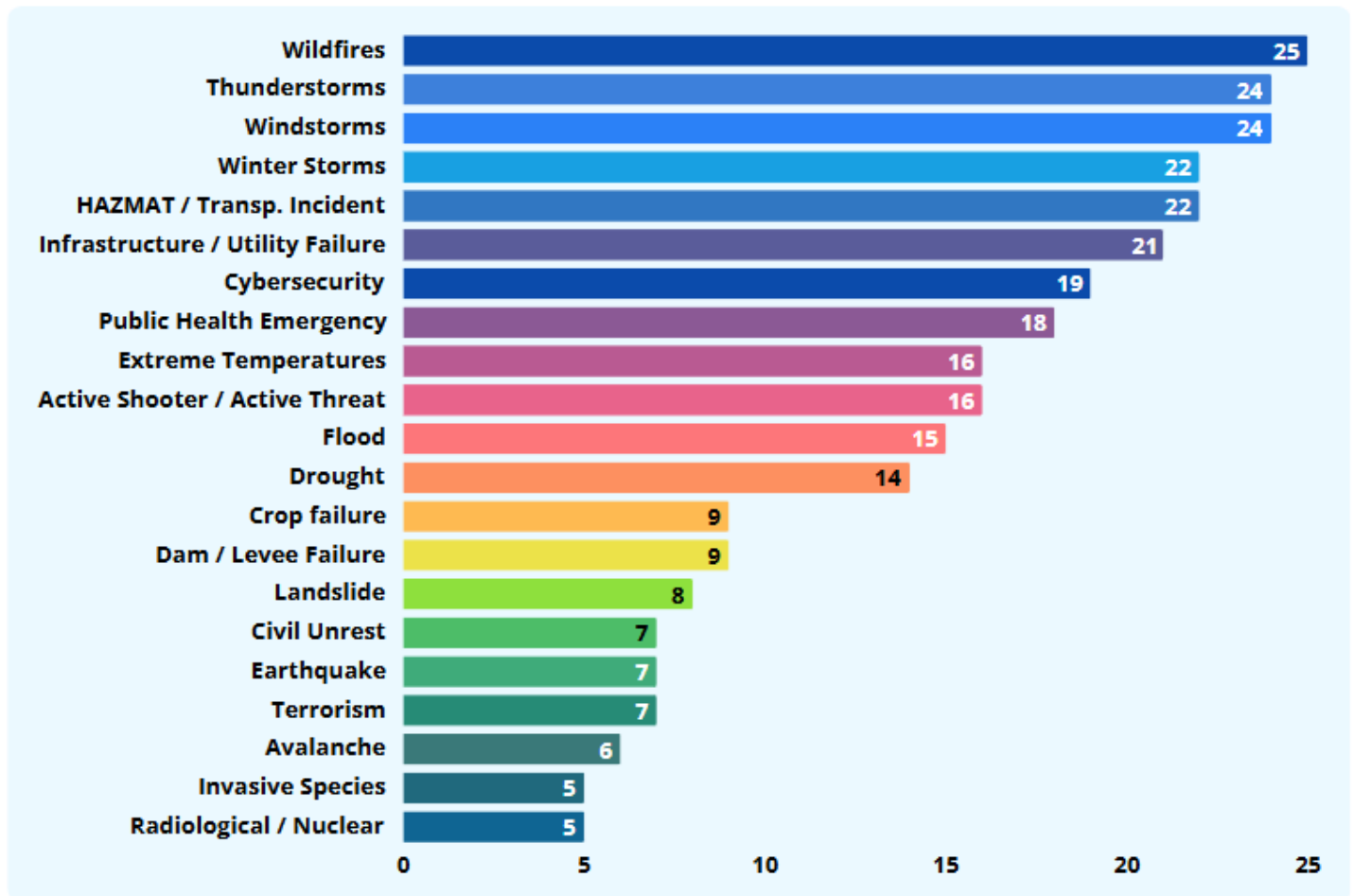


Figure 40-2 Hazard Risk Ranking Chart for Northern Lakes Fire Protection District

### MITIGATION ACTION PLAN

Table 40-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 40-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
NLF - 1		X		Ongoing, constant engagement with community
NLF - 2		X		Install Fire Danger signs around Hayden Lake and present to Association
NLF - 3		X		Provide data for all new construction projects
NLF - 4	X			Temporary Levy passed Nov. 2024
NLF - 5		X		Ongoing
NLF - 6		X		Annual flood fight awareness
NLF - 7		X		Ongoing
NLF - 8			X	On hold
NLF - 9		X		On going, waiting for funding opportunities
NLF - 10	X			On hold until future remodel
NLF - 11		X		Beginning stages of plan
NLF - 12	X			Sept. 2024
NLF - 13	X			Hired 4, May 2025
NLF - 14		X		Project will continue as funding is available
NLF - 15		X		Meeting scheduled for Summer 2025
NLF - 16		X		Current location on hold, identifying new location
NLF - 17		X		Identifying new location

Table 40-6 lists the initiatives that make up the Northern Lakes Fire Protection District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 40-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 40-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
NLF - 1	<i>Promote public awareness of Wildfire Mitigation Opportunities through public education, site evaluations and increased communications.</i>						
	Wildfire	1, 3, 5	NLFD	LOW	IN HOUSE	SHORT TERM	
NLF - 2	<i>Promote public education to the transient and seasonal population through public education, site evaluations and increased communications.</i>						
	Wildfire	1, 3, 5	NLFD	MEDIUM	IN HOUSE PDM	SHORT TERM	
NLF - 3	<i>Increase Awareness of NFPA 704 For Hazardous Materials Storage through inspection, review of existing and new businesses.</i>						
	HAZMAT / Transportation	1, 3, 4, 5, 6, 9	NLFD	LOW	PDM WUI	SHORT TERM	

## HAZARD MITIGATION PLAN MATRIX

TABLE 40-6

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
NLF - 4*	<i>*NEW* Continue working with property owners and OEM to reduce fuels on and adjacent properties in WUI areas.</i>					
	Wildfire	1, 3, 5	NLFD	MILLIONS	FEMA HMGP, STATE GRANTS	LONG TERM
NLF - 5	<i>Engage in Hazardous Fuel Reduction projects in High Use areas in conjunction with WUI Taskforce. Boekel Rd west of Atlas and Loch Haven Hills area.</i>					
	Wildfire	2, 3, 4, 5, 6, 8	NLFD	HIGH	PDM, WUI	SHORT TERM
NLF - 6	<i>Continue with participation in flood emergency preparedness with staff training, available resources and available staff to assist with flood emergencies.</i>					
	Flood	1, 3, 4	NLFD	LOW	IN HOUSE, FMAP	SHORT TERM
NLF - 7	<i>Engage in empowering the separate neighborhoods in emergency preparedness and helping out others in their neighborhoods, primarily in the areas with a greater response time from the staffed fire stations.</i>					
	All Hazards	1, 3	NLFD	HIGH	PDM	LONG TERM
NLF - 8*	<i>*NEW* Educate land developers and property owners of risk potential regarding new construction reducing wind blocks and creating temporary hazard areas.</i>					
	Thunderstorms	1, 3, 4, 5, 9	NLFD	\$250,000	FEMA HMGP, STATE GRANTS	LONG TERM
NLF - 9	<i>Apply for grant to receive funds for purchasing address signs for properties in the Fire District. This will improve identification of addresses.</i>					
	All Hazards	1, 3, 5	NLFD	LOW	GENERAL FUND	SHORT TERM
NLF - 10*	<i>*NEW* Educate citizens about hazard trees on properties, work with landowners &amp; foresters to educate the community.</i>					
	Windstorms	1, 3	NLFD	\$125,000	FEMA HMGP, STATE GRANTS	LONG TERM
NLF - 11	<i>Start a Community Risk Reduction Program.</i>					
	All Hazards	1, 3	NLFD	\$35,000	UNKNOWN	SHORT TERM
NLF - 12*	<i>*NEW* Work with Highway Districts and Street Departments to educate about winter driving risks.</i>					
	Winter Storms	1, 3, 4, 5	NLFD	\$10,000	STATE GRANTS	MEDIUM TERM
NLF - 13*	<i>*NEW* Educate citizens about HAZMAT with assistance from BNSF, Union Pacific, ISP, KCSO, and OEM</i>					
	HAZMAT / Transportation	1, 3, 4, 5	NLFD	\$10,000	FEMA HMGP, STATE GRANTS	ONGOING
NLF - 14	<i>Addition of 50+ new properties to EoHL Firewise Community.</i>					
	Wildfire	1, 3	NLFD	UNKNOWN	UNKNOWN	ONGOING
NLF - 15	<i>Work with property owners association for the Fire Wise designation for the community of Twin Lakes Village.</i>					
	Wildfire	1, 3	NLFD	UNKNOWN	UNKNOWN	ONGOING
NLF - 16	<i>Complete construction of NLFD Station 3 at Pope and Garwood Rd.</i>					
	All Hazards	1, 3, 5	NLFD	UNKNOWN	UNKNOWN	ONGOING
NLF - 17	<i>Work towards construction/staffing of NLFD station 4.</i>					
	All Hazards	1, 3, 5	NLFD	UNKNOWN	UNKNOWN	ONGOING

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 40-7

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
NLF - 1	High	3	Low	High	Exceeds
NLF - 2	Medium	3	Medium	Medium	Equals
NLF - 3	Low	6	Low	Low	Equals
NLF - 4*	High	3	High	Medium	Equals
NLF - 5	High	6	High	High	Equals
NLF - 6	Low	3	Low	Low	Equals
NLF - 7	Medium	2	High	Low	Equals
NLF - 8*	High	5	Medium	Medium	Equals
NLF - 9	Low	3	Low	Low	Equals
NLF - 10*	High	2	Medium	Medium	Equals
NLF - 11	High	2	Low	High	Exceeds
NLF - 12*	Medium	4	Low	Medium	Exceeds
NLF - 13*	Medium	4	Low	Medium	Exceeds
NLF - 14	Medium	2	Unknown	Medium	-
NLF - 15	Medium	2	Unknown	Medium	-
NLF - 16	Medium	3	Unknown	High	-
NLF - 17	Medium	3	Unknown	High	-

See the introduction to this Volume for explanation of priorities.

## CHAPTER 41

# SILVER VALLEY FIRE RESCUE ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Scott Dietrich

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#### ALTERNATE

Travis Costa

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tcosta@svfirerescue.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.
- Silver Valley Fire Rescue, formerly Shoshone County Fire District, has been updated throughout the document to reflect the agency's current name.
- Action Numbers have been changed from SCF to SVFR.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Silver Valley Fire Rescue. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

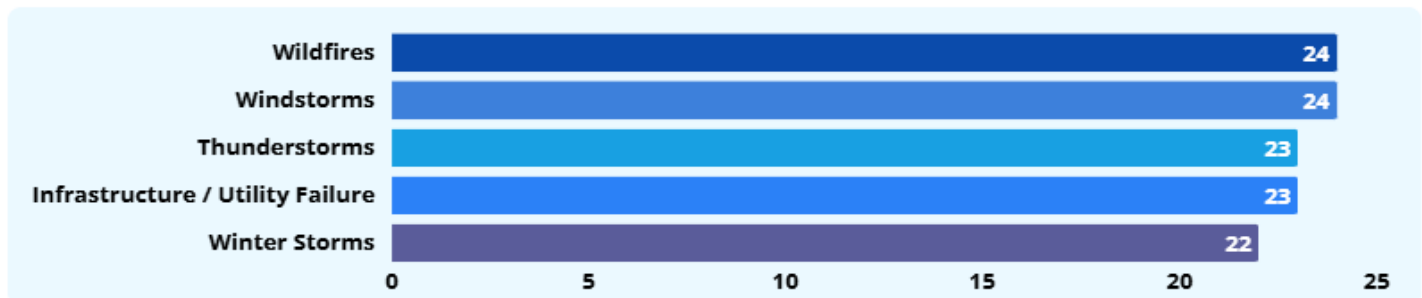


Figure 41-1: Hazard Risk Summary

JURISDICTION SUMMARY		
POPULATION SERVED	SERVICE AREA	RISK VALUE
900 Kootenai County Residents, 666 dwelling units	100 sq. miles	-

### OVERVIEW

Silver Valley Fire Rescue (formerly Shoshone County Fire District) was formed in 1930. Through several annexations in the late '70s and early '90s a large portion of land on the eastern side of Kootenai County was annexed into the district. The district serves the area from the Kootenai/Shoshone County line west to approximately milepost 28 on I-90. The District extends south on State Highway 3 just south of Willow Creek. This area includes the communities of Cataldo, Rose Lake, Medimont and the drainages in between.

Silver Valley Fire Rescue provides firefighting, limited emergency medical services, hazardous materials incident response, water rescue services and extrication services. The district is composed of an area encompassing approximately 100 square miles and approximately 900 residents within Kootenai County. Silver Valley Fire Rescue is bounded on the west side along the I-90 corridor by Kootenai County Fire & Rescue, immediately to the south is an unprotected area from Willow Creek to the St. Maries Fire Department line, Idaho Dept. of Lands provides protection within and surrounding Silver Valley Fire Rescue

Silver Valley Fire Rescue is staffed by 13 career firefighter/EMTs, approximately 10 volunteer firefighter/EMTs and a paid Chief. The district operates out of 4 stations (two within Kootenai County), 2 are staffed with paid career firefighters, 2 are staffed with volunteers. The District is overseen by a three-member Board of Commissioners. The commissioner's districts are divided into 3 sub-districts one of which serves both Kootenai and a portion of Shoshone County.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 41-2
ASSET		VALUE
<b>PROPERTY</b>		
1 Acres of Land - Doyle Road		
1.065 Acres of Land - Medimont		
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
1989 Pierce Pumper		\$50,000
VIN 1P9CTO1D5KAO40289		
2010 Spartan Pumper		\$50,000
VIN 4S7CT2D93AC072463		
1986 Chevrolet Brush Truck		
VIN 1GBJK34W1GJ164316, License Plate		
Military Surplus Tender		\$20,000
Military Surplus Trailer Mounted Pump		\$10,000
Two Medical Quick Response Vehicles		
		<b>TOTAL: \$325,000</b>
<b>CRITICAL FACILITIES</b>		
Doyle Road Fire Station 1 Acre		\$562,432
Medimont Fire Station 1.065 Acres		\$562,432
		<b>TOTAL: \$1,124,864</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Kootenai County Land Use Code Ordinance 493
- Idaho Fire Code

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 41-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	YES	8/9/10	2019
StormReady	YES	Blue	9/20/13
FireSmart	N/A	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 41-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Flooding / Severe Weather	DR-1781	2008	\$1,501,030

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Flood:** There is a concern about river flooding in Cataldo as well as high water along Highway 3.

**Landslide and Avalanche:** There could be possible transportation impacts, especially within the Fourth of July Canyon.

**Utility and Power Failure:** There have been several events in the past year with phone services outages in the Rose Lake/Medimont area.

## COMMUNITY CHALLENGES

- Rural Community
- Limited Communications
- Poor/Non-Effective Water Systems that Utilize Power
- Poorly Maintained Infrastructure
- Limited Access Egress for Disasters

**HAZARD RISK RANKING**

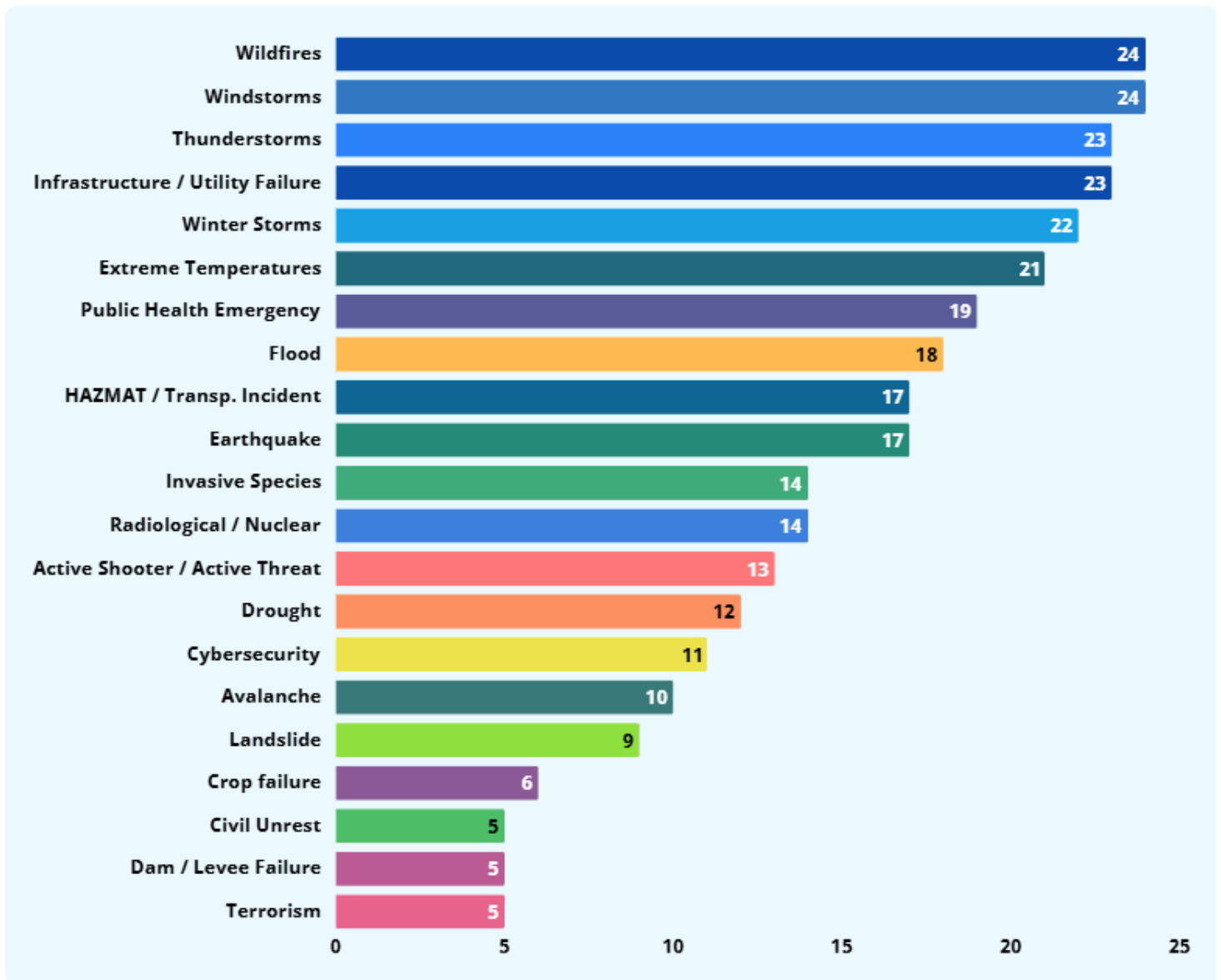


Figure 41-2 Hazard Risk Ranking Chart for Silver Valley Fire Rescue

## MITIGATION ACTION PLAN

Table 41-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 41-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
SVFR-1		X		Will contact the weather service to get this completed
SVFR -2			X	
SVFR -3		X		Ongoing
SVFR -4		X		Ongoing. Public education campaign by 2026
SVFR -5			X	
SVFR -6		X		Looking for funding
SVFR -7		X		Workgroup currently exploring options / funding for this project

Table 41-6 lists the initiatives that make up the Silver Valley Fire Rescue hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 41-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 41-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
SVFR - 1	<i>Determine where to permanently mark when to start pumping the CdA River at Cataldo during high water events. Map in GIS.</i>						
	<b>Flooding</b>	<b>1, 3, 4, 5, 6, 8</b>	<b>SCFPD</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>	
SVFR - 2*	<i>*NEW* Distribute maps to individuals in specific areas that outline available evacuation routes for emergencies.</i>						
	<b>All Hazards</b>	<b>1, 3, 5</b>	<b>SCFPD</b>	<b>\$2,000</b>	<b>LOCAL, FIRE PREVENTION COOP</b>	<b>SHORT TERM</b>	
SVFR - 3	<i>Keep hydrants free of snow in the winter month – Cataldo.</i>						
	<b>Winter Storms</b>	<b>3, 4, 6</b>	<b>SCFPD</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>	
SVFR - 4	<i>Identify high risk areas, promote public awareness, and then seek to reduce fuel loads on public lands working with appropriate Local, Federal, and State agencies.</i>						
	<b>Wildfire</b>	<b>1, 3, 5, 6, 8</b>	<b>SCFPD</b>	<b>MEDIUM</b>	<b>NFP</b>	<b>ONGOING</b>	
SVFR - 5*	<i>*NEW* Have a public education campaign to educate individuals on the change to “Ready Set GO” and what the different terminology means.</i>						
	<b>All Hazards</b>	<b>1, 3, 5</b>	<b>SCFPD</b>	<b>\$1,000</b>	<b>LOCAL, FIRE PREVENTION COOP</b>	<b>SHORT TERM</b>	
SVFR - 6	<i>Install emergency generators at the Fire Stations located in Medimont and Doyle Road.</i>						
	<b>All Hazards</b>	<b>3, 5, 6</b>	<b>SCFPD</b>	<b>HIGH</b>	<b>LOCAL, GRANTS</b>	<b>MEDIUM TERM</b>	
SVFR - 7	<i>Improve radio communications especially down Highway 3 corridor. Work toward interoperability with other Kootenai County Emergency Service Agencies.</i>						
	<b>All Hazards</b>	<b>1, 3, 4, 6</b>	<b>SCFPD</b>	<b>MEDIUM</b>	<b>LOCAL, GRANTS</b>	<b>MEDIUM TERM</b>	

## HAZARD MITIGATION PLAN MATRIX

TABLE 41-6

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
SVFR - 8*	<i>*NEW* Educate the public on the importance of having defensible space and options to help them accomplish this.</i>					
	Wildfire	1, 3, 5	SCFPD	\$2,000	LOCAL, FIRE PREVENTION COOP	SHORT TERM
SVFR - 9*	<i>*NEW* Prepare a surplus of sand and sandbags to be available to the public during flooding events. Educate the public on the availability of sandbags and where to access them.</i>					
	Flooding	1, 3, 5, 6	SCFPD	\$1,000	LOCAL, COORD. WITH KCOEM	SHORT TERM

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 41-7

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
SVFR -1	Low	6	Low	Medium	Exceeds
SVFR -2*	High	3	Low	High	Exceeds
SVFR -3	Medium	3	Low	High	Exceeds
SVFR -4	High	5	Medium	Medium	Equals
SVFR -5*	High	3	Low	Medium	Exceeds
SVFR -6	High	3	High	High	Equals
SVFR -7	High	4	Medium	High	Exceeds
SVFR -8*	High	3	Low	Medium	Exceeds
SVFR -9*	Medium	4	Low	Medium	Exceeds

See the introduction to this Volume for explanation of priorities.

## CHAPTER 42

# SPIRIT LAKE FIRE PROTECTION DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Dave England, Chief  
 32182 N 6th Ave.  
 Spirit Lake, ID 83869  
 Telephone: 208-623-5800  
 chief@spiritlakefire.com

#### ALTERNATE

Anne Boisvert, District Administrator  
 32182 N 6th Ave.  
 Spirit Lake, ID 83869  
 Telephone: 208-660-3865  
 admin@spiritlakefire.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Spirit Lake Fire Protection District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

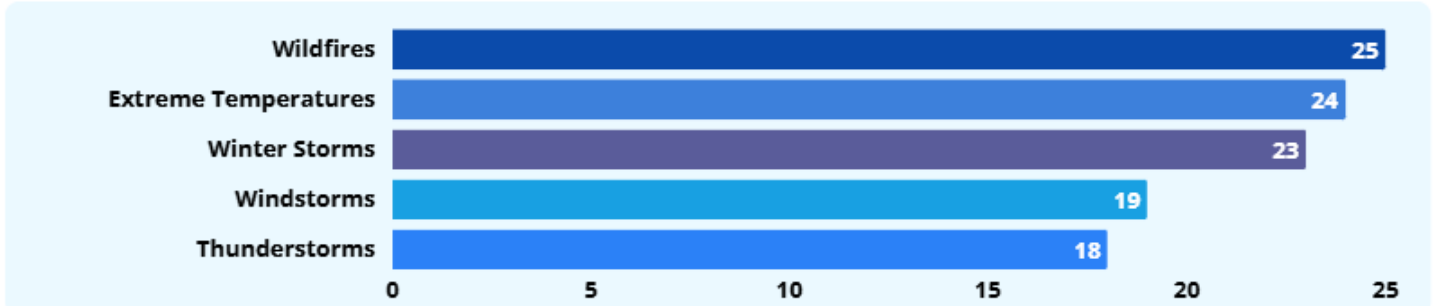


Figure 42-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 42-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
15,751	120 sq. miles	\$1,934,514,449.

### OVERVIEW

Located in Spirit Lake, Idaho, the Spirit Lake Fire Protection District was formed in 1978 after the need for fire protection in rural areas proved necessary. Over the years the fire protection district expanded from a small volunteer fire district to its present status staffed by paid personnel.

The District provides fire and emergency medical services, hazardous materials incident response, and water rescue services to a population of 15,751 in the town of Spirit Lake and surrounding areas, the town of Blanchard, and the

communities of Spirit Lake East, Stoneridge, Hoodoo Valley, Spirit Valley, and Vay. The District's boundaries cover 120 square miles in both Bonner and Kootenai Counties.

The Spirit Lake Fire Protection District is bounded north by the West Pend Oreille Fire District, south by the Northern Lakes Fire Protection District, east by the Timberlake Fire Protection District, and west by Spokane County Fire District 4 in Washington.

The District is staffed by nine (9) full-time firefighters at one station. The District maintains a fleet of two (2) Class A fire engines, two (2) water tenders, two (2) brush trucks, two (2) command vehicles, a fire boat, and a UTV. The District is governed by a Board of Commissioners that assumes responsibility for the adoption of this plan. District Administrator Anne Boisvert will temporarily oversee its implementation.

## ASSETS

The following table summarizes the critical assets of the District and their value:

<b>DISTRICT ASSETS</b>		<b>TABLE 42-2</b>
<b>ASSET</b>		<b>VALUE</b>
<b>PROPERTY</b>		
1/2 acre of land		\$200,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Class A fire engines (2)		\$1,000,000
Water tenders (2)		\$605,000
Brush trucks (2)		\$275,000
Command vehicles (2)		\$57,450
Fire boat (1)		\$26,000
UTV Ranger (1)		\$6,800
		<b>TOTAL: \$1,970,250</b>
<b>CRITICAL FACILITIES</b>		
Fire Station 1, 32168 N 6th Ave, Spirit Lake		\$682,780
Fire Station 1 – Admin Building, 32182 N 6th Ave, Spirit Lake		\$665,851
Fire Station 2, 16 Hunter Road, Blanchard		\$599,774
Fire Station 3, 5265 Spirit Lake Cutoff Rd, Spirit Lake		\$444,381
		<b>TOTAL: \$2,392,786</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Kootenai County's Local Emergency Operations Plan
- Continuity of Operations Plan
- Community Wildfire Protection Plan

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 42-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	YES	4/8	2012
StormReady	N/A	N/A	N/A
FireSmart	N/A	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 42-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Nothing significant in last five years specifically within the jurisdiction	-	-	-

## COMMUNITY CHALLENGES

- Population Growth
- Lack of Funding – Levy
- Water Moratorium

**HAZARD RISK RANKING**

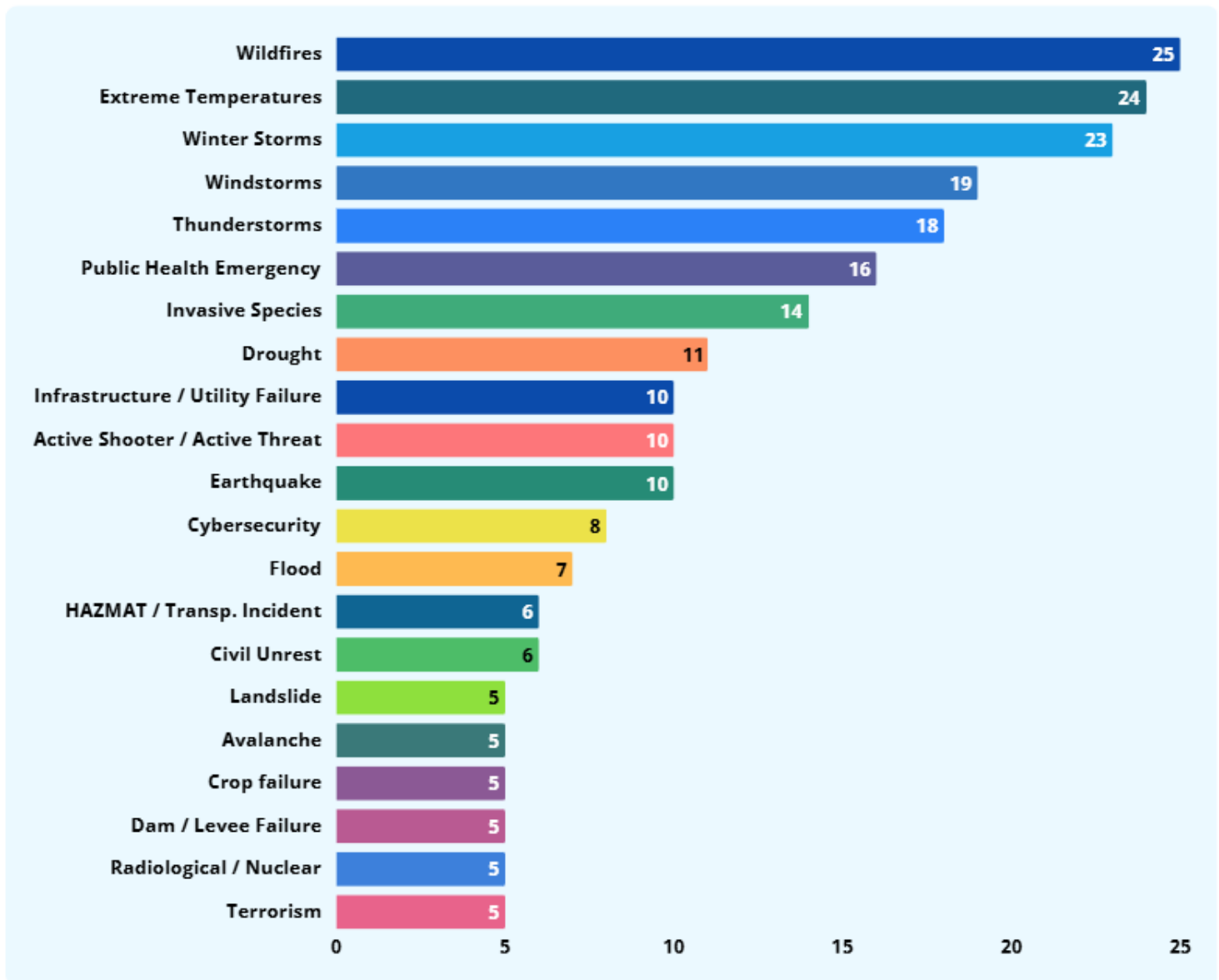


Figure 42-2 Hazard Risk Ranking Chart for Spirit Lake Fire Protection District

## MITIGATION ACTION PLAN

Table 42-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 42-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
SLF-1		X		100+ acres of 680 acres of focus area: south of Kelso Lake Rd and Spirit Lake Cutoff (private properties) – Outback Ridge Estates, Edgehere
SLF-2			X	Using updated version for 2025
SLF-3			X	SLFPD has moved away from cisterns and ponds requirements on private properties – unable to monitor maintenance (dirty ponds/cisterns can clog hoses and equipment)
SLF-4			X	
SLF-5			X	
SLF-6		X		
SLF-7			X	
SLF-8		X		Participated in the Great Shake Out 2024. Pushed social media messaging

Table 42-6 lists the initiatives that make up the Spirit Lake Fire Protection District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 42-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 42-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
SLF - 1	<i>Identify and then seek to reduce fuel loads on targeted public lands working with appropriate Federal and State agencies.</i>						
	Wildfire	1, 3, 4, 5, 6	SLFD	MEDIUM	WUI, FMAP, PDM	SHORT TERM	
SLF -2*	<i>*NEW* Complete detailed review of all proposed subdivisions to ensure proper and sufficient ingress /egress pathways are planned and established.</i>						
	Wildfire	1, 3, 4, 5, 6, 9	SLFD	LOW	GRANTS	ONGOING	
SLF - 3*	<i>*NEW* Implement and offer to all property owners a home wildfire risk assessment program.</i>						
	Wildfire	1, 3, 4, 6	SLFD	LOW	LOCAL, GRANTS	ONGOING	
SLF - 4*	<i>*NEW* Increase knowledge of warning and notification system, e.g.: Alert! Kootenai in rural communities.</i>						
	All Hazards	1, 3, 5	SLFD	LOW	LOCAL, GRANTS	ONGOING	
SLF - 5*	<i>*NEW* Educate citizens on the dangers of extreme temperatures. Organize outreach to vulnerable populations and promote accessible heating or cooling centers in the community.</i>						
	Extreme Temperatures	1, 3, 5	SLFD	LOW	LOCAL, GRANTS	ONGOING	

## HAZARD MITIGATION PLAN MATRIX

TABLE 42-6

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
SLF - 6	<i>Increase the knowledge of elected and appointed officials regarding land use practices in wildfire prone areas.</i>					
	Wildfires	1, 3, 5, 6	SLFD	LOW	LOCAL	SHORT TERM
SLF - 7*	<i>*NEW* Develop standard operating guidelines to provide a common framework for all personnel. Outfit all SLFPD line staff with Rescue Task Force equipment (Ballistic Vests, Helmets, etc...)</i>					
	Active Shooter / Threat	3, 4, 6	SLFD	\$5,000	LOCAL, GRANTS	MEDIUM TERM
SLF - 8	<i>Provide education to the public on the risks of and the actions to take in the event of an earthquake.</i>					
	Earthquake	1, 3, 5	SLFD	LOW	LOCAL	SHORT TERM

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 42-7

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
SLF-1	High	5	Medium	Medium	Equals
SLF-2*	High	6	Low	High	Exceeds
SLF-3*	Medium	4	Low	Medium	Exceeds
SLF-4*	High	3	Low	Medium	Exceeds
SLF-5*	High	3	Low	Medium	Exceeds
SLF-6	Low	4	Low	Low	Equals
SLF-7*	Low	3	Medium	High	Exceeds
SLF-8	Low	3	Low	Medium	Exceeds

See the introduction to this Volume for explanation of priorities.

## CHAPTER 43

# ST. MARIES FIRE PROTECTION DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

Michael D. Patti, Chief  
 308 W Jefferson Ave.  
 St Maries, ID 83861  
 Telephone: 208-245-5253  
 mpatti@smfpd.com

#### ALTERNATE

Cary Rubiera, Executive Assistant  
 308 W Jefferson Ave.  
 St Maries, ID 83861  
 Telephone: 208-245-5253  
 crubiera@smfpd.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for St. Maries Fire Protection District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

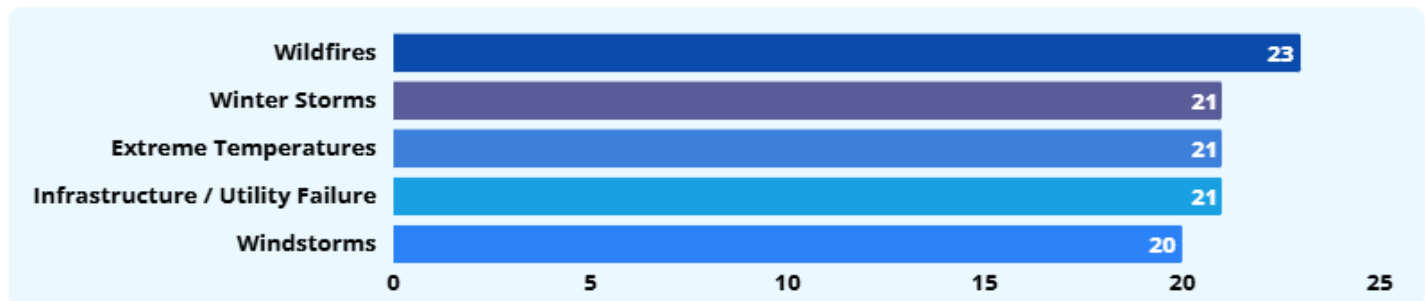


Figure 43-1: Hazard Risk Summary

JURISDICTION SUMMARY		RISK VALUE
POPULATION SERVED	SERVICE AREA	RISK VALUE
400	41 sq. miles	\$83,935,845

### OVERVIEW

The St. Maries Fire Protection District provides firefighting and emergency medical services, limited hazardous materials incident response and technical rescue services to an area encompassing 41 square miles and approximately 400 residents in Kootenai County.

The St. Maries Fire Protection District is bounded on the north by East Side Fire District, to the south by the St. Maries Fire Protection District [Benewah County], to the east by Idaho Department of lands and on the west by Lake Coeur d’Alene. The district serves communities of St. Maries, the City of Harrison, and unincorporated county areas within its boundaries. The St. Maries Fire Protection District is staffed by a full-time fire chief, 2 career firefighters, 20 volunteer firefighters and 4 volunteer Emergency Medical Technicians at 2 fire stations in Kootenai County with our headquarters located in St. Maries (Benewah County). SMFPD has 5 new fire fighters in training at this time The District is governed by three elected fire Commissioners, who will oversee the adoption of this plan.

## SERVICE AREA AND TRENDS

Over the last five years development in the area of Harrison city has been slower than other areas in Kootenai County due to the relative limited access to the area along Route 97. New single family home development, Stone Gate, is now complete. This project will add about 135 homes to the City of Harrison. It is anticipated that most of the new residents will be retired or summer residents.

There are a number of building and subdivision projects in conceptual stages in the area around Harrison. However, the current economic conditions have slowed development. In the next five years it is anticipated that there will be an increase in single family dwellings and subdivisions, but not to the rapid expansion seen in the recent 2006-2007 building boom in this area. See Chain Lakes/Eastern Kootenai County Planning Area for additional information on development trends.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 43-2
ASSET		VALUE
<b>PROPERTY</b>		
1 acre of land		\$25,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Class A Engines (2)		\$264,000 ea.
Type 6 Brush Truck [2]		\$45,000 ea.
Type 1 Tender [1]		\$250,000
Crew cab Support Truck-with extrication equipment		\$4,000
2001 F-450 4x4 with 300-gallon water tank and extrication equipment		\$30,000
		<b>TOTAL: \$902,000</b>
<b>CRITICAL FACILITIES</b>		
O'Gara Fire Station		\$674,700
Harrison Station, owned by city of Harrison		\$204,300
St. Joe Baldy Repeater		\$41,000
Plummer Butte Repeater		\$28,000
		<b>TOTAL: \$948,000</b>

## REGULATIONS AND PLANS

No existing district codes, ordinances, policies, or plans have been identified as applicable to this Hazard Mitigation Plan.

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 43-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	YES	5 / 8	3/1980 & Last Inspection 12/2011
StormReady	N/A	N/A	N/A
FireSmart	N/A	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 43-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Volcanic Eruption	Dr. – 624	5-22-1980	-
Storm/ Flooding	Dr. – 1102	2-11-1996	-
Storm/Flooding	Dr. – 1154	1-4-1997	-
Flooding	Dr. – 1781	7-31-2008	-

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Cyber Security:** The Fire District intends to invest in education regarding cyber-security threats that could impact the jurisdiction.

## COMMUNITY CHALLENGES

- Fragile Water Systems
- Lack of Funding (Budget, Grants)
- Accessibility (HWY 97 / 3 / 5)
- Lack of Staffing (Volunteer or Career)

**HAZARD RISK RANKING**

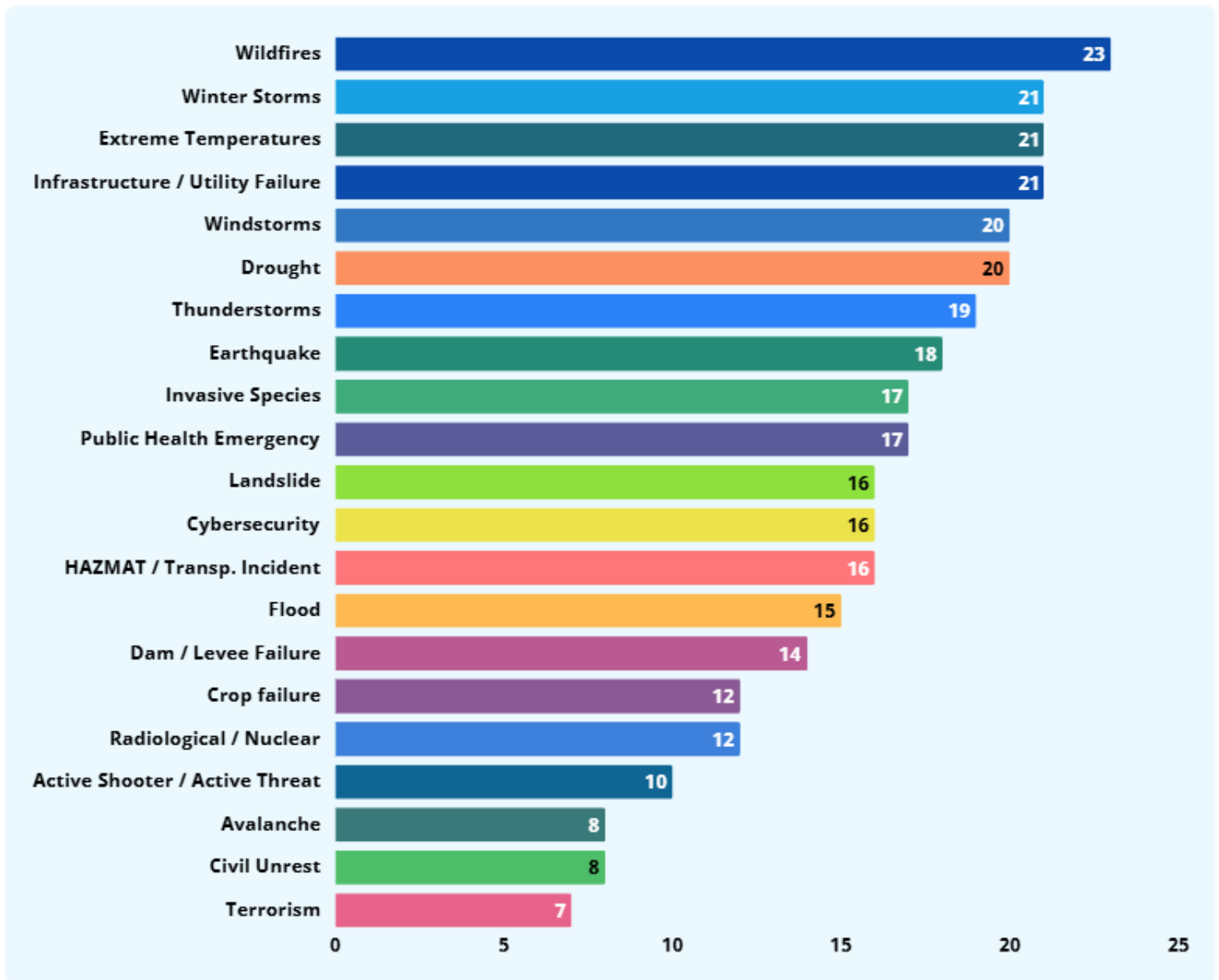


Figure 43-2 Hazard Risk Ranking Chart for St. Maries Fire Protection District

## MITIGATION ACTION PLAN

Table 43-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 43-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
SMF-1		X		Ongoing
SMF-2		X		Ongoing
SMF-3		X		Ongoing
SMF-4		X		Ongoing
SMF-5		X		Ongoing

Table 43-6 lists the initiatives that make up the St. Maries Fire Protection District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 43-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 43-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
SMF - 1	<i>Identify and then seek to reduce fuel loads on targeted public lands working with appropriate Federal and State agencies.</i>						
	Wildfire	1, 3, 4, 5, 6	SMFD	MEDIUM	WUI, FMAP, PDM	SHORT TERM	
SMF - 2	<i>Work with private industry and local governments to improve the storage and containment of hazardous materials.</i>						
	HAZMAT	1, 3, 4, 5, 6	SMFD	LOW	PDM, FMAP	SHORT TERM	
SMF - 3	<i>Increase public knowledge regarding safety while building in wildfire prone areas.</i>						
	Wildfire	1, 3, 5	SMFD	LOW	LOCAL	SHORT TERM	
SMF - 4	<i>Develop local programs which provide education to local homeowners on becoming a Firewise Community.</i>						
	Wildfire	1, 3, 5, 6	SMFD	LOW	LOCAL, GRANTS	SHORT TERM	
SMF - 5	<i>Offer ICS 100 and ICS 200 classes to other governmental entities in our area.</i>						
	All Hazards	1, 3, 5	SMFD	LOW	LOCAL, GRANTS	ONGOING	
SMF - 6*	<i>*NEW* Ongoing education for fuel mitigation and control. Education for Homeowners and restriction of burning that is not permitted or controlled. (CWPP)</i>						
	Wildfires	1, 3, 5	SMFD	LOW	LOCAL, GRANTS	ONGOING	
SMF - 7*	<i>*NEW* DEQ/Burn Educational Campaign. Wildland Urban Interface Education for Homeowners. Providing fire safety education at schools of all grades. Education via community events (CWPP)</i>						
	Wildfires	1, 3, 5	SMFD	LOW	LOCAL, GRANTS	ONGOING	
SMF - 8*	<i>*NEW* Burn Permit requirement, Burn Education and Burn regulation enforcement. Assisting with WUI evacuation and planning for homeowners. (CWPP)</i>						
	Wildfires	1, 3, 5	SMFD	LOW	LOCAL, GRANTS	ONGOING	
SMF - 9*	<i>*NEW* Training for firefighters to meet minimum training requirements for Wildland Fire. Minimum training for Wildland S130, S190, RT130, LCS180, ICS 100, ICS 200, ICS 700, ICS. (CWPP)</i>						
	Wildfires	1, 3, 5	SMFD	LOW	LOCAL, GRANTS	ONGOING	

MITIGATION STRATEGY PRIORITY SCHEDULE				TABLE 43-7	
ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
SMF-1	High	5	Medium	High	Exceeds
SMF-2	High	5	Low	High	Exceeds
SMF-3	Medium	3	Low	Low	Equals
SMF-4	Medium	4	Low	Low	Equals
SMF-5	Low	3	Low	Medium	Exceeds
SMF-6*	Medium	3	Low	Medium	Exceeds
SMF-7*	Low	3	Low	Medium	Exceeds
SMF-8*	Medium	3	Low	Medium	Exceeds
SMF-9*	Low	3	Low	High	Exceeds

See the introduction to this Volume for explanation of priorities.

## CHAPTER 44

# TIMBERLAKE FIRE PROTECTION DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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5985 E Hwy 54, PO Box 810  
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Telephone: 208-683-3333  
bhermenet@timberlakefire.com

#### ALTERNATE

Kody Wright, Fire Marshal  
5985 E Hwy 54, PO Box 810  
Athol, ID 83801  
Telephone: 208-683-3333  
kwright@timberlakefire.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Timberlake Fire Protection District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

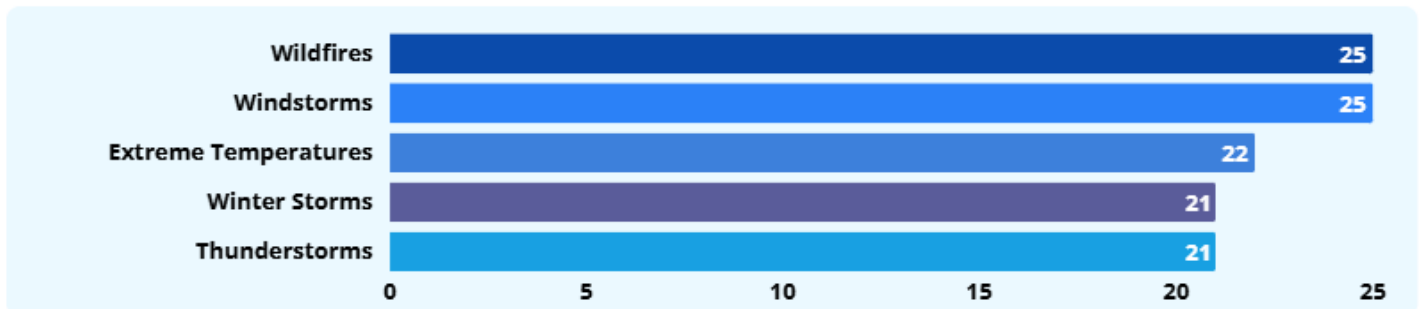


Figure 44-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 44-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
12,000 appx.	83 sq. miles	\$1,700,000,000

### OVERVIEW

The Timberlake Fire Protection District (TFPD) is a combination career/volunteer fire department in North Idaho. TFPD was formed in 1999 as the result of a consolidation between the Athol and Bayview Fire Protection Districts. The TFPD, located on the US Highway 95 corridor approximately 15 miles north of Coeur d'Alene, Idaho, provides fire, medical response/transport, rescue, first responder hazardous materials responses, and other emergency services. TFPD currently holds an ISO/ISRB rating of Class 4/8.

The District covers an 83 square mile area of Kootenai County, with an approximate resident population of 8,000, includes the City of Athol and the surrounding communities of Bayview and Chilco, the latter two being unincorporated. The summer population booms to over 30,000 with visitors. It also provides fire protection to the Little Blacktail Community in Bonner County.

The District protects a variety of areas and hazards within its boundaries including the following: Farragut State Park, the largest and busiest state park in Idaho, U.S. Navy Acoustic Research Detachment at Bayview, Silverwood Theme Park, the largest theme park in the Pacific Northwest, Two large lumber mills, Merritt Brothers and Idaho Forestry Products Group Chilco Mill, BNSF and UP railroads where over 60 trains per day pass through the center of the district including freight and passenger trains, U.S. Highway 95, the major north-south corridor through Idaho and the 6th deadliest stretch of highway in the country, the marinas in Scenic Bay containing over 1,200 boat slips, 102 floating homes, and over 50 other floating structures, TransCanada natural gas transmission pipelines running north/south through the center of the TFPD. These are three-foot diameter pipelines that carry over 2.4 billion cubic feet per day of natural gas from Canada to the U.S. This also includes Compressor Station 5, and North Idaho Propane.

Coverage for the District area is provided from six fire stations and one boat slip. The main station, located on State Highway 54 in Athol, is staffed with two firefighter/emergency medical technicians (FF/EMT's), on three different platoons ('shifts') who work on a 48/96 schedule. The two FF/EMT's cross staff an engine and an ambulance, or other apparatus as calls dictate. The District has approximately 32 volunteers that respond on all types of calls, as well as two Residents residing at one of our stations. The Timberlake Fire Protection District is also staffed by a full-time Fire Chief, Division Chief of Training, and a Fire Marshal. These personnel work out of six total stations. All of the district equipment and apparatus is listed later in this document.

The District is governed by five Commissioners forming the Timberlake Fire Protection District Board of Commissioners, each serving from their respective sub-district.

The Timberlake Fire Protection District is bounded on the north by Selkirk Fire District, to the south by Northern Lakes Fire Protection District, to the east by U.S. Forest Service lands and on the west by the Spirit Lake Fire Protection District. The district serves the community of Athol and unincorporated County areas in the northern sector of Kootenai County to include the communities of Bayview and Chilco. The Board assumes responsibility for the adoption of this plan; The Chief of Timberlake Fire Protection District will oversee its implementation.

## **SERVICE AREA AND TRENDS**

The District serves a population of approximately 12,000 residents, with summer populations increasing well above that number based on visitors to primarily Silverwood Theme Park and Farragut State Park.

Over the last five years several projects and changes have impacted the District's service area: A significant uptick in both new home construction within at least 6 major subdivisions, and business construction along the US 95 and Hwy 54 corridors, as well as a major ID DOT rebuild project of Hwy 54 between Spirit Lake and Bayview. These trends are highly likely to continue.

Potential issues arising from past and future projects and changes include: Lack of emergency responders, and aging facilities and equipment that require more expensive maintenance and replacements, as well as a population that is increasing in age.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 44-2
ASSET	PROPERTY	VALUE
5.15 acres of land		\$3,750,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
2025 CHEVY TAHOE		\$75,000
2024 CHEVY TAHOE		\$65,000
2021 RAM 5500		\$110,000
2018 RAM 3500		\$60,000
2017 CHEVY TAHOE		\$50,000
2016 CHEVY TAHOE		\$50,000
2015 PIERCE SABER ENGINE		\$525,000
2015 INTERNATIONAL TENDER/ENGINE		\$450,000
2008 FORD F550 BRUSH (DIESEL)		\$70,000
2008 FORD F550 BRUSH (GAS)		\$70,000
2008 DODGE DURANGO		\$20,000
2004 INTERNATIONAL TENDER (4WD)		\$110,000
2002 PIERCE LANCE TENDER/ENGINE		\$140,000
1996 HME/SMEAL ENGINE		\$230,000
1994 E-ONE ENGINE		\$230,000
1989 FORD TENDER		\$130,000
1989 INTERNATIONAL ENGINE (4WD)		\$325,000
		<b>TOTAL: \$2,480,000</b>
<b>CRITICAL FACILITIES</b>		
Station 1, 5985 E. Highway 54, Athol		\$1,395,000
Station 2, 34301 N. Lyvel Ave, Bayview		\$378,000
Station 3, 28854 N. Clagstone Rd., Athol		\$517,000
Station 4, 12987 E. Perimeter Rd., Athol		\$367,000
Station 5, 6111 E. Bunco Rd, Athol		\$124,000
Station 6, 188 Sun Valley Rd., Careywood		\$468,000
Station 1, 5985 E. Highway 54, Athol		<b>TOTAL: \$3,303,000</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Community Wildfire Protection Plan: Timberlake Fire is exploring the possibility of coordinating with the Fire Wise and Ready Set Go program.
- Other special plans: Timberlake Fire is currently creating a comprehensive Disaster Preparedness Plan (i.e. shelter and supplies)
- Fire department ISO rating: 4/8

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 44-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	YES	4/8	2010
StormReady	N/A	N/A	N/A
FireSmart	YES	N/A	06/2024

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 44-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Windstorm	-	06/2014	-
Flooding	-	01/2014	-
Bee outbreak	-	06-09/2014	-
Severe thunder/lightning	-	Multiple	-
Windstorm	-	2019	-

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Tornadoes and High Wind:** The District is currently concerned about access to very small rural areas with only one entrance and exit. There have been several occasions where power companies have been unable to clear power lines in the egress points for residences.

**Landslide:** The Capehorn area has only one entrance and exit. There has been a previous landslide and wildfire in the area which can make the ground unstable.

**Active Shooter:** The Silverwood Theme Park has the potential to contain a large group of people in a confined area, increasing their vulnerability to an active shooter incident.

## COMMUNITY CHALLENGES

- Silverwood Theme Park
- Mass Casualty Incidents

**HAZARD RISK RANKING**

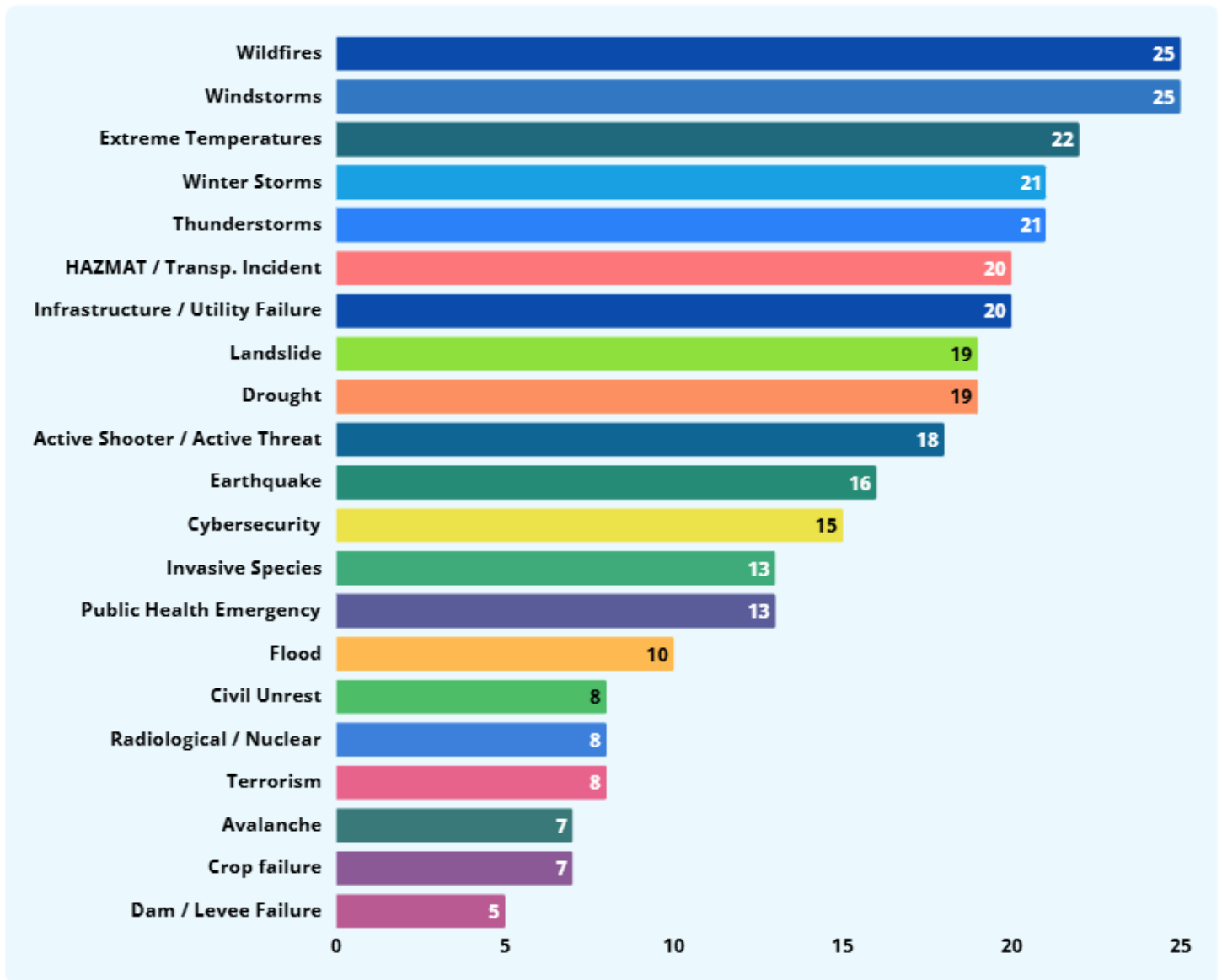


Figure 44-2 Hazard Risk Ranking Chart for Timberlake Fire Protection District

## MITIGATION ACTION PLAN

Table 44-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 44-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
TLF-1		X		
TLF-2		X		
TLF-3		X		
TLF-4		X		
TLF-5		X		
TLF-6		X		
TLF-7		X		
TLF-8		X		
TLF-9		X		
TLF-10		X		
TLF-11		X		
TLF-12		X		
TLF-13		X		
TLF-14		X		
TLF-15		X		
TLF-16		X		

Table 44-6 lists the initiatives that make up the Timberlake Fire Protection District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 44-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 44-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
TLF - 1	<i>Conduct public education and outreach regarding fire and boat safety measures to the public and marine owner/operators in Bayview.</i>						
	Wildfire	1, 3, 5	TLFD	LOW	LOCAL, GRANTS	SHORT TERM	
TLF - 2	<i>Provide public education about wildfires, participate in FireSmart programs including defensible space of homes, and modify burn permit rules to prevent human caused fires from getting out of control.</i>						
	Wildfire	1, 3, 5	TLFD	LOW	LOCAL, GRANTS	SHORT TERM	
TLF - 3	<i>Acquire multi band (dual band) portable radios to allow communication and joint operations between neighboring counties and fire districts.</i>						
	All Hazards	1, 3, 4, 5, 6	TLFD	HIGH	LOCAL, GRANTS	UNKNOWN	

TLF – 4	<i>Partner with the railroads to provide public education and training of responders to enhance their ability to communicate with firefighters during an incident.</i>					
	HAZMAT	1, 3, 5, 6	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 5	<i>Provide hazardous materials training and additional hazardous materials first responder equipment for firefighters.</i>					
	HAZMAT	1, 3, 5	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 6	<i>Educate the public on safe handling of fuels and other hazardous materials near and on the water.</i>					
	HAZMAT	1, 3, 5	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 7	<i>Acquire and stage spill response equipment in the community of Bayview.</i>					
	HAZMAT	1, 3, 5, 6	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 8	<i>Partner with Silverwood Theme Park staff to improve their emergency plan and ensure the plan is exercised annually. Provide annual fire code inspections at Silverwood.</i>					
	All Hazards	1, 3, 4, 5, 6	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 9	<i>Partner with area lumber mills to improve their emergency plans and ensure the plans are exercised annually. Provide annual fire code inspections at the lumber mills.</i>					
	All Hazards	1, 3, 5, 6, 9	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 10	<i>Provide Wildland Urban Interface education.</i>					
	Wildfire	1, 3, 5	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF - 11	<i>Provide community outreach education and disaster preparedness.</i>					
	All Hazards	1, 3, 5	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 12	<i>Provide training for hazardous materials hauling awareness and safety to the public.</i>					
	HAZMAT	1, 3, 5	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 13	<i>Work with Silverwood and Kootenai County to create a plan for an active-shooter scenario.</i>					
	Active Shooter / Threat	1, 3, 5, 6	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 14	<i>Create an evacuation plan with residents in Bayview who reside on Cape Horn, using other means of egress (i.e. by boat).</i>					
	Landslide, Wildfire	1, 3, 4, 5, 6	TLFD	LOW	LOCAL, GRANTS	SHORT TERM
TLF – 15	<i>Have supplies available for the community in the event of a flood.</i>					
	Flood	1, 3, 5, 6	TLFD	MEDIUM	LOCAL, GRANTS	SHORT TERM
TLF – 16	<i>Acquire, equip, train with a 4x4 side by side rescue/suppression unit.</i>					
	Wildfire	1, 3, 5, 6	TLFD	MEDIUM	LOCAL, GRANTS	SHORT TERM

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 44-7

<b>ACTION #</b>	<b>PRIORITY</b>	<b># OF OBJECTIVES MET</b>	<b>COST</b>	<b>BENEFIT</b>	<b>BENEFITS EQUAL OR EXCEED COSTS?</b>
TLF-1	High	3	Low	Medium	Exceeds
TLF-2	High	3	Low	Medium	Exceeds
TLF-3	High	5	High	High	Equals
TLF-4	Medium	4	Low	High	Exceeds
TLF-5	Low	3	Low	Medium	Exceeds
TLF-6	Medium	3	Low	Medium	Exceeds
TLF-7	Low	4	Low	Medium	Exceeds
TLF-8	High	5	Low	Medium	Exceeds
TLF-9	High	5	Low	Medium	Exceeds
TLF-10	High	3	Low	Medium	Exceeds
TLF-11	Medium	3	Low	Medium	Exceeds
TLF-12	Medium	3	Low	Medium	Exceeds
TLF-13	High	4	Low	High	Exceeds
TLF-14	Medium	5	Low	Medium	Exceeds
TLF-15	Medium	4	Medium	High	Exceeds
TLF-16	Medium	4	Medium	High	Exceeds

See the introduction to this Volume for explanation of priorities.

## CHAPTER 45

# WORLEY FIRE PROTECTION DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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#### ALTERNATE

**Matt Conner, Captain**  
 31541 S. Highway 95  
 Worley, ID 83876  
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 mconner@worleyfire.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Worley Fire Protection District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

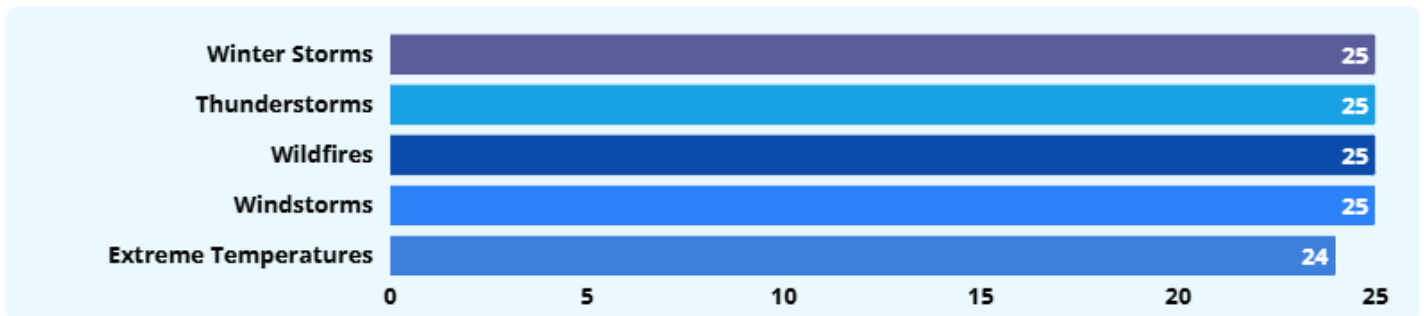


Figure 45-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 45-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
3,600 year around	121 sq. miles	\$2,438,726,038

### OVERVIEW

The Worley Fire Protection District provides firefighting and emergency medical services, hazardous materials incident response, water rescue, and emergency response services to an area encompassing 121 square miles and approximately 3,600 residents in Kootenai County.

The Worley Fire Protection District is bounded on the north by Mica Kidd Island Fire District, to the south by Plummer/Gateway Fire District, to the east by East Side Fire District and on the west by the Spokane County Fire District No. 11. The district serves the communities of City of Worley, Coeur d’Alene Tribal Trust properties, and unincorporated County area within its boundaries.

The Worley Fire Protection District is staffed by nine (9) full-time firefighter/EMT's working a 48/96 shift rotation, which provides (3) three firefighter/EMT's on shift 27/7, 15 Volunteer Emergency Responders, and (1) one Chief Officer currently operating out of (5) five fire stations. The Fire District is governed by a (3) three-member Board of Fire Commissioners that will assume responsibility for the adoption of this plan. The Chief/Deputy Chief will oversee its implementation.

## SERVICE AREA AND TRENDS

The Coeur d'Alene Tribe has completed a major expansion at the Coeur d'Alene Casino complex, significantly affecting the District's service area. Combined with several large subdivisions, including three 18-hole golf courses and three full-service marinas, the impact is substantial. Upcoming projects include the CDA National Reserve Development (adding about 400 single- and multi-family residences), the Coeur d'Alene Tribal Youth Center in Worley, and continued private lot and recreation build-out. CDA National Reserve and Black Rock Golf Club also recently completed new clubhouses totaling around \$50 million.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 45-2
ASSET		VALUE
<b>PROPERTY</b>		
(5) Five acres of land 31541 S. Hwy 95		\$129,579
(2) Two Lots 29803 S. 3rd.		\$18,260
(3) 1.5 acres of land 3843 W. Rockford Bay Rd.		\$39,060
(1) One acre of land NKA W. Rolling Hills Rd.		\$70,000
		<b>TOTAL: \$256,899</b>
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
(4) Four Engines and contents		\$2,000,000
(1) One Ladder Truck and contents		\$700,000
(3) 3 Water Tenders and contents		\$1,250,000
(4) Four Brush Trucks and contents		\$750,000
(1) One Fire/Rescue Boat and contents		\$250,000
		<b>TOTAL: \$4,950,000</b>
<b>CRITICAL FACILITIES</b>		
FS #1 31541 S. Hwy 95		\$3,609,000
FS #2 29803 S. 3rd St. Worley		\$570,000
FS #3 29390 Helen Park Drive Worley		\$140,000
FS #4 22401 S. Monticola Ct. Worley		\$329,000
FS #5 3843 W. Rockford Bay Rd.		\$442,000
		<b>TOTAL: \$5,090,000</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- County's Local Emergency Operations Plan
- Community Wildfire Protection Plan
- Fire Department ISO Ratings

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 45-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	N/A	N/A	N/A
Building Code Effectiveness Grading Schedule	N/A	N/A	N/A
Public Protection	Yes	5, 8, 9	6/30/2021
StormReady	N/A	N/A	N/A
FireSmart	N/A	N/A	N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 45-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Volcanic Ash	-	5/18/1980	-
Winter Weather	-	2008/2009	-

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Landslide:** A mud or landslide could block roadways into communities like Rock Ford Bay, Loffs Bay, Windy/Sun-up Bays, Cave Bay, and Conkling Park.

**Wildfire:** There are several communities within the wildland urban interface that could have access issues during a wildfire event. Wildfires could also potentially be exacerbated by dead or dying trees in the jurisdiction related to tree damage from invasive species.

**Hazardous Materials:** Since Highway 95 runs through the district, there is an increased risk within the district for transportation-related hazardous materials incidents.

**Active Shooter:** The Coeur D'Alene Casino could be at risk for an active shooter incident

**Winter Weather:** Winter weather storms and cold temperatures could be a concern across the entire district. There are areas that could be affected by heavy snow and only one way in, one way out if roads are not cleared.

**Wind Events:** The district has seen impact from wind events in the past, particularly affecting the limited access communities and electrical infrastructure. Communities with one way in, one way out access are directly affected by downed trees or power lines blocking the roadway.

## COMMUNITY CHALLENGES

- Adequate Staffing for Services
- Lack of Funding for Capital Improvements
- City of Worley Water Systems
- Ingress / Egress, Access, and Evacuations
- Communications and Outreach

**HAZARD RISK RANKING**

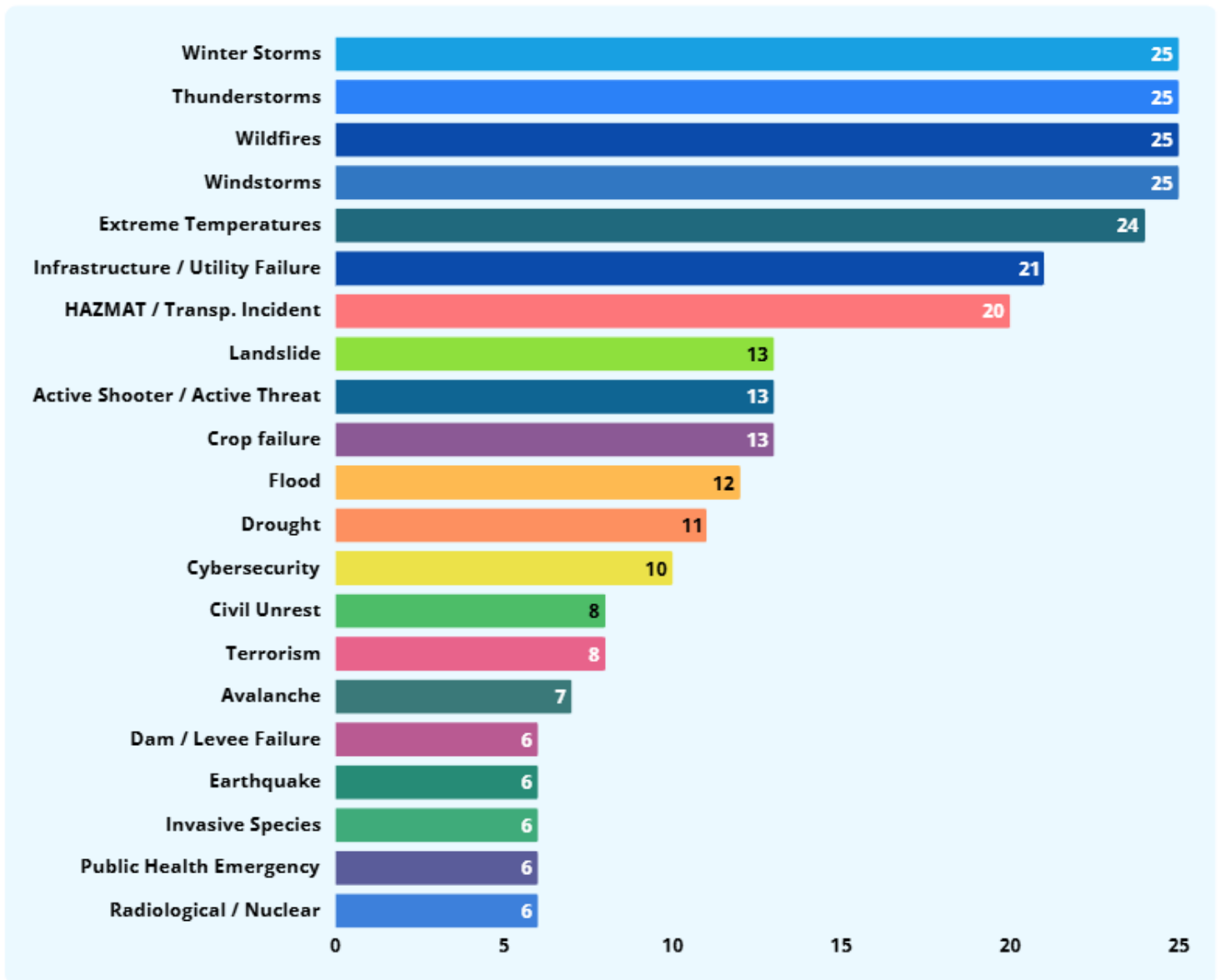


Figure 45-2 Hazard Risk Ranking Chart for Worley Fire Protection District

## MITIGATION ACTION PLAN

Table 45-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 45-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
WFPD-1		X		Working with high priority areas to improve and clear access routes in and out of communities
WFPD-2		X		Working to educate property owners on options to assist thinning their threat
WFPD-3		X		Working to plan and carry out training exercises and create plans
WFPD-4		X		Ongoing education and training for prevention
WFPD-5		X		We need two generators for our outlying stations. We are looking for grant funding and donations for both generators

Table 45-6 lists the initiatives that make up the Worley Fire Protection District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 45-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 45-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
WFPD - 1	<i>Engage property owners to improve access routes within the Wildland Urban Interface.</i>						
	Wildfire	1, 3, 4, 5, 6	WFPD	LOW	LOCAL	SHORT TERM	
WFPD - 2	<i>Revised 2026: Encourage, educate, and support fuel reduction by property owners and HOAs.</i>						
	Wildfire	1, 3, 5, 6	WFPD	MEDIUM	LOCAL, GRANTS	ONGOING	
WFPD - 3	<i>Partner with the Coeur d'Alene Tribe and Coeur d'Alene Casino in planning and training to respond to incidents of Civil Unrest, Terrorism, Earthquake, etc.</i>						
	All Hazards	1, 3, 4, 5, 6	WFPD	LOW	LOCAL	SHORT TERM	
WFPD - 4	<i>Partner with marina owners (Conklin Bay Marina, Sub Up Bay Marina and Black Rock Marina) to heighten prevention and improve response to hazardous material incidents on Lake Coeur d'Alene.</i>						
	HAZMAT	1, 2, 4, 5, 6	WFPD	LOW	LOCAL	SHORT TERM	
WFPD - 5	<i>Install generator systems at outlying fire stations.</i>						
	All Hazards	3, 5, 6	WFPD	HIGH	LOCAL, GRANTS	SHORT TERM	
WFPD - 6*	<i>*NEW* Building a new centralized station to cover the southern area of our fire district. This will improve response times and staffing.</i>						
	All Hazard	3, 4, 5, 6	WFPD	\$600,000	LOCAL, GRANTS, DONATIONS	SHORT TERM	
WFPD - 7*	<i>*NEW* Upgrading radios and technology to improve our communication with other Kootenai County and surrounding mutual aid agencies.</i>						
	All Hazards	1, 3, 5, 6	WFPD	\$180,000	LOCAL, GRANTS	MEDIUM TERM	
WFPD - 8*	<i>*NEW* Train and staff a wildfire investigation position to determine wildfire cause and initiate prevention strategies.</i>						
	Wildfires	3, 5, 6, 9	WFPD	\$10,000	LOCAL	SHORT TERM	
WFPD - 9*	<i>*NEW* Increased presence on Lake Coeur d'Alene and replacing aging fire boat with an improved all hazard capable rescue boat.</i>						
	All Hazards	3, 5, 6	WFPD	\$500,000	LOCAL, GRANTS, DONATIONS	LONG TERM	

MITIGATION STRATEGY PRIORITY SCHEDULE				TABLE 45-7	
ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
WFPD-1	Medium	5	Low	Medium	Exceeds
WFPD-2	High	4	Medium	Medium	Equals
WFPD-3	High	5	Low	High	Exceeds
WFPD-4	Low	5	Low	Low	Equals
WFPD-5	High	3	High	High	Equals
WFPD-6*	High	4	High	High	Equals
WFPD-7*	High	4	High	High	Equals
WFPD-8*	Medium	4	Low	Medium	Exceeds
WFPD-9*	Medium	3	High	High	Equals

See the introduction to this Volume for explanation of priorities.

## SPECIAL PURPOSE DISTRICTS: SCHOOL DISTRICTS



## CHAPTER 46

# COEUR D’ALENE SCHOOL DISTRICT (SD 271) ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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 sdeniston@cdaschools.org

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Coeur d’Alene School District No. 271. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

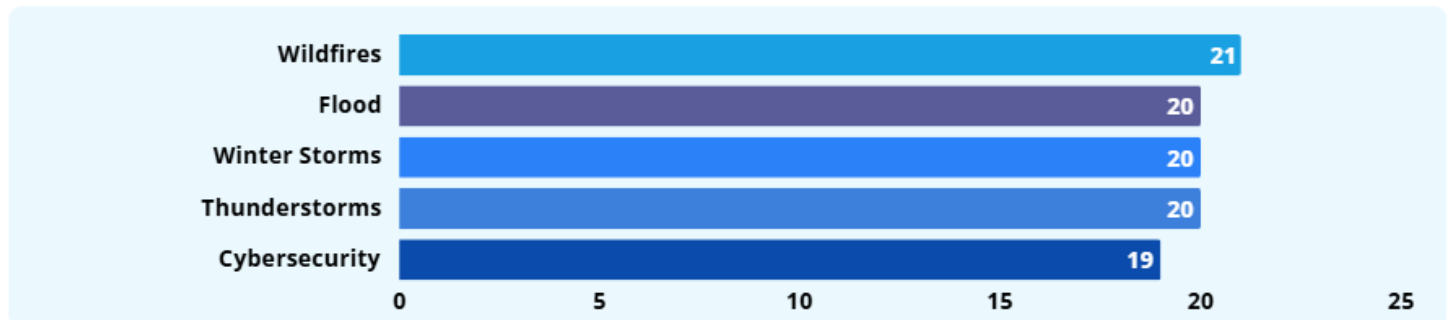


Figure 46-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 46-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
78,000	520 sq. miles	\$27,000,000,000

### OVERVIEW

The Coeur d’Alene School District No. 271 serves 9,600 students in the Cities of Coeur d’Alene, Hayden, Dalton Gardens, and Hayden Lake, and a portion of rural Kootenai County. District facilities include 10 elementary schools and a preschool for children with special needs, three middle schools, two high schools, and an alternative high school. All schools are accredited.

The district operates on a total budget of nearly \$100 million, approximately \$81 million of which is general fund. The Coeur d’Alene School District 271 is the second largest employer in the five northernmost counties of Idaho with a staff of over

1000 full time equivalent staff members. It ranks sixth in enrollment size among Idaho’s 114 public school districts. The district is governed by a five-member Board of Trustees whose members are elected by the public and serve without pay. The Board of Trustees assumes responsibility for the adoption of this plan; the superintendent will oversee its implementation.

The district has an impressive list of achievements and has been home to ten of Idaho’s Teachers of the Year. The District provides schools of choice to include Ramsey Elementary School of Science and Sorensen Magnet School of Arts.

The Coeur d’Alene School District implemented a School Emergency Response Plan program in 1997 and has since aligned the plan with the National Incident Management System. In 2005, the District was awarded a federal Emergency Response and Crisis Management grant to purchase Rapid Responder software, map all buildings and train first responders and staff in use of the program. In 2013, the taxpayers of Kootenai County supported a \$1.4 million security bond levy for the Coeur d’Alene School District. This levy enhanced all District sites with fencing, remodels to support a single-entry approach, proxy card entry system, buzz in visitor system, and video surveillance cameras. Additional safety and security entrance remodels were undertaken at Atlas, Dalton, Fernan, Hayden Meadows, Skyway and Ramsey elementary schools in 2023 and 2024. Video surveillance cameras and fencing were also updated in 2024.

**SERVICE AREA AND TRENDS**

In the past five years, the Coeur d’Alene School District has experienced enrollment decline from 11,000 to 9,600 students. The Coeur d’Alene School District anticipates that the current economic climate will begin to stagnate with continued slight decreases in student enrollment over the next five years. Based on planned development, any anticipated growth will be focused in the northwest section of the District. See City of Coeur d’Alene, Hayden and Dalton Gardens development trends for additional development trend information in this district

**ASSETS**

The following table summarizes the critical assets of the District and their value:

<b>DISTRICT ASSETS</b>		<b>TABLE 46-2</b>
<b>ASSET</b>		<b>VALUE</b>
<b>PROPERTY</b>		
60 acres of land		\$7,000,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Light Trucks		\$800,000
Other Vehicles		\$230,000
School Buses		\$6,300,000
Facility Contents		\$22,000,000
		<b>TOTAL: \$36,330,000</b>

<b>DISTRICT ASSETS</b>		<b>TABLE 46-3</b>
<b>ADDRESS</b>	<b>OCCUPANCY DESCRIPTION</b>	<b>BUILDING VALUE</b>
311 North 9th Street	Sorensen Magnet School	\$11,506,500
930 N 15th	Lakes Middle School	\$29,559,900
632 Borah Avenue	Early Learning Center	\$15,292,200
802 Harrison Avenue	Bryan Elementary School	\$14,180,100
6335 North Mt. Carroll	Dalton Elementary	\$13,409,700

	40' Storage Container	\$5,532
	40' Storage Container	\$5,532
West 1351 Kathleen Avenue	Ramsey Magnet School	\$18,507,000
	Modular Classroom 8A&B	\$280,000
520 North 21st Street	Fernan STEM Academy	\$14,981,700
East 1800 Dalton Avenue	Canfield Middle School	\$30,282,600
	Concession Stand	\$37,500
	Ballfield Storage Bldg	\$25,000
	Announcers Booth	\$25,000
	Small Storage	\$12,500
North 5530 4th Street	Coeur d'Alene High School	\$69,655,800
	Concession Stand	\$462,500
	Press Box	\$373,000
	Ticket Booths	\$75,000
	Announcers Booth (2)	\$75,000
	Baseball Field House	\$750,000
	Baseball Hitting Facility	\$350,000
6101 Ramsey Rd	Lake City High School	\$64,841,400
	Three Ticket Booths	\$75,000
	North Storage Concession	\$448,000
	Press Box	\$373,000
	Baseball Facility	\$750,000
	South Storage	\$448,000
	North Restrooms/DECA Storage	\$448,000
	South Restrooms	\$86,400
	Modular Classroom #26 A&B	\$280,000
725 East Hazel	Venture Academy	\$12,323,700
102 Poplar	Transportation Building	\$1,676,000
	Storage Building	\$-
	Wash House	\$10,000
900 Hayden Avenue	Hayden Meadows Elementary	\$14,085,300
	Modular Classroom #4A&B	\$280,000
	Greenhouse	\$96,000
	Modular Classroom 28A&B	\$280,000
2101 Ste Michelle	Woodland Middle School	\$30,024,600
	Modular Classroom 13A&B	\$280,000
	Modular Classroom 19A&B	\$280,000
	Modular Classroom #27A&B	\$280,000
6621 Courcelles Parkway	Skyway Elementary School	\$15,834,000
	Modular Classroom 20A&B	\$140,000
	Modular Classroom #24A&B	\$280,000
	Modular Classroom #25A&B	\$280,000
1286 E. Best Avenue	Tech Depot	\$1,115,500
1242 E. Best Avenue	Food Service	\$1,598,000

	Storage Facility	\$619,200
1508 N. 4th Street	Maintenance Department Bldg	\$3,642,750
	Wood Shop	\$1,109,500
	Storage Facility	\$810,400
1505 N 4th Street	Midtown Meeting Hall	\$584,500
3000 W. Honeysuckle	Atlas Elementary School	\$16,017,900
	Modular Classroom #23A&B	\$280,000
	Modular Classroom #5A&B	\$280,000
	Modular Classroom #2A&B	\$280,000
210 E. Dalton	Juvenile Detention Center	\$-
1400 Northwood Center Ct	Administration Office	\$5,025,000
920 Lacrosse Avenue	Winton Elementary	\$15,865,800
2008 W. Prairie Ave	NW Expedition Academy	\$16,006,500
<b>Total</b>		<b>\$426,986,514</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Coeur d'Alene School District SD #271 Strategic Plan
- Coeur d'Alene School District SD #271 Emergency Operations Plan/ SOP
- State of Idaho Hazard Mitigation Plan
- Idaho Department of Building Safety
- Kootenai County Hazard Mitigation Plan

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS			TABLE 46-4
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
<b>Severe Weather – Snow</b>	Snow loads on rooftops	2008/2009	\$39,560
<b>Severe Weather – Wind</b>	Fernan Elementary – Tree Loss, Power Outage	1/13/2021	\$150,000
<b>Severe Weather – Cold</b>	Fernan Elementary, Lake City High School, Coeur d'Alene High School	1/13/2024	\$260,000

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Severe Winter Storm:** The school property, building roofs, and bus transportation routes within the jurisdiction often have snow loads needing removal.

**Flooding:** Certain bus routes could be affected during a significant flooding event.

**Tornado and High Winds:** High winds can cause damage to facilities, either directly or by causing trees to fall and damage school property.

**Wildfire:** Fernan Elementary has many trees and is in close proximity to wildland areas, which increases wildfire risk.

**Epidemic/Pandemic:** In order to keep schools open, it is necessary to make efforts to stop the spread of a pandemic from person to person, which include continually cleaning facilities.

**Cyberattack:** Student and employee data may be the target of a cyberattack, including ransomware threats.

**Active Shooter:** Local schools have often been the targets of active shooter incidents, requiring the jurisdiction to be aware of this threat going forward.

**Utility Failure:** Most local schools need to ensure they have emergency generators for the network, kitchen, and HVAC systems.

## COMMUNITY CHALLENGES

- Maintaining education during an evacuation disaster

**HAZARD RISK RANKING**

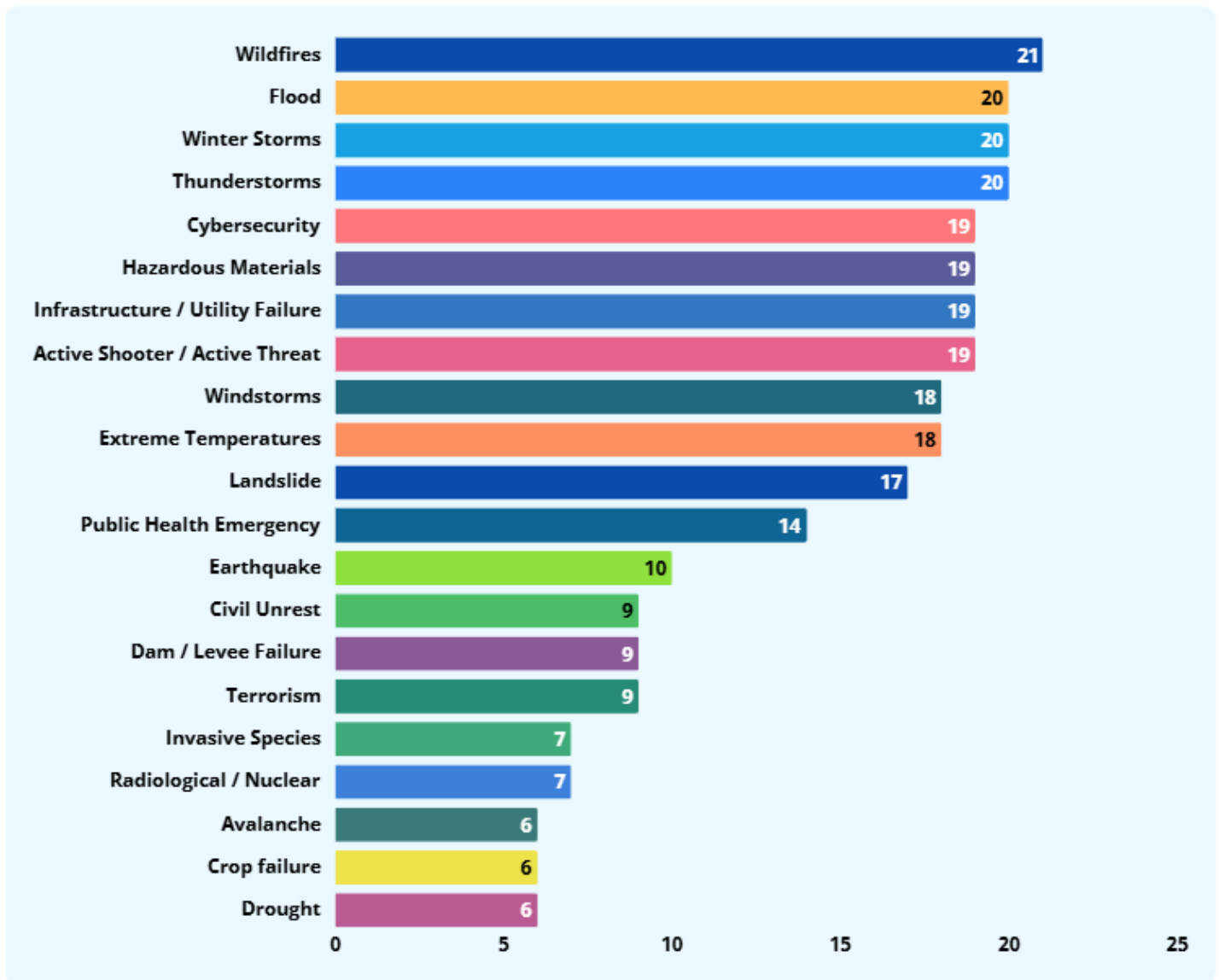


Figure 46-2 Hazard Risk Ranking Chart for Coeur d'Alene School District No.271

## MITIGATION ACTION PLAN

Table 46-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 46-5
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
CDASD-1		X		Adjust to 3 lock-down drills per campus per year
CDASD-2		X		Ongoing
CDASD-3		X		July 1 <sup>st</sup> , 2027
CDASD-4			X	Training was not available
CDASD-5		X		Ongoing
CDASD-6		X		Change from secondary to all schools, July 1 <sup>st</sup> , 2026
CDASD-7	X			July 2 <sup>nd</sup> , 2025
CDASD-8		X		Ongoing

Table 46-6 lists the initiatives that make up the Coeur d’Alene School District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 46-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 46-6
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
<b>CDASD - 1</b>	<i>*Updated* Conduct no less than three lock-down drill and Shelter-In-Place drill annually. Develop exercises annually with regional first responders.</i>						
	<b>All Hazards</b>	<b>3, 5</b>	<b>CDASD</b>	<b>MEDIUM</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>CDASD - 2</b>	<i>Continue to train new staff on ATC-20 Training for school maintenance staff.</i>						
	<b>All Hazards</b>	<b>1, 3, 5</b>	<b>CDASD</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>CDASD - 3</b>	<i>Update school mapping as building design changes are made. Looking to advanced software to augment or replace existing software.</i>						
	<b>All Hazards</b>	<b>3</b>	<b>CDASD</b>	<b>MEDIUM</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>CDASD-4*</b>	<i>*NEW* Conduct full scale drills with staff at proposed reunification site.</i>						
	<b>All Hazards</b>	<b>1, 2, 3, 5</b>	<b>CDASD</b>	<b>LOW</b>	<b>UNKNOWN</b>	<b>SHORT TERM</b>	
<b>CDASD - 5</b>	<i>Train all principals in ICS-100.</i>						
	<b>All Hazards</b>	<b>5</b>	<b>CDASD</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>	
<b>CDASD - 6</b>	<i>*Updated* Purchase and install back-up power generators at all schools for HVAC, network, and food services.</i>						
	<b>All Hazards</b>	<b>3, 5, 6</b>	<b>CDASD</b>	<b>MEDIUM</b>	<b>LOCAL</b>	<b>SHORT TERM</b>	
<b>CDASD - 7</b>	<i>Implement and maintain a strong and resilient cybersecurity posture. Strengthen the network and prepare against cyber-based attacks (including malware).</i>						
	<b>Cybersecurity</b>	<b>3, 6, 9</b>	<b>CDASD</b>	<b>UNKNOWN</b>	<b>LOCAL</b>	<b>SHORT TERM</b>	

## HAZARD MITIGATION PLAN MATRIX

TABLE 46-6

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
CDASD – 8	<i>Continue to monitor and update school chemistry labs and MSDS.</i>					
	HAZMAT	3	CDASD	LOW	LOCAL	SHORT TERM
CDASD-9*	<i>*NEW* Develop response plan and MOU with Red Cross to assist with continuing education during a disaster where schools are being used for shelters.</i>					
	All Hazards	1, 2, 3, 5	CDASD	LOW	UNKNOWN	MEDIUM TERM
CDASD-10*	<i>*NEW* Develop MOU with neighboring school districts to assist with getting sufficient resources for mass casualty incidents and reunification.</i>					
	All Hazards	1, 2, 3, 5	CDASD	\$250,000	UNKNOWN	MEDIUM TERM
CDASD-11*	<i>*NEW* Develop our existing student threat assessment team into a national / state reconciled program.</i>					
	Active Threat / Terrorism	1, 4, 5,	CDASD	\$50,000	UNKNOWN	MEDIUM TERM
CDASD-12*	<i>*NEW* Train School Safety Team and staff on “Stop the Bleed”</i>					
	Active Threat / Terrorism	3	CDASD	\$60,000	UNKNOWN	MEDIUM TERM

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 46-7

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
CDASD-1	High	3	Medium	High	Exceeds
CDASD-2	Medium	3	Low	Medium	Exceeds
CDASD-3	High	1	Medium	High	Exceeds
CDASD-4*	High	4	Low	High	Exceeds
CDASD-5	High	1	Low	High	Exceeds
CDASD-6	Medium	3	Medium	High	Exceeds
CDASD-7	High	3	Unknown	High	-
CDASD-8	Low	1	Low	Medium	Exceeds
CDASD-9*	Medium	4	Low	Medium	Exceeds
CDASD-10*	Medium	4	High	High	Equals
CDASD-11*	High	3	Medium	Medium	Equals
CDASD-12*	High	1	Medium	High	Exceeds

See the introduction to this Volume for explanation of priorities.

## CHAPTER 47

# KOOTENAI JOINT SCHOOL DISTRICT (SD 274) ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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#### ALTERNATE

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Kootenai Joint School District No. 274. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

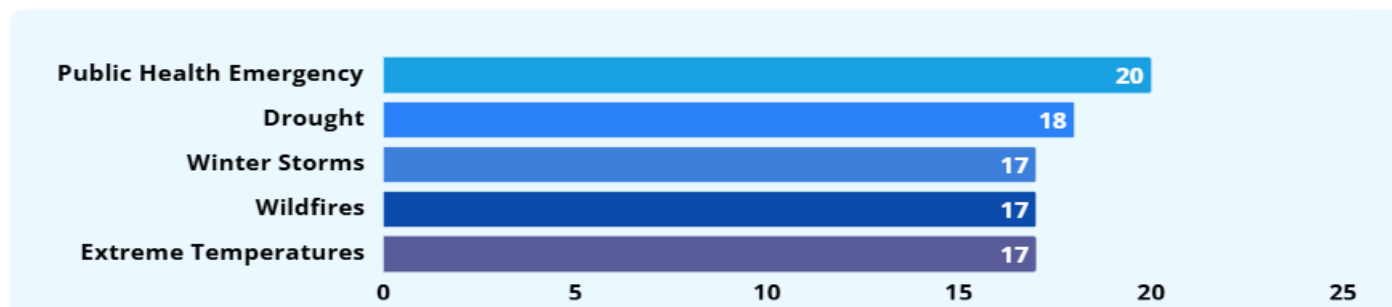


Figure 47-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 47-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
210 Students	208.83 sq. miles	\$1,612,882,857

### OVERVIEW

Kootenai Joint School District No. 274 serves 210 students in the City of Harrison, the community of Medimont, and the eastern portion of rural Kootenai County. District facilities include one elementary school, one middle school, and a high school. All schools are accredited.

The district operates on a total budget of nearly \$4,027,303, approximately \$3,099,000 of which is general fund. The Kootenai Joint School District 274 employs a certified staff of 18 and a classified staff of 28 with 2 administrators. The district

is governed by a five-member Board of Trustees whose members are elected by the public and serve without pay. The Board of Trustees assumes responsibility for the adoption of this plan; the superintendent will oversee its implementation.

## SERVICE AREA AND TRENDS

The Kootenai Joint School District has not experienced significant growth in enrollment over the past five years. With limited development planned in the area and slowdown in construction in the current economic climate, the District does not anticipate the need for new school construction in the next five years. See City of Harrison and Chain Lakes Eastern Kootenai County Planning Area for additional development trend information in this district.

The following table summarizes the critical assets of the District and their value:

<b>DISTRICT ASSETS</b>		<b>TABLE 47-2</b>
<b>ASSET</b>		<b>VALUE</b>
<b>PROPERTY</b>		
73.74 acres of land		\$750,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Jr. High Boiler Room		\$30,000
HS Fire Sprinkler Engine & Pump		\$12,000
School Buses		\$492,000
Internet Access Equipment, Computers, Monitors		\$180,000
Kitchen Equipment		\$80,000
Tractor		\$30,000
Skidsteer		\$40,000
White Bus		\$40,000
Dodge Pickup Truck		\$25,000
		<b>TOTAL: \$929,000</b>
<b>CRITICAL FACILITIES</b>		
Elementary		\$6,460,960
Jr. High		\$10,299,649
Sr. High		\$8,859,360
Bus Shop		\$165,000
Storage Bldg.		150,000
Waste-water treatment lagoon		\$2,000,000
		<b>TOTAL: \$27,934,969</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- N/A

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS			TABLE 47-3
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Flooding	-	05/18/2011	10,192.94
Flooding	-	05/19/2009	48,322.88
Severe Weather	-	02/03/2008	4,000.00
Ash Fallout	22-IDAHO-80_DE-0008	05/18/1981	12,760.00

## COMMUNITY CHALLENGES

- Water System
- Fire / EMS/ Police
- Funding
- Lack of backup power
- Rural Community

## HAZARD RISK RANKING

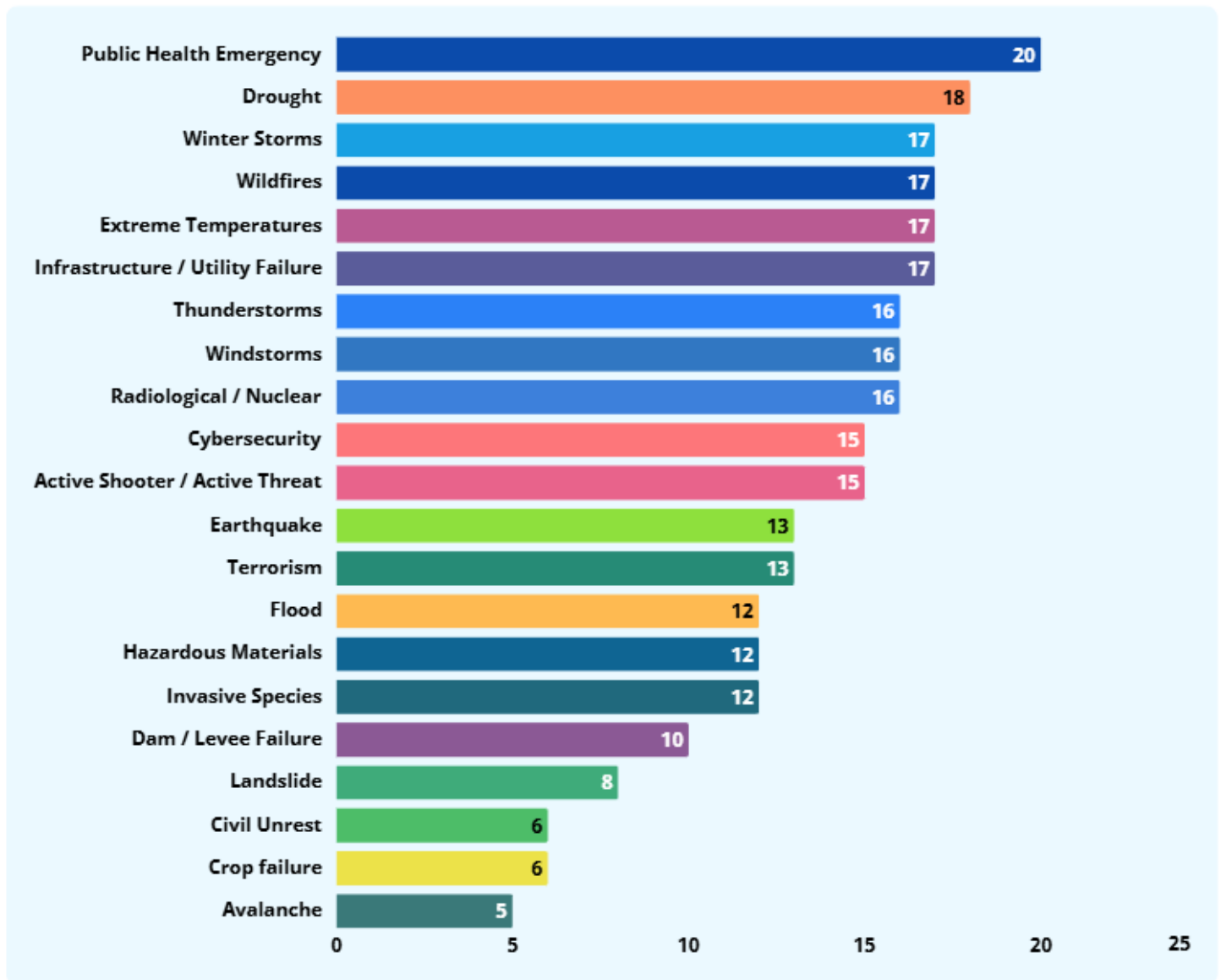


Figure 47-2 Hazard Risk Ranking Chart for Kootenai Joint School District No. 274

## MITIGATION ACTION PLAN

Table 47-4 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 47-4
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
KSD-1		X		SRO present
KSD-2		X		Every month
KSD-3		X		Four inspections per year
KSD-4		X		SRO on site

Table 47-5 lists the initiatives that make up the Kootenai School District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 47-6 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 47-5
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
KSD - 1	<i>Conduct no less than one lock-down drill and shelter-in place drill annually</i>						
	All Hazards	3, 5	KSD	MEDIUM	LOCAL	ONGOING	
KSD - 2	<i>Conduct Monthly Fire Drills</i>						
	Wildfire	3, 5	KSD	LOW	LOCAL	ONGOING	
KSD - 3	<i>Conduct an annual inventory of hazardous materials within each school.</i>						
	All Hazards	3	KSD	LOW	LOCAL	ONGOING	
KSD - 4	<i>Develop an all hazard training and exercise program in conjunction with first responders.</i>						
	All Hazards	1, 2, 3, 5	KSD	HIGH	LOCAL	ONGOING	
KSD - 5*	<i>*NEW* Obtain a generator for backup power.</i>						
	All Hazards	3, 5, 6	KSD	\$50,000	LOCAL, HMGP, GRANTS	SHORT TERM	
KSD - 6*	<i>*NEW* Update outdated fire alarm system and contract security.</i>						
	Wildfire	3, 5	KSD	\$200,000	LOCAL, GRANTS	LONG TERM	
KSD - 7*	<i>*NEW* Maintain vegetation and create fire breaks, coordinate with local fire districts.</i>						
	Wildfire	1, 2, 3, 5	KSD	\$100,000	LOCAL, HMGP, GRANTS	SHORT TERM	
KSD - 8*	<i>*NEW* Maintain infrastructure for sheltering, emergency food, and winter blankets for extreme weather.</i>						
	Severe Weather	1, 3, 5	KSD	\$100,000	LOCAL, HMGP, GRANTS	MEDIUM TERM	
KSD - 9*	<i>*NEW* Continue maintenance and upgrades of water and power systems.</i>						
	All Hazards	3, 4, 5, 6	KSD	\$500,000	LOCAL, GRANTS	ONGOING	

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 47-6

<b>ACTION #</b>	<b>PRIORITY</b>	<b># OF OBJECTIVES MET</b>	<b>COST</b>	<b>BENEFIT</b>	<b>BENEFITS EQUAL OR EXCEED COSTS?</b>
KSD-1	<b>Medium</b>	2	Medium	Medium	Equals
KSD-2	<b>Medium</b>	2	Low	High	Exceeds
KSD-3	<b>Medium</b>	1	Low	High	Exceeds
KSD-4	<b>High</b>	4	High	Medium	-
KSD-5*	<b>High</b>	3	Medium	High	Exceeds
KSD-6*	<b>Medium</b>	2	High	High	Equals
KSD-7*	<b>Medium</b>	4	High	High	Equals
KSD-8*	<b>Medium</b>	3	High	High	Equals
KSD-9*	<b>Medium</b>	4	High	High	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 48

# LAKELAND JOINT SCHOOL DISTRICT (SD 272) ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Lakeland School District No. 272. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

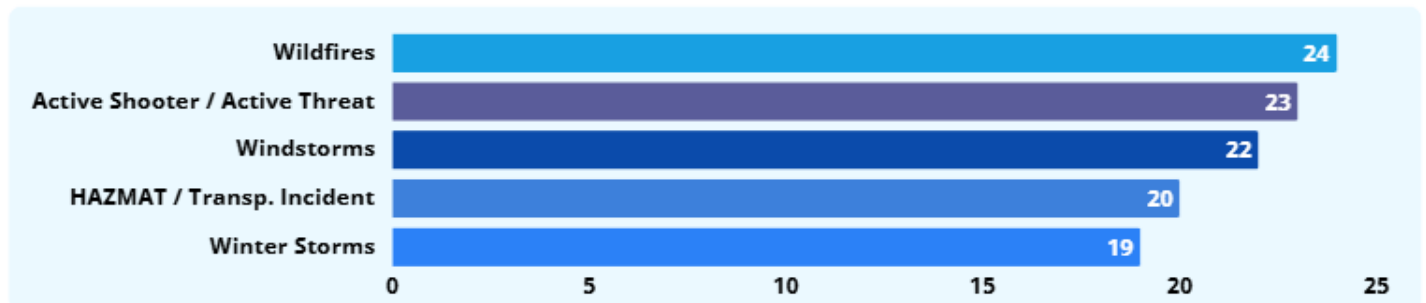


Figure 48-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 48-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
30,000	460 sq. miles	\$8,450,000,000

### OVERVIEW

Lakeland Joint School District No. 272 serves 4,600 students in the City of Rathdrum, Athol, Spirit Lake, the community of Bayview, and a portion of rural Kootenai County. District facilities include six elementary schools (one of which includes a preschool for children with special needs), two middle schools, two high schools, and an alternative high school. All schools are accredited.

The district operates on a general fund budget of \$49 million. The district employs a staff of 292 classified and 319 certified employees. The district is governed by a five-member Board of Trustees whose members are elected by the public and serve without pay. The Board of Trustees assumes responsibility for the adoption of this plan and the superintendent will oversee its implementation.

## SERVICE AREA AND TRENDS

Over the past four years, the Lakeland School District has experienced an increase in student enrollment at the secondary level and a decrease in elementary enrollment. Home prices and the district's market value have increased by about \$5.12 billion in the past five years. Currently, several new subdivisions are being added to the district's attendance boundaries

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 48-2
ASSET		VALUE
<b>PROPERTY</b>		
190.4 acres of land		\$14,619,636
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Light Trucks		\$302,612
Other Vehicles		\$42,000
School Buses		\$3,522,779
Facility Contents		\$17,842,750
Other Equipment		\$1,587,650
		<b>TOTAL: \$23,297,791</b>
<b>CRITICAL FACILITIES</b>		
District Office		\$2,012,500
Athol Elementary		\$14,271,600
Betty Kiefer Elementary		\$16,065,350
Garwood Elementary		\$15,926,750
John Brown Elementary		\$15,709,050
Spirit Lake Elementary		\$13,151,600
Twin Lakes Elementary		\$16,065,350
Lakeland Jr. High School		\$25,686,050
Timberlake Jr. High School		\$23,775,700
Lakeland High School		\$47,153,750
Mountain View Alternative High School		\$5,799,500
Timberlake High School		\$38,828,650
Maintenance Building		\$891,362
Transportation Building		\$557,000
Food Service Building		\$2,303,925
		<b>TOTAL: \$238,198,137</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Lakeland Jt. School District #272 Strategic Plan
- Lakeland Jt. School District #272 Emergency Operations Plan
- Kootenai County Hazard Mitigation Plan
- State of Idaho Hazard Mitigation Plan
- Idaho Department of Building Safety

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS			TABLE 48-3
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Severe Weather – Snow	Snow loads on rooftops	2009	\$141,491

## COMMUNITY CHALLENGES

- Growth
- Budget
- Communications
- Affordable Housing
- Maintenance of Infrastructure

**HAZARD RISK RANKING**

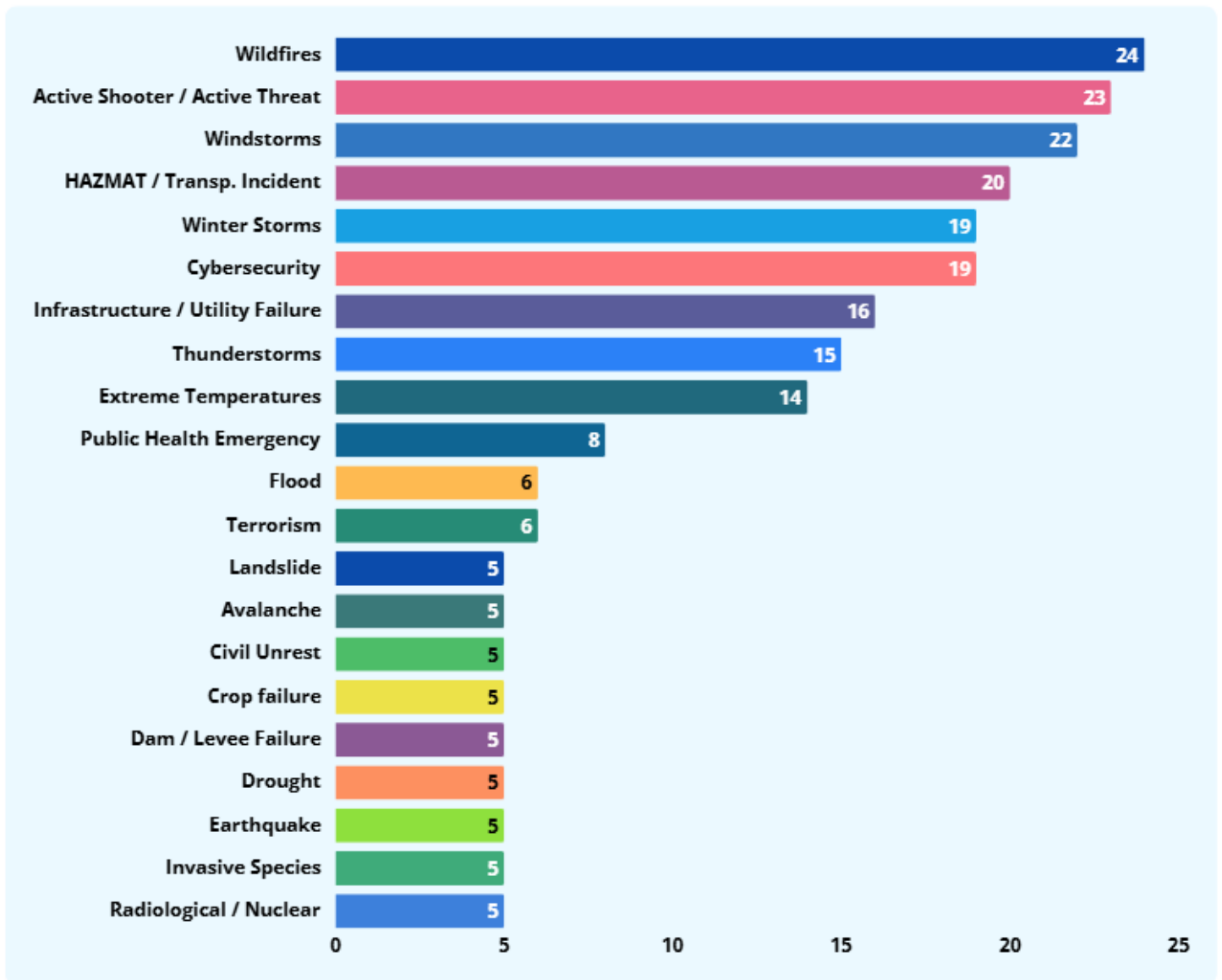


Figure 48-2 Hazard Risk Ranking Chart for Lakeland Joint School District No. 272

## MITIGATION ACTION PLAN

Table 48-4 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 48-4
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
LSD-1		X		Annual work completed
LSD-2		X		Annual work completed
LSD-3		X		Annual work completed
LSD-4		X		
LSD-5		X		
LSD-6		X		Annual work completed
LSD-7		X		Annual work completed
LSD-8		X		Ongoing
LSD-9	X			
LSD-10		X		
LSD-11		X		
LSD-12		X		
LSD-13	X			Ongoing
LSD-14		X		
LSD-15		X		
LSD – 16		X		

Table 48-5 lists the initiatives that make up the Lakeland School District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 48-6 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 48-5
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
<b>LSD - 1</b>	<i>In preparation for potential wildfires, assess school properties and clear potential fuels such as dry underbrush, diseased trees. Review best management practices and partner with local communities and fire districts to educate and create fire breaks.</i>						
	<b>Wildfire</b>	<b>3, 5, 6</b>	<b>LSD</b>	<b>LOW</b>	<b>LOCAL</b>	<b>SHORT TERM</b>	
<b>LSD - 2</b>	<i>Conduct no less than one lock-down drill and shelter-in-place drill annually.</i>						
	<b>Active Shooter / Threat</b>	<b>3, 5</b>	<b>LSD</b>	<b>MEDIUM</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>LSD – 3</b>	<i>Conduct an annual inventory of hazardous materials within each school.</i>						
	<b>All Hazards</b>	<b>3</b>	<b>LSD</b>	<b>LOW</b>	<b>LOCAL</b>	<b>ONGOING</b>	
<b>LSD – 4</b>	<i>Develop an all hazard training and exercise program in conjunction with first responders.</i>						
	<b>All Hazards</b>	<b>1, 2, 3, 5</b>	<b>KSD</b>	<b>HIGH</b>	<b>LOCAL</b>	<b>ONGOING</b>	

## HAZARD MITIGATION PLAN MATRIX

TABLE 48-5

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
LSD – 5	<i>In preparation for severe weather such as wind and snow, assess school properties to mitigate potential damage from high velocity wind and/or snowstorms. Relocate critical infrastructure, such as power lines, underground. Remove and/or trim trees back from power lines. Create emergency plans for bus routes, facility usage, and formalize shelter agreements. Inspect/ensure facilities can withstand high winds.</i>					
	Severe Weather	3, 5, 6	LSD	HIGH	LOCAL, HMGP, GRANTS	ONGOING
LSD – 6	<i>Continue to support the implementation, maintenance, and updating of the Kootenai County Hazard Mitigation Plan.</i>					
	All Hazards	1, 2, 3, 5	LSD	MEDIUM	LOCAL	ONGOING
LSD – 7	<i>Repair rooftop leaks and install proper drainage collectors at district facilities with flooding issues.</i>					
	Severe Weather	3, 6	LSD	HIGH	LOCAL, HMGP, GRANTS	LONG TERM
LSD – 8	<i>Conduct at least one emergency drill per month, at least four of which must be a lockdown. Annually, school staffs will participate in an active shooter drill conducted by law enforcement partners. During the 2020-21 school year, implement monthly scenarios for school safety team via tabletop exercises.</i>					
	Active Shooter / Threat	3, 5	LSD	HIGH	LOCAL	ONGOING
LSD – 9*	<i>*NEW* Improve cybersecurity by obtaining 2 factor authentication, secure servers, annual trainings, and software filters for antivirus.</i>					
	Cybersecurity	3, 6	LSD	UNKNOWN	UNKNOWN	ONGOING
LSD – 10	<i>There is a need within the district to conduct drainage feasibility studies and retrofits of district facilities to minimize injury and damage from flooding due to rapid snow melt and prolonged periods of rain.</i>					
	Flooding	3, 4, 6, 9	LSD	LOW	LOCAL	ONGOING
LSD – 11	<i>There is a need within the district to conduct structural and non-structural feasibility studies and retrofits of district facilities to minimize injuries and damages from earthquakes.</i>					
	Earthquakes	3, 4, 6, 9	LSD	LOW	LOCAL	ONGOING
LSD – 12	<i>In preparation for potential wildfires, assess district lands annually and clear potential fuels such as underbrush and diseased trees. Review best management practices and partner with local fire districts to educate and create firebreaks.</i>					
	Wildfire	3, 8	LSD	LOW	LOCAL	ONGOING
LSD – 13	<i>District nurses will work closely with Panhandle Health District to update contagious disease protocols and gain guidance for dealing with public health issues as they arise.</i>					
	Public Health Emergency	1, 3	LSD	LOW	LOCAL	ONGOING
LSD – 14	<i>Include a member of BNSF Railways on our District Safety Task Force.</i>					
	HAZMAT / Transportation	1, 3, 5	LSD	LOW	LOCAL	ONGOING
LSD – 15	<i>Continue hazardous fuels treatment along the Highway 41 corridor to Spirit Lake and include Lone Mountain areas.</i>					
	Wildfire	3, 6	LSD	MEDIUM	LOCAL, GRANTS	ONGOING
LSD – 16	<i>In preparation for severe weather such as wind and snow, purchase one generator for each school site to mitigate potential loss of ability to communicate and provide emergency lighting and limited heat.</i>					
	All Hazards	3, 5, 6	LSD	MEDIUM	LOCAL	ONGOING

**HAZARD MITIGATION PLAN MATRIX****TABLE 48-5**

<b>ACTION #</b>	<b>HAZARDS MITIGATED</b>	<b>OBJECTIVES</b>	<b>LEAD AGENCY</b>	<b>EST. COST</b>	<b>FUNDING SOURCE</b>	<b>TIMELINE</b>
<b>LSD – 17*</b>	<i>*NEW* Remove dead trees and limbs, acquire any additional insurance needed, ensure curbside structures are secured.</i>					
	<b>Windstorm</b>	<b>3, 5</b>	<b>LSD</b>	<b>UNKNOWN</b>	<b>UNKNOWN</b>	<b>ONGOING</b>
<b>LSD – 18*</b>	<i>*NEW* Conduct trainings for reunification and utilize the Skylert system.</i>					
	<b>Active Threat / All Hazards</b>	<b>1, 3, 5</b>	<b>LSD</b>	<b>UNKNOWN</b>	<b>UNKNOWN</b>	<b>ONGOING</b>
<b>LSD – 19*</b>	<i>*NEW* Maintain building and services such as HVAC and boiler to meet needs in the event of severe weather. Ensure necessary resources are on hand such as food, water, blankets, and extra clothing. Create a communications and transportation plan.</i>					
	<b>Severe Weather</b>	<b>1, 3, 5</b>	<b>LSD</b>	<b>UNKNOWN</b>	<b>UNKNOWN</b>	<b>ONGOING</b>

**MITIGATION STRATEGY PRIORITY SCHEDULE****TABLE 48-6**

<b>ACTION #</b>	<b>PRIORITY</b>	<b># OF OBJECTIVES MET</b>	<b>COST</b>	<b>BENEFIT</b>	<b>BENEFITS EQUAL OR EXCEED COSTS?</b>
LSD-1	Medium	3	Low	High	Exceeds
LSD-2	Medium	2	Low	High	Exceeds
LSD-3	Medium	1	Low	Medium	Exceeds
LSD-4	Medium	4	Medium	High	Exceeds
LSD-5	High	3	Medium	High	Exceeds
LSD-6	Medium	4	Medium	Medium	Equals
LSD-7	Medium	2	Medium	High	Exceeds
LSD-8	High	2	Low	Medium	Exceeds
LSD-9 *	High	2	Unknown	Medium	-
LSD-10	Medium	4	Low	High	Exceeds
LSD-11	Medium	4	Low	High	Exceeds
LSD-12	High	2	Low	High	Exceeds
LSD-13	High	2	Low	High	Exceeds
LSD-14	Medium	3	Low	Low	Equals
LSD-15	Medium	2	Medium	Medium	Equals
LSD – 16	Medium	3	Medium	High	Exceeds
LSD-17*	Medium	2	Unknown	Medium	-
LSD-18*	High	3	Unknown	Medium	-
LSD-19*	Medium	3	Unknown	Medium	-

See the introduction to this Volume for explanation of priorities.

## CHAPTER 49

# POST FALLS SCHOOL DISTRICT (SD 273) ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Post Falls School District No. 273. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

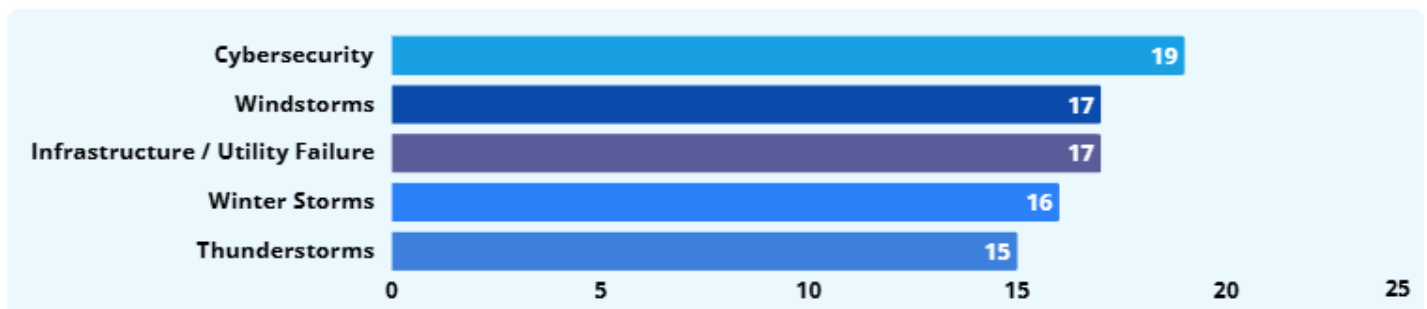


Figure 49-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 49-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
45,000	60 sq. miles	\$9,700,000,000.

### OVERVIEW

Post Falls School District No. 273 serves 5,800 students in the City of Post Falls and the surrounding area in Western Kootenai County. District facilities include one preschool, seven elementary schools, two middle schools, and two high schools, one of which is an alternative high school. All schools are accredited.

The district operates on a budget of nearly \$84 million, including \$60 million in the general fund. As one of the largest employers in North Idaho, Post Falls School District has 330 certified and 325 classified staff and ranks eleventh in enrollment among Idaho districts. A five-member, unpaid Board of Trustees governs the district, adopting this plan, while the superintendent oversees its implementation.

## SERVICE AREA AND TRENDS

In the past 5 years, the Post Falls School District has experienced a slight decline in enrollment from 6,100 to 5,800 students. Due to the continued decline in enrollment, there are no current plans for additional school construction. Additional school construction may be needed as the oldest school buildings may be too expensive to maintain compared to building new schools. The district anticipates that enrollment may continue to decline.

## ASSETS

The following table summarizes the critical assets of the District and their value:

<b>DISTRICT ASSETS</b>		<b>TABLE 49-2</b>
<b>ASSET</b>		<b>VALUE</b>
<b>PROPERTY</b>		
155 acres of land		\$8,525,000
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
15 Maintenance and Operation Vehicles		\$201,000
4 Tractors		\$47,900
Technology – Servers, security, phone systems		\$75,314
46 School Buses		\$1,244,025
15 Maintenance and Operation Vehicles		\$201,000
		<b>TOTAL: \$1,568,239</b>
<b>CRITICAL FACILITIES</b>		
Administration Building		\$571,594
Seltice Elementary		\$10,283,249
Ponderosa Elementary		\$11,692,161
Prairie View Elementary		\$10,001,263
Post Falls Middle School		\$22,118,694
Post Falls High School		\$50,518,686
Mullan Trail Elementary		\$10,764,015
Maintenance Facility		\$1,003,645
Transportation Building		\$909,904
Frederick Post Center		\$5,488,110
River City Middle School		\$17,125,387
West Ridge Elementary		\$9,209,531
Greensferry Elementary		\$9,483,286
Nutrition Services Building		\$2,072,713
<b>Facility Total</b>		<b>\$161,242,238</b>
		<b>TOTAL: \$238,198,137</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Post Falls School District #273 Strategic Plan
- Post Falls School District #273 Emergency Operations Plan
- Kootenai County Hazard Mitigation Plan
- State of Idaho Hazard Mitigation Plan
- Idaho Department of Building Safety

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS			TABLE 49-3
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
	-	-	-

## COMMUNITY CHALLENGES

- Population Growth

**HAZARD RISK RANKING**

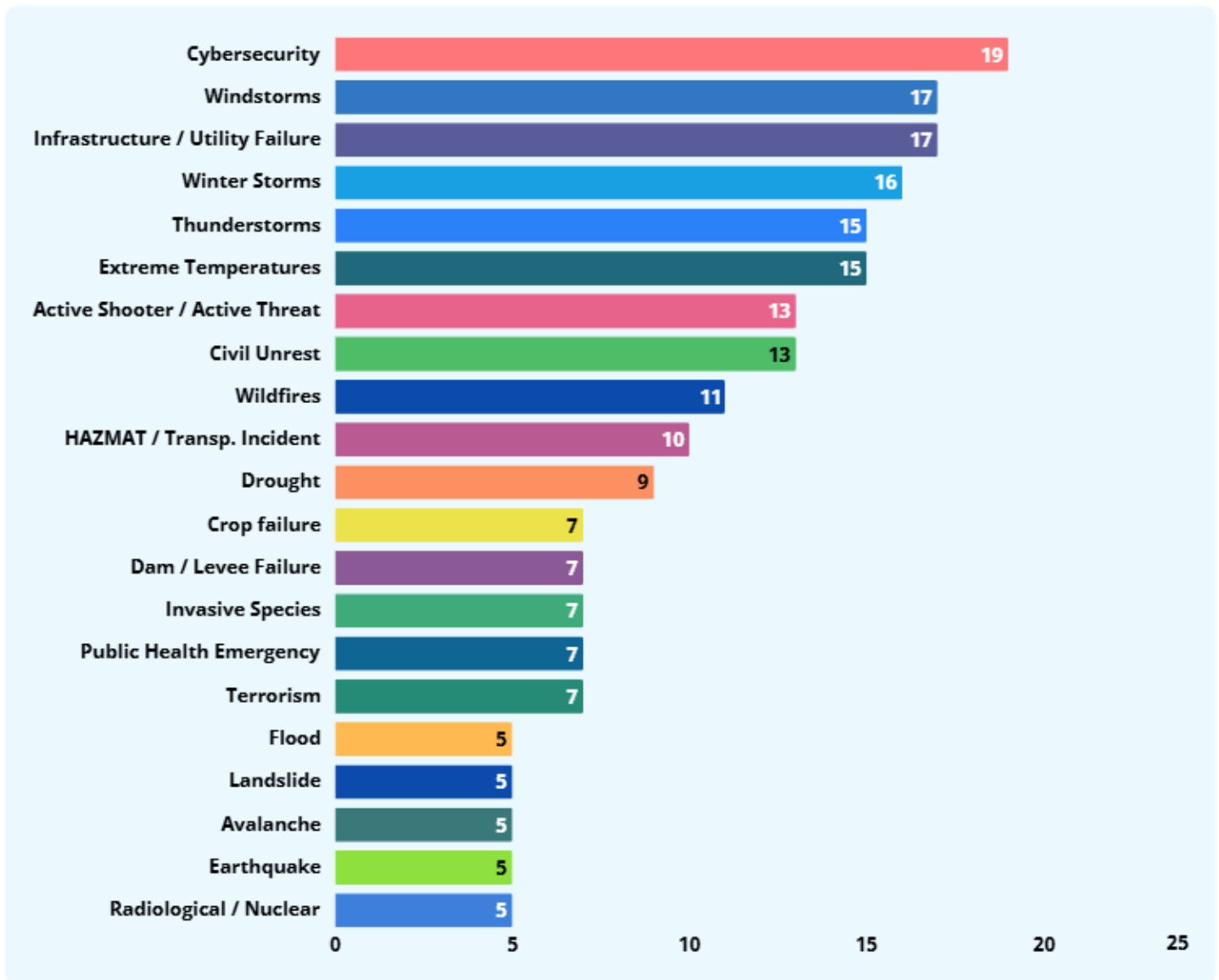


Figure 49-2 Hazard Risk Ranking Chart for Post Falls School District No. 273

## MITIGATION ACTION PLAN

Table 49-4 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 49-4
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
PSD-1		X		Annual work completed
PSD-2	X			
PSD-3		X		Annual work completed
PSD-4	X			

Table 49-5 lists the initiatives that make up the Post Falls School District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 49-6 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 49-5
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
PSD - 1	<i>Further Develop Emergency Evacuation Procedures.</i>						
	All Hazards	1, 3	PSD	LOW	LOCAL	ONGOING	
PSD - 2*	<i>*NEW* Implement two factor authentication, secure servers, annual phishing training, and a software filter (antivirus).</i>						
	Cybersecurity	1, 3	PSD	UNKNOWN	LOCAL	ONGOING	
PSD - 3	<i>Work with local law enforcement to practice school lockdowns.</i>						
	All Hazards / Active Threat	1, 3, 5	PSD	LOW	LOCAL	ONGOING	
PSD - 4*	<i>*NEW* Remove dead trees and limbs, acquire any additional insurance needed, ensure curbside structures are secured.</i>						
	Windstorm	3, 5	PSD	UNKNOWN	UNKNOWN	ONGOING	
PSD - 5*	<i>*NEW* Annual training: Coordinate with local school districts to train for reunification.</i>						
	Active Threat / All Hazards	1, 3	PSD	UNKNOWN	UNKNOWN	ONGOING	
PSD - 6*	<i>*NEW* Maintain building and services such as HVAC and boiler to meet needs in the event of severe weather. Ensure necessary resources are on hand such as food, water, blankets, and extra clothing. Create a communications and transportation plan.</i>						
	Severe Weather	1, 3	PSD	UNKNOWN	UNKNOWN	ONGOING	
PSD - 7*	<i>*NEW* Create an emergency "bucket" that includes emergency items such as walkie talkies, blankets, food, water, etc.</i>						
	Severe Weather	3, 5	LSD	UNKNOWN	UNKNOWN	ONGOING	

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 49-6

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
PSD-1	Medium	2	Low	High	Exceeds
PSD-2*	High	2	Unknown	High	-
PSD-3	Medium	3	Low	Medium	Exceeds
PSD-4*	Medium	2	Unknown	Medium	-
PSD-5*	High	2	Unknown	Medium	-
PSD-6*	Medium	2	Unknown	Medium	-
PSD-7*	Medium	2	Unknown	Medium	-

See the introduction to this Volume for explanation of priorities.

## **SPECIAL PURPOSE DISTRICTS: HIGHWAY DISTRICTS**



## CHAPTER 50 EAST SIDE HIGHWAY DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

**Ben Weymouth**  
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#### ALTERNATE

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admin@es-hd.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for East Side Highway District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

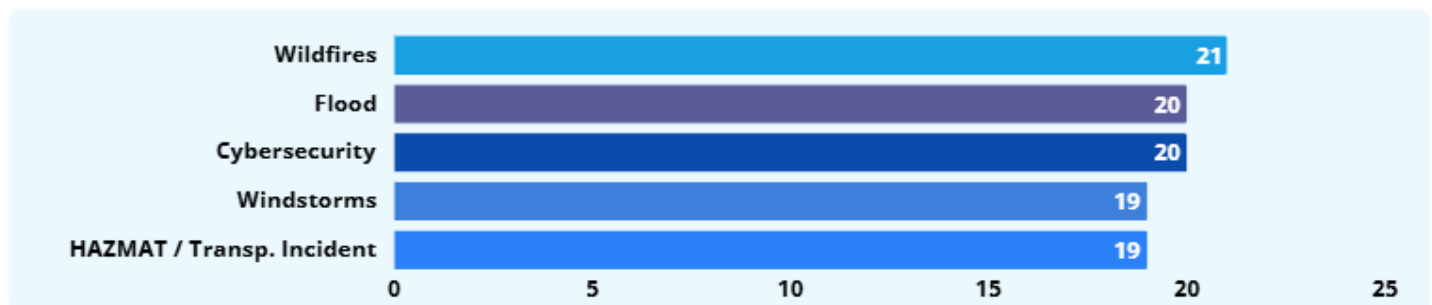


Figure 50-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 50-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
15,758	482 sq. miles	\$1,793,466,518.

### OVERVIEW

The East Side Highway District was formed in 1971 by an act of the State Legislature which consolidated eight (8) highway districts and Kootenai County Road Department. The East Side Highway District is a quasi-municipal agency overseen by a Board of Commissioners. The District is located in the Eastern sector of Kootenai County. The District encompasses 242.58 miles of roads, .262 miles unimproved, 132.616 miles of gravel, and 105.838 miles of paved roads. The entire area includes 482 square miles of County and municipal territory. The boundaries of East Side Highway District skirt Shoshone County to the east, and the cities of Cataldo and Harrison, and extend to the Benewah County line in the South. The District directly serves the communities of Rose Lake and Dudley, in addition to unincorporated areas of Kootenai County. The Board of Commissioners assumes responsibility for the adoption of this plan, and the Supervisor will oversee its implementation. The East Side Highway District currently has a staff of 17 employees and 3 commissioners.

## SERVICE AREA AND TRENDS

The East Side Highway District will experience an average .255% percent growth according to Kootenai County 2010/2020/2035 Future Growth Projections. The majority of the growth will come from recreational/seasonal living quarters, facilities and new development. To keep up with the new growth, the District has levied for the maximum authorized by law and enforced traffic mitigation fees. The District does not have impact fee authority to offset the cost of new growth.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 50-2
ASSET		VALUE
<b>PROPERTY</b>		
45.102 acres of land which includes some deeded right-of-way		\$173,246
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Equipment (Insured Value)		\$2,344,468
Vehicles (Insured Value)		\$1,780,000
106.1 miles of Paved Roads (New Construction Rural Replacement Value)		\$216,902,670
132.6 miles of Gravels Roads (New Construction Rural Replacement Value)		\$222,204,819
20 Bridges (Figures are based on cost to replace decking only)		\$32,287,400
		<b>TOTAL: \$475,542,808</b>
<b>CRITICAL FACILITIES</b>		
Coeur d'Alene Equipment Storage, Office, Shop and 10.06 acres of land		\$826,857
Canyon Rd Equip. Storage and Shop, and 3.72 acres of land		\$528,415
Harrison Shop		\$295,456
Harrison Boat Launch		\$120,000
Asbury Pit		\$85,388
Boothe Park		\$390,000
		<b>TOTAL: \$2,246,116</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- **East Side Highway District Resolution 2008-06**—Mutual Aid Agreement between the Kootenai County Highway District to provide mutual assistance to the parties for maintenance of highways and/or emergency support in the event of a major disaster or other emergency.
- **East Side Highway District Resolution 2008-04**—Snow Removal and Sanding Policy.

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 50-3	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Flood Disaster	FEMA	1974	\$101,309.08
Flood Disaster	Flood Disaster	1996	\$318,398.00
Mt. St. Helens	101-01, 201-2.309-51, 309-52, 315-51	1980	\$36,974.91
Ice Storm	Flood Disaster	1996	\$318,398.00
Flood Disaster	FEMA: 055-91002; 30542; 1177-ID; 94-S-459	1997	\$114,054.00
Snow Disaster	FEMA: P01-08-58	2008	\$219,073.66
Flood Disaster	FEMA: 1781-DR-ID	2008	\$1,371,088.
Flood Disaster	Idaho: ID-01-2025	2025	\$550,000

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Severe Winter Storm/ Tornado and High Winds/ Ash Fall:** Physical and financial restraints would result in excessive time to clear roads during each of these hazard events. Access for residents and emergency services would be impacted.

**Flooding:** There are lots of remote areas within the jurisdiction with single access routes that could be closed if roads are washed out. There are areas at risk for flooding throughout the entire district, especially the Coeur d'Alene River Valley area.

**Landslide:** The Latour Creek, Burma Rd., and Yellowstone Trail areas are at high risk for a landslide event that would cause loss of roadway. Of particular concern is the Latour access route, which is only one-way.

**Wildfire:** Approximately two-thirds of employees live rurally and could have difficulty making it to work during a wildfire event. District crews and emergency services providers could be impacted if access to certain locations becomes impaired.

**Pandemic:** Should a pandemic affect district crews, there would be limited to no ability to provide services.

**Pipeline Failure:** The Williams and Conoco Phillips pipelines run through much of the jurisdiction.

## COMMUNITY CHALLENGES

- Population Growth
- Outdated water systems in right of way
- Supply Chain
- Outdated Equipment
- Outdated Infrastructure (increase in traffic)

**HAZARD RISK RANKING**

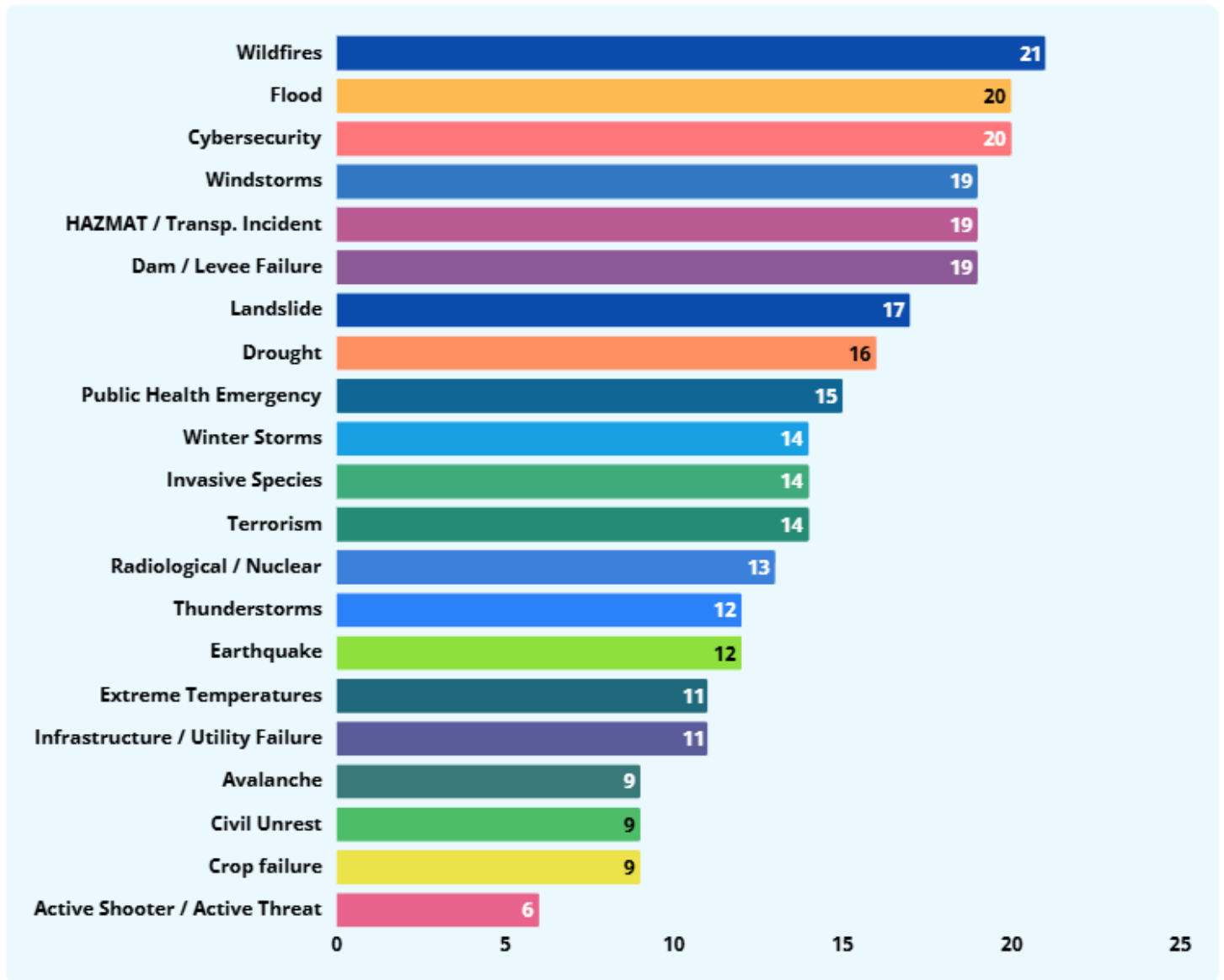


Figure 50-2 Hazard Risk Ranking Chart for East Side Highway District

## MITIGATION ACTION PLAN

Table 50-4 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 50-4
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
ESHD-1		X		Ongoing, a few more occur every year and most are fixed once weather allows
ESHD-2		X		Multiple locations with moving bedload that require periodic maintenance
ESHD-3		X		Planned completion for 2027. Bidding window missed due to environmental permitting.
ESHD-4		X		This will be addressed as manpower allows
ESHD-5		X		Progress has been made and can always improve
ESHD-6	X			Reference 10-01-2025 State declaration

Table 50-5 lists the initiatives that make up the East Side Highway District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 50-6 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 50-5
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
ESHD - 1	<i>Document significant landslides, bank failures, "washouts" and manmade embankment failure.</i>						
	Severe Weather, Flood, Landslide, Earthquake	1, 7, 8	ESHD	LOW	HMGP, PDM, LOCAL	LONG TERM	
ESHD - 2	<i>Identify critical drainage areas and clean ditches and bridge channels where bed loading is high.</i>						
	Severe Weather, Flood, Landslide	3, 4, 6, 8	ESHD	LOW	HMGP, PDM, LOCAL	LONG TERM	
ESHD - 3	<i>Pursue Bridge Replacement funding for CDA River Bridge at Cataldo to replace the existing and structurally deficient functionally obsolete bridges above the 500-year flood elevation</i>						
	Flood	1, 3, 5, 6	ESHD	HIGH	UNKNOWN	LONG TERM	
ESHD - 4	<i>Improve culvert management program in high runoff areas.</i>						
	Severe Weather, Flood	3, 4, 6	ESHD	LOW	HMGP, PDM, LOCAL	LONG TERM	
ESHD - 5	<i>Improvements to existing maintenance practices including rock line, ditches, and embankment rock armoring and increase flow capabilities.</i>						
	Flood, Landslide	3, 4, 6	ESHD	MEDIUM	HMGP, PDM, LOCAL	UNKNOWN	
ESHD - 6*	<i>*NEW* Obtain grant funding for generators at all 3 facilities.</i>						
	All Hazards	3, 5, 6, 9	ESHD	HIGH	UNKNOWN	MEDIUM TERM	
ESHD - 7*	<i>*NEW* Find vendor to implement third party cybersecurity on our systems.</i>						
	Cybersecurity	3, 5, 6	ESHD	MEDIUM	LOCAL	SHORT TERM	

## HAZARD MITIGATION PLAN MATRIX

TABLE 50-5

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
ESHD – 8*	<i>*NEW* Create a culvert database to prioritize culvert repairs and replacements. Replace priority culverts.</i>					
	Flood	3, 6, 7, 8	ESHD	HIGH	HMGP, PDM, LOCAL	ONGOING
ESHD – 9*	<i>*NEW* Increase removal of hazard trees and improve roadside clear zones where possible.</i>					
	Windstorm	3, 4, 6, 8	ESHD	MEDIUM	LOCAL	ONGOING
ESHD – 10*	<i>*NEW* Increase and improve fuel and deicer storage .</i>					
	Winter Storms	3, 6	ESHD	HIGH	LOCAL	MEDIUM TERM

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 50-6

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
ESHD-1	Medium	3	Low	Medium	Exceeds
ESHD-2	Medium	4	Low	Medium	Exceeds
ESHD-3	High	4	High	High	Equals
ESHD-4	Medium	3	Low	High	Exceeds
ESHD-5	Medium	3	Medium	Medium	Equals
ESHD-6*	High	4	High	High	Equals
ESHD-7*	High	3	Medium	Medium	Equals
ESHD-8*	Medium	4	High	Medium	-
ESHD-9*	Medium	4	Medium	High	Exceeds
ESHD-10*	Low	2	High	Medium	-

See the introduction to this Volume for explanation of priorities.

## CHAPTER 51 LAKES HIGHWAY DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Lakes Highway District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

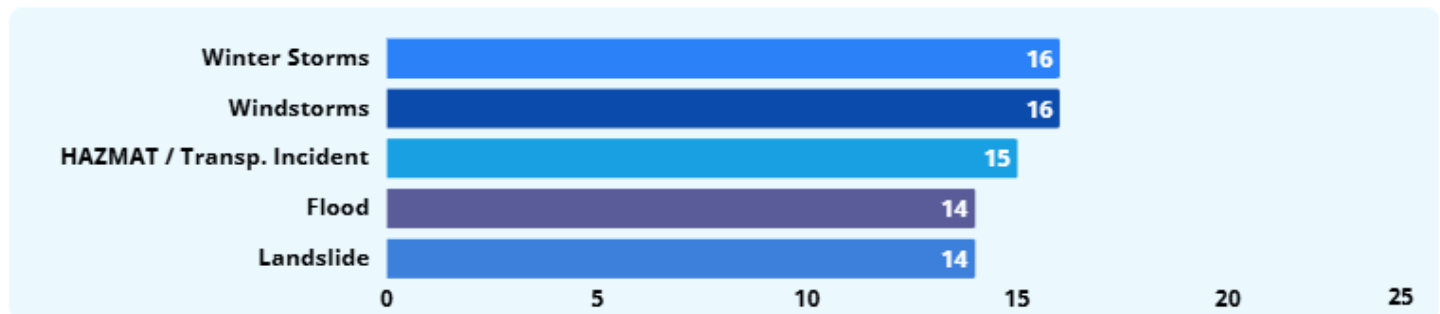


Figure 51-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 51-1
POPULATION SERVED	SERVICE AREA	
Appx. 93,103	464 sq. miles and 596 lane miles of paved and gravel roadways	

### OVERVIEW

The Lakes Highway District was formed in May of 1971 as a result of the consolidation of the Kootenai County Road Department and four individual highway districts: Belmont, Bench, Dalton and Hayden Lake. The District is located in the Northeast sector of Kootenai County. Boundaries of the Lakes Highway District includes the cities of Coeur d’Alene, Hayden, Rathdrum, Hayden Lake, Dalton Gardens, Spirit Lake, Athol and Bayview (unincorporated) in addition to other unincorporated areas of Kootenai County within its district borders. Lakes Highway District is bounded by Post Falls Highway District to its west, Bonner County in the north and the US Forest Service to its east.

Personnel working for the Lakes Highway District in 2025 consists of 3 Commissioners and 21-employees. The Board of Commissioners assumes responsibility for the adoption of this plan; the Director of Highways will oversee its implementation. The proposed budget for the 2024-2025 fiscal year is \$13,016,384.

## SERVICE AREA AND TRENDS

According to the 2020 US Census Report and the Kootenai County Metropolitan Planning Organization the District serves a total population of approximately 70,842 within its taxing District, with 22,261 in the rural area boundaries.

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 51-2
ASSET		VALUE
<b>PROPERTY</b>		
Garwood Operations Center		
Admin Bldg		\$1,650,000
Maint Shop		\$3,200,000
South Pole Bldg		\$733,000
Sign Shop		\$130,587
North Pole Bldg. 1		\$532,000
North Pole Bldg. 2		\$532,000
Belmont Shop		\$279,259
Total Operational Contents		\$596,097
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Mobile Equipment over \$25,000 in Value		\$3,544,116
Mobile Equipment under \$25,000 in Value		\$256,640
		<b>TOTAL: \$3,800,756</b>
<b>CRITICAL FACILITIES</b>		
Garwood Operations Center		\$7,652,943
Belmont Shop		\$279,259
		<b>TOTAL: \$17,932,202</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Highway Standards for the Associated Highway Districts of Kootenai County Idaho
- Ordinance 2019-02, Access Management Ordinance

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS			TABLE 51-3
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Landslide	-	2012	Road Repair, \$100,000
Landslide	-	2013	Road Repair, \$75,000
Windstorm	DR-4246-ID	2015	Wind Damage, \$70,033

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Winter Storm:** Downed trees and power lines due to severe winter storms have blocked roads and restricted residential access around the Twin Lakes, Spirit Lake, Cape Horn, and East Hayden Lake areas.

**Wind Storms:** Downed trees and power lines due to severe wind has blocked roads and restricted residential access around the Twin Lakes, Spirit Lake, Cape Horn, and East Hayden Lake areas.

**Hazardous Materials:** with the State Highway Grid and two major railroad routes through Lakes Highway District, there's concern for Hazardous Material Spills.

**Flood:** with several lakes and minor tributaries within the Lakes Highway District residential flooding has occurred during spring rain on snow events.

**Landslide:** Landslides around area lake roads have and could block residential access. These areas include Twin Lakes, Hayden, Spirit Lake, and Pend Orielle.

**Wildfire:** There is a concern within the jurisdiction about the possibility of downed trees blocking forest access roads, hindering the ability of responders to fight wildfires.

**Thunderstorm/ Riverine and Flash Flood:** Intermittent flooding occurs during some periods of severe weather, blocking residential access if culverts fail. There are undersized culverts in Bayview, Idaho, making it a particular area of concern. Residential access around area lake roads can also be blocked due to flooding, including East Hayden Lake Rd. Twin Lakes, Spirit Lake, and Pend Orielle.

**Infrastructure Failure:** A failure of the old Highway 95 bridge would eliminate alternative routes to U.S. 95.

**Active Shooter and Cyberattack:** The Lakes Highway District Administration Facility could become a target of a potential active shooter or cyberattack, as government facilities are often related to these hazard events

## COMMUNITY CHALLENGES

- Response to area issues due to unknown extents of issue (road blockage)
- Communications

**HAZARD RISK RANKING**

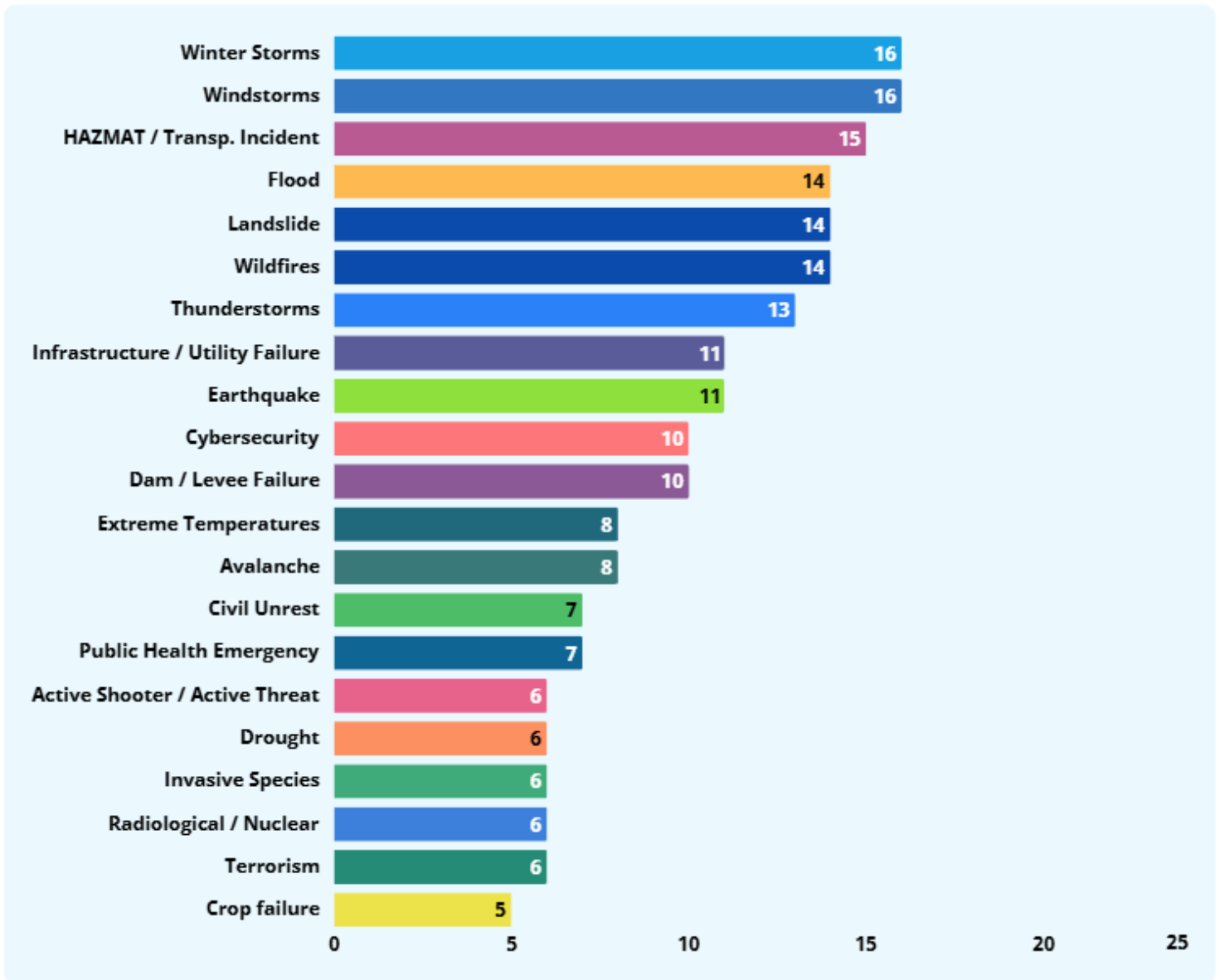


Figure 51-2 Hazard Risk Ranking Chart for Lakes Highway District

## MITIGATION ACTION PLAN

Table 51-4 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 51-4
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
LHD-1		X		
LHD-2		X		
LHD-3		X		
LHD-4		X		

Table 51-5 lists the initiatives that make up the Lakes Highway District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 51-6 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 51-5
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
LHD - 1	<i>Enhance Public Awareness of Winter Driving, by TV Public Service Announcements.</i>						
	Severe Weather	1, 3, 5	LHD	LOW	LOCAL	SHORT TERM	
LHD - 2	<i>Minimize Vegetation Removal, by Permitting.</i>						
	Flood, Landslide	3	LHD	UNKNOWN	LOCAL, GRANTS	SHORT TERM	
LHD - 3	<i>Improve Culvert Maintenance Programs, by mapping and identifying priority replacements.</i>						
	Flood	3, 6, 7, 8, 9	LHD	UNKNOWN	LOCAL, GRANTS	SHORT TERM	
LHD - 4	<i>Improve Roadside Areas through Vegetation Management Requires Right-of-Way.</i>						
	Severe Weather, Wildfire	3, 5, 6, 8	LHD	HIGH	LOCAL, GRANTS	LONG TERM, ONGOING	
LHD - 5*	<i>*NEW* Become more self sufficient by producing chemicals for deicing in house.</i>						
	Winter Storms	3, 6	LHD	HIGH	LOCAL, GRANTS	SHORT TERM	
LHD - 6*	<i>*NEW* Ensure minimal equipment backups are available.</i>						
	Winter Storms	3, 6	LHD	UNKNOWN	LOCAL, GRANTS	ONGOING	
LHD - 7*	<i>*NEW* Purchase fuel trailer and tank (backup supply).</i>						
	All Hazards	3, 6	LHD	MEDIUM	LOCAL, GRANTS	MEDIUM TERM	
LHD - 8*	<i>*NEW* Obtain a generator for Belmont shop.</i>						
	All Hazards	3, 5, 6	LHD	MEDIUM	LOCAL, GRANTS	MEDIUM TERM	
LHD - 9*	<i>*NEW* Obtain portable bridge to restore service – Bailey Bridge.</i>						
	Flood, Dam / Levee Failure, Landslide	3, 4, 5, 6, 9	LHD	HIGH	GRANTS	LONG TERM	

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 51-6

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
LHD-1	Medium	3	Low	Medium	Exceeds
LHD-2	Medium	1	Unknown	Medium	-
LHD-3	Medium	5	Unknown	Medium	-
LHD-4	Medium	4	High	High	Equals
LHD-5*	High	2	High	Medium	-
LHD-6*	High	2	Unknown	Medium	-
LHD-7*	Medium	2	Medium	Medium	Equals
LHD-8*	Medium	3	Medium	High	Exceeds
LHD-9*	Medium	5	High	High	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 52 POST FALLS HIGHWAY DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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#### ALTERNATE

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Telephone: 208-765-3717  
darrel@postfallshd.com

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Post Falls Highway District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

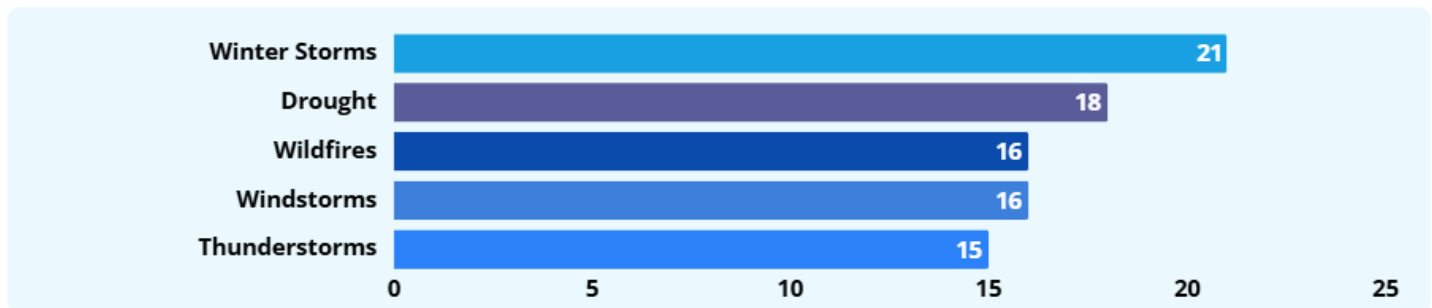


Figure 52-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 52-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
76,096	130 sq. miles, 191.193 miles of roadway	\$3,752,166,959.

### OVERVIEW

The Post Falls Highway District (“District”) is one of four highway districts in Kootenai County (“County”) and is located in the northwest sector of the County. Post Falls Highway District was created in 1971 with the consolidation of the County Road Department and the then existing nine highway districts. It oversees maintenance of 191 miles of paved and gravel roadways within 130 square miles of County and municipal territory with over 333 roadways. The Post Falls Highway District borders Lakes Highway District to the north and east, the State of Washington on the west, and the Worley Highway District to the south. It skirts the cities of Post Falls, Coeur d’Alene, Hayden and Rathdrum and directly serves the communities of Hauser, State Line and Huetter, in addition to unincorporated areas of Kootenai County.

The District is administered by a three-member Board of Commissioners. Post Falls Highway District is divided into three sub-districts, and each sub-district is represented by an elected Commissioner. The Board of Commissioners assumes responsibility for the adoption of this plan; the Director of Highways will oversee its implementation. The Highway District currently has a staff of 22 full-time personnel. The District receives a majority of its funding from the state highway users fund and ad valorem taxes. The proposed budget for fiscal year 2024-2025 is \$12,616,193.

## SERVICE AREA AND TRENDS

The Highway District has and continues to have increasing traffic growth mainly around the incorporated areas in the County. The Highway District's current five-year capital improvement plan (CIP) addresses some of the needs for transportation growth. The following are a few of the projects listed on the District's five-year CIP.

- Prairie Avenue Widening: Complete the expansion from two lanes to five lanes between Meyer Road and State Highway 41 (KN 23028).
- Prairie Trail Pedestrian Underpass: Construction of a Pedestrian/Bike Underpass as part of Prairie Trail Crossing in conjunction with the widening of Prairie Avenue to five lanes from Meyer Road to State Highway 41 (KN 24398).
- Lancaster Road and Huetter Road Roundabout: Install a roundabout at the intersection of Lancaster Road and Huetter Road to reduce/eliminate fatal and serious injury crashes for all roadway users. (KN 22875 - 50/50 split with Lakes Highway District)
- State Highway 53 and Pleasant View Road Interchange: This project, located at the intersection of SH-53 and Pleasant View approximately milepost 2.2, will construct two underpasses; one as an interchange for Pleasant View Road over SH-53 and the second over the railroad interchange and structure to accommodate traffic flows and realignment of the ramps and intersecting roadways. The project will reduce serious and fatal type crashes as well as improve mobility by providing on and off-ramps for Pleasant View Road, structure over the railroad. This project will also close two other railroad crossings and add illumination. (ITD KN 10005)
- Hayden Avenue and Meyer Road Intersection: Upgrade a two-way stop controlled intersection into a single-lane roundabout with illumination and pedestrian facilities. (KN 22435)
- Pleasant View Road and Prairie Avenue Intersection: This project will reduce the number of angle crashes and will help eliminate crashes within the intersection. A reduction/elimination of serious injury crashes and fatalities should occur with the conversion of the intersection to a roundabout. (KN 20402)
- Millview Road
- The "Y" at Riverview
- Church Road

## ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 52-2
ASSET		VALUE
<b>PROPERTY</b>		
125.9308 acres of land		\$6,849,121
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Spokane St Bridge—provides access across the Spokane River		\$50,000,000
Harbor Island Bridge—provides access onto Harbor Island		\$5,000,000
80.2 miles of collector roads		\$72,000,000
Maintenance equipment		\$5,722,893
		<b>TOTAL: \$127,572,893</b>
<b>CRITICAL FACILITIES</b>		
Maintenance Shop (main)		\$1,037,988
Bodine Shop @ Pleasant View		\$890,830
Fueling Facility		\$120,000
Deicer Storage System		\$75,000
District Office		\$847,097
		<b>TOTAL: \$2,970,915</b>

## REGULATIONS AND PLANS

Post Falls Highway District is a service district charged with providing surface transportation infrastructure in the unincorporated area within its jurisdictional boundaries. As such, it does not have ordinance authority or land use jurisdiction.

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 52-3	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Emergency	EM-3467	1/20/2020	N/A
Pandemic	DR-4534	1/20/2020	N/A
Wind	DR-4589	1/13/2021	N/A

## COMMUNITY CHALLENGES

- Population Growth
- Underdeveloped Roadways

**HAZARD RISK RANKING**

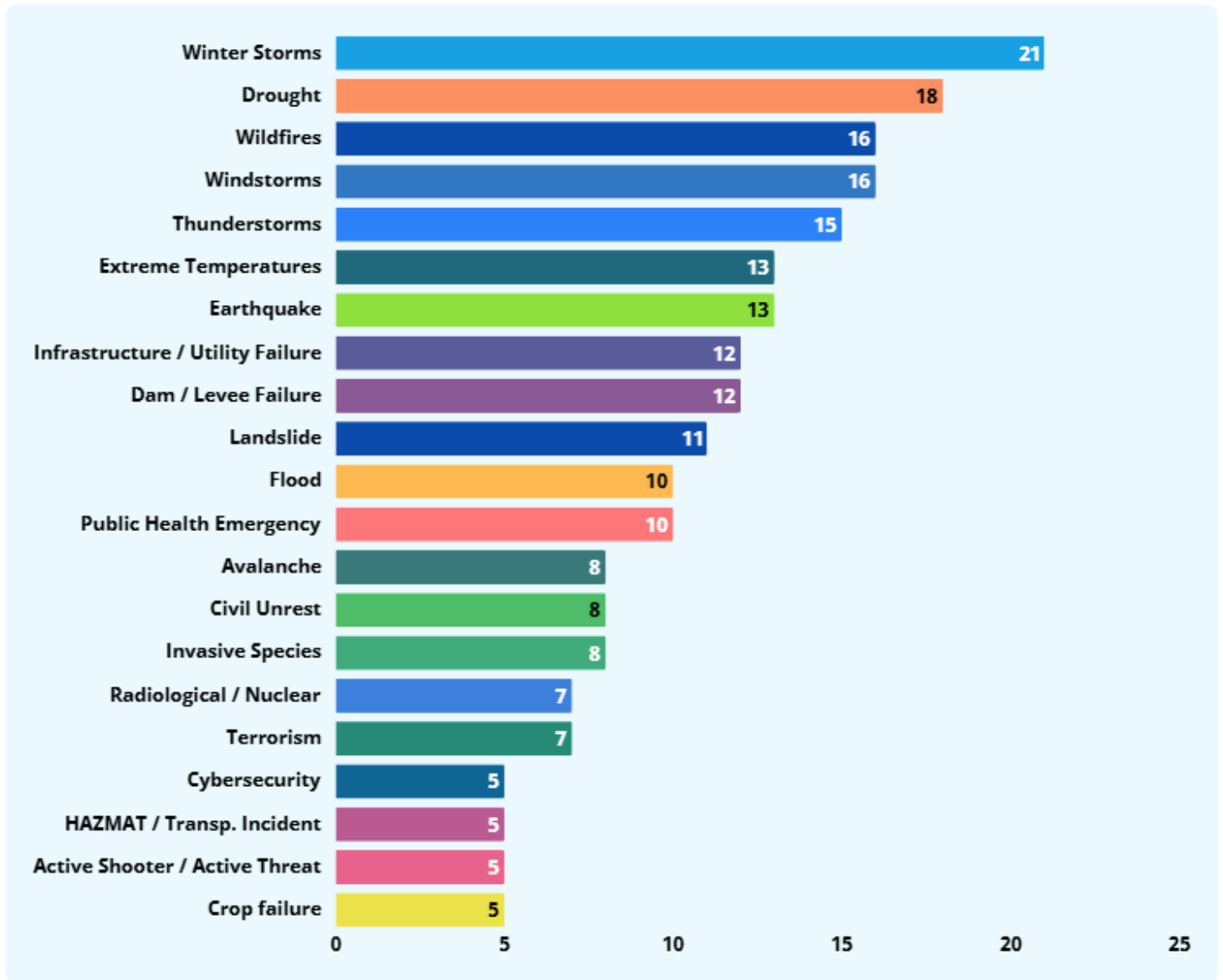


Figure 52-2 Hazard Risk Ranking Chart for Post Falls Highway District

## MITIGATION ACTION PLAN

Table 52-4 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 52-4
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
PFHD-1		X		
PFHD-2		X		
PFHD-3		X		
PFHD-4		X		
PFHD-5		X		
PFHD-6		X		

Table 52-5 lists the initiatives that make up the Post Falls Highway District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 52-6 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 52-5
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
PFHD - 1	<i>Encourage roadside vegetation management practices.</i>						
	Severe Weather, Wildfire, Flood	1, 3, 5	PFHD	LOW	LOCAL, GRANTS	SHORT TERM	
PFHD - 2	<i>Protect the general public and District facilities through non-structural mitigation.</i>						
	All Hazards	1, 3, 5	PFHD	LOW	LOCAL, GRANTS	SHORT TERM	
PFHD - 3	<i>Document all landslides, embankment failures, wash outs and any drainage system failures.</i>						
	Flood, Landslides	1, 3, 6, 7, 8	PFHD	LOW	LOCAL	SHORT TERM	
PFHD - 4	<i>Implement practices to improve roadways and right of ways in the WUI areas.</i>						
	Wildfire, Severe Weather	3, 4, 6, 9	PFHD	LOW	LOCAL	SHORT TERM	
PFHD - 5	<i>Enhance road drainage systems.</i>						
	Flood	3, 4, 6	PFHD	LOW	LOCAL, GRANTS	SHORT TERM	
PFHD - 6	<i>Improve culvert management program.</i>						
	Flood, Landslides	3, 4, 6	PFHD	LOW	LOCAL, GRANTS	SHORT TERM	
PFHD - 7*	<i>Obtain backup generator to keep fuel island running. Create own materials and stockpile, keep spare parts available for equipment.</i>						
	All Hazards	3, 5, 6	PFHD	MEDIUM	LOCAL	MEDIUM TERM	
PFHD - 8*	<i>*NEW* Continue to connect roadways. Create an exit strategy to disperse traffic efficiently.</i>						
	Wildfires	1, 3, 5, 6	PFHD	MEDIUM	GRANTS	LONG TERM	
PFHD - 9*	<i>*NEW* Cut down all dead and hazard trees. Continue to train crew on downed powerlines.</i>						
	Severe Weather	1, 3, 6	PFHD	LOW	LOCAL, GRANTS	ONGOING	

HAZARD MITIGATION PLAN MATRIX

TABLE 52-5

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
PFHD – 10*	<i>*NEW* Continue to purchase backup generators for facilities. Maintain battery operated radios</i>					
	All Hazards	3, 5, 6	PFHD	MEDIUM	LOCAL	ONGOING
PFHD – 11*	<i>*NEW* Monitor hillsides for potential failures. Keep materials on hand to fix any damage roadways.</i>					
	Landslides	3, 6, 8	PFHD	MEDIUM	LOCAL, GRANTS	ONGOING

MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 52-6

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
PFHD-1	High	3	Low	High	Exceeds
PFHD-2	High	3	Low	High	Exceeds
PFHD-3	High	5	Low	Medium	Exceeds
PFHD-4	Medium	4	Low	Medium	Exceeds
PFHD-5	Medium	3	Low	Medium	Exceeds
PFHD-6	Medium	3	Low	Low	Equals
PFHD-7*	High	3	Medium	High	Exceeds
PFHD-8*	Medium	4	Medium	Medium	Equals
PFHD-9*	Medium	3	Low	Medium	Exceeds
PFHD-10*	High	3	Medium	High	Exceeds
PFHD-11*	High	3	Medium	Medium	Equals

See the introduction to this Volume for explanation of priorities.

## CHAPTER 53

# WORLEY HIGHWAY DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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#### ALTERNATE

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### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Worley Highway District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

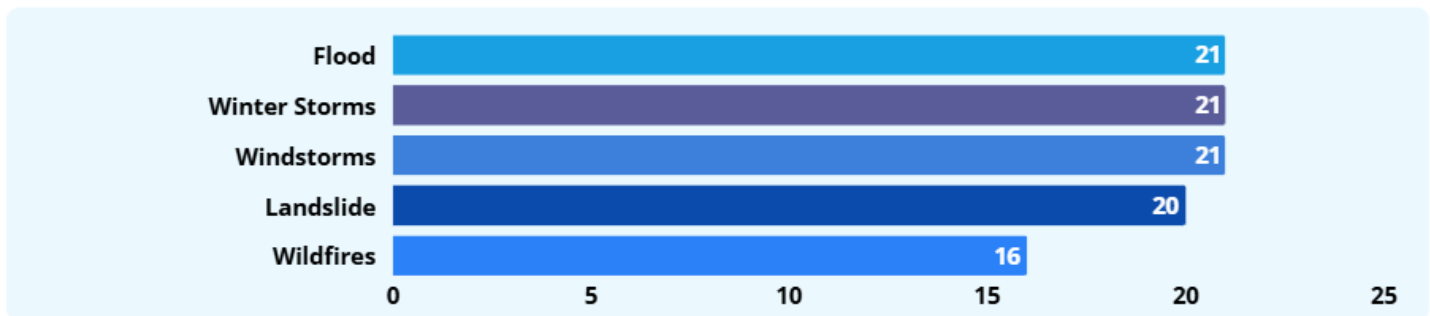


Figure 53-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 53-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
8,607 (2010)	202.24 sq miles, 193.123 miles of roads	\$2,048,981,339

### OVERVIEW

The Worley Highway District (WHD) is a public entity responsible for the maintenance and construction of secondary roads in the south west portion of Kootenai County, located in Northern Idaho. There are 193.123 miles of roads in Worley Highway District, 0.479 miles unimproved, 4.348 miles of dirt, 91.773 miles of gravel and 96.527 miles of paved road. The District is administered by a three-member Board of Commissioners. Worley Highway District is divided into three sub-districts, and each sub-district is represented by an elected Commissioner. The Board of Commissioners assumes responsibility for the adoption of this plan and the District Supervisor will oversee its implementation.

Worley Highway District is located in the Southwest sector of Kootenai County. The Worley Highway District borders Lake Coeur d'Alene to the east, Post Falls Highway District to the North, the State of Washington on the west, and Benewah County to the South. It skirts the cities of Post Falls, Coeur d'Alene and Plummer and directly serves the communities of Worley, Mica Flats, Kidd Island, and unincorporated areas of Kootenai County.

### SERVICE AREA AND TRENDS

The following trends have been observed within Worley Highway District.

- Portions of the jurisdiction have experienced about a 2 percent growth over the last five years. Land use designations allow for an increase in light commercial and residential land uses within the service area. This increase in density of land uses will represent an increase in population and thus a projected increase in traffic volume.
- The majority of the growth will come from recreational/seasonal living quarters and facilities (i.e. Planned Unit Development with golf facilities.)

### ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS		TABLE 53-2
ASSET		VALUE
<b>PROPERTY</b>		
121.8941 acres of land		\$1,102,412
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
193 miles of roadway		20,524,197
Bridges		2,182,937
Equipment		5,132,867
Other (in progress)		2,591,248
Radio Repeater		\$4,125
Vehicles		1,828,566
		<b>TOTAL: \$32,263,940</b>
<b>CRITICAL FACILITIES</b>		
Mica Yard		\$ 1,241,840
Worley Yard		\$ 526,327
Sun Up Yard		\$ 1,593,019
		<b>TOTAL: \$3,361,186</b>

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS			TABLE 53-3
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Volcano Ash, Mt. St Helens	N/A	1980	Ash clean up. Replace gravel on the roads.
Flood	1102-DR-ID	1996	Erosion of roadways
Snow/Winter Event	1154-DR-ID	1996	Snow Removal
Flood	ER-5747	1998	Road Repair
Flood	ER-5742	1998	Road Repair
Snow/Winter Event	P-01-08-29	2008	Snow Removal
Flood		2017	Road Repair

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**Flash Flood:** There is an erosion issue in Conklin Park Drive that needs to be addressed.

**Wildfire:** There is a need to extend the culvert to widen Ator Hill Road for emergency vehicles and emergency egress.

## COMMUNITY CHALLENGES

- Population Growth
- Lack of Infrastructure
- Roadway layout improvement
- Increased traffic
- Single points of ingress/egress

**HAZARD RISK RANKING**

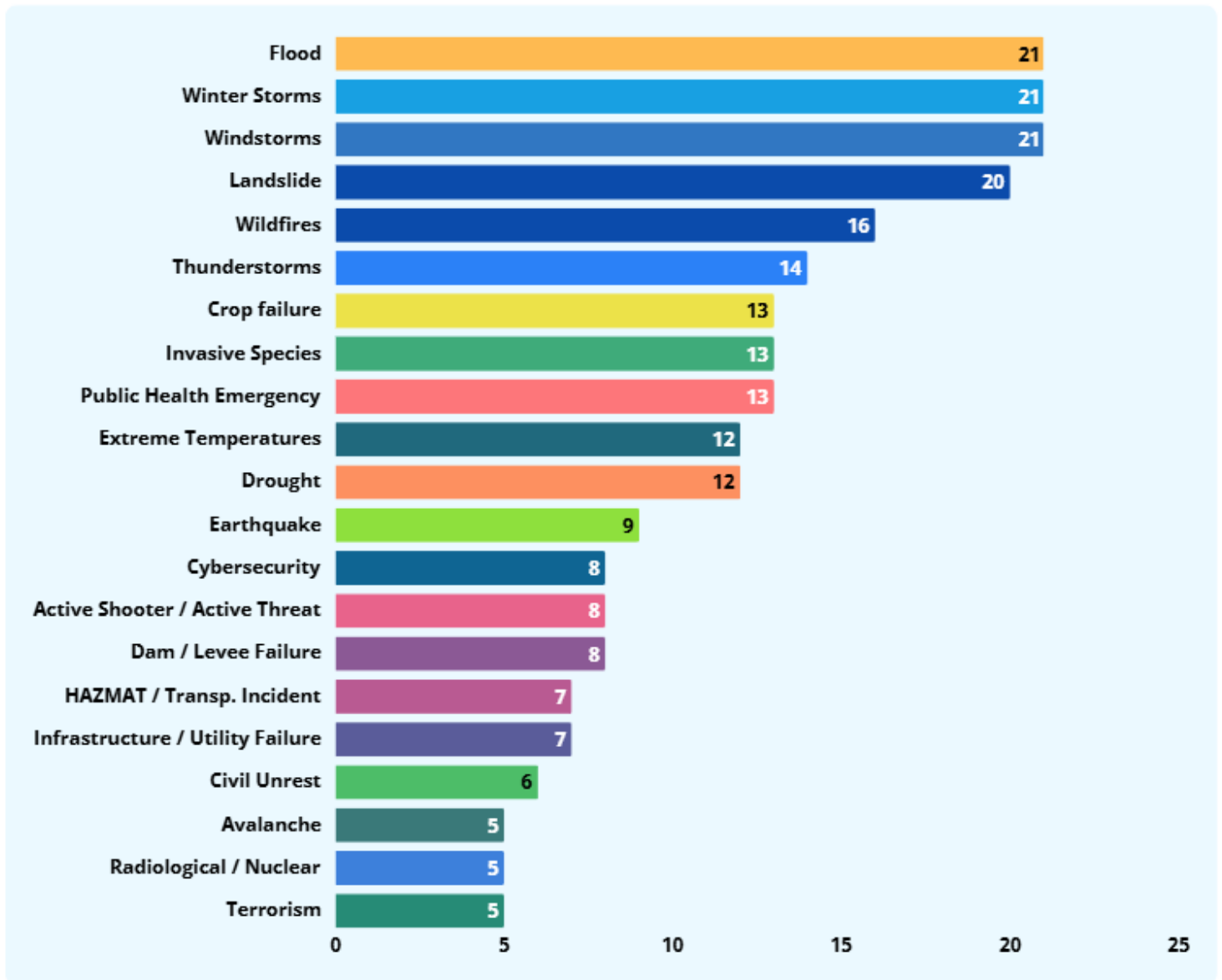


Figure 53-2 Hazard Risk Ranking Chart for Worley Highway District

## MITIGATION ACTION PLAN

Table 53-4 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 53-4
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
WHD - 1		X		
WHD - 3		X		Annual work completed
WHD - 5	X			

Table 53-5 lists the initiatives that make up the Worley Highway District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 53-6 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 53-5
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
WHD - 1	<i>District wide weather event response (i.e. snow removal, etc.). Will need to upgrade equipment.</i>						
	Severe Weather	1, 3, 5, 6	WHD	MEDIUM	LOCAL	LONG TERM	
WHD - 2*	<i>*NEW* Clean ditch lines, raise road, replace culverts, obtain back up power – Bailey Bridge.</i>						
	Flood	3, 4, 5, 6, 9	WHD	UNKNOWN	LOCAL, GRANTS	ONGOING	
WHD - 3	<i>Maintain roadside vegetation district wide.</i>						
	Wildfire	3, 6	WHD	LOW	GRANTS	LONG TERM	
WHD - 4*	<i>*NEW* Mitigate equipment breakdowns, improve public information for educational purposes and alerting. Obtain back up power</i>						
	Windstorms	1, 3, 4, 5, 6	WHD	UNKNOWN	LOCAL, GRANTS	SHORT TERM	
WHD - 5*	<i>*NEW* Specialized equipment and engineering availability.</i>						
	Landslides	1, 3, 5, 6	WHD	UNKNOWN	LOCAL, GRANTS	LONG TERM	
WHD - 6*	<i>*NEW* Clean ditches, remove hazard trees, ensure equipment is prepared for response prior to event.</i>						
	Severe Weather	3, 6	WHD	UNKNOWN	LOCAL, GRANTS	ONGOING	

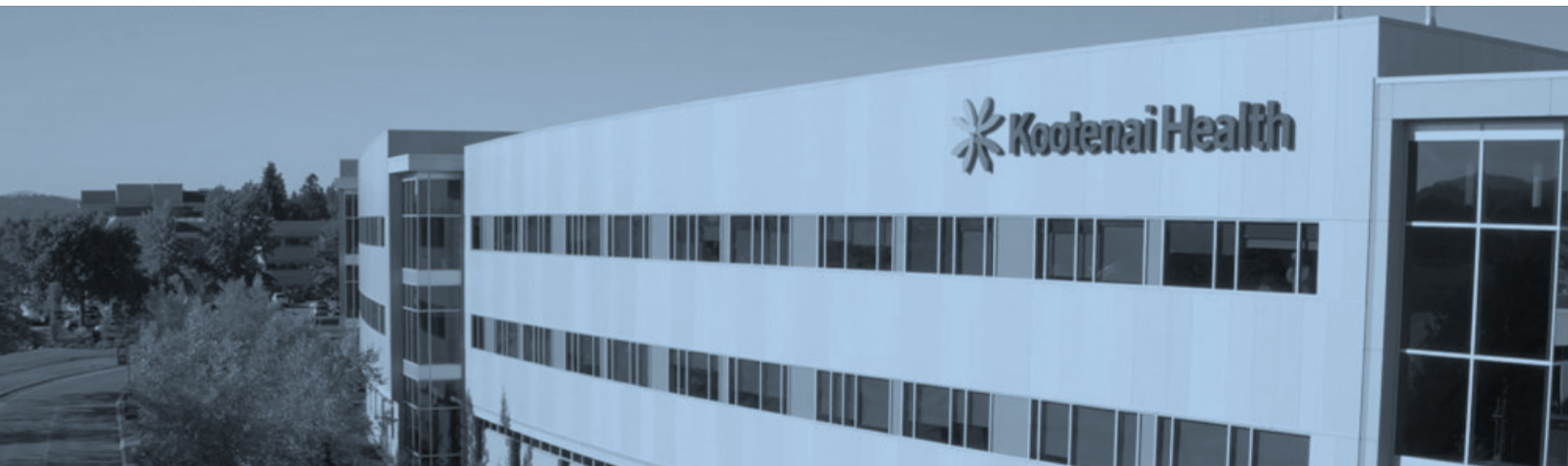
## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 53-6

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
WHD - 1	High	4	Medium	High	Exceeds
WHD - 2*	High	5	Unknown	Medium	-
WHD - 3	High	2	Low	Medium	Exceeds
WHD - 4*	High	5	Unknown	Medium	-
WHD - 5*	High	4	Unknown	Medium	-
WHD - 6*	Medium	2	Unknown	Medium	-

See the introduction to this Volume for explanation of priorities.

## OTHER SPECIAL PURPOSE DISTRICTS



## CHAPTER 54

# KOOTENAI HEALTH ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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### CHANGES SINCE THE 2020 AHMP

- Kootenai Health is a newly added participant to the Kootenai County All Hazard Mitigation Plan.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Kootenai Health. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

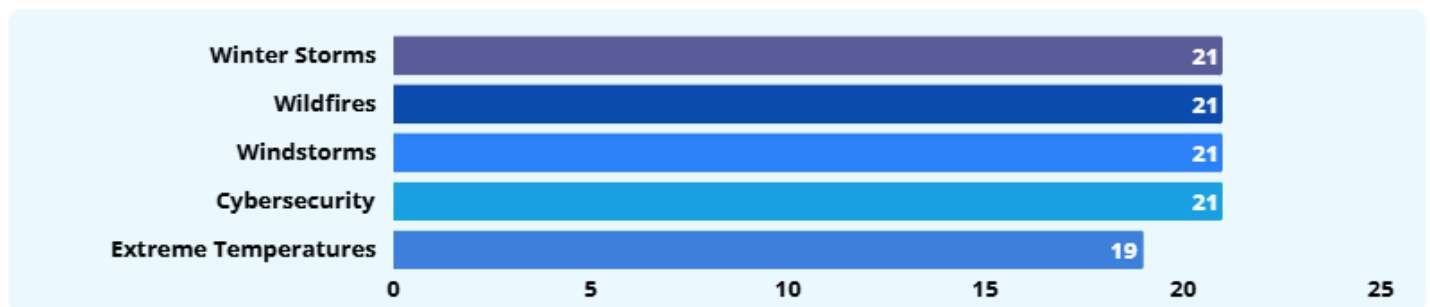


Figure 54-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 54-1
<b>SERVICE AREA</b>	<b>STAFF</b>	
5 Northern Counties and beyond	200+ providers, 25+ clinical specialties	

### OVERVIEW

Kootenai Health provides comprehensive medical services to patients in northern Idaho and the Inland Northwest. Its main campus, located in Coeur d’Alene, Idaho, includes a hospital with a 381-bed capacity and over 25 specialized Kootenai Clinic physician practices. Saint Mary’s Health in Cottonwood, Idaho, and Clearwater Valley Health in Orofino, Idaho are also part of Kootenai Health. Kootenai Health is accredited by DNV. It holds Magnet designation for nursing excellence, Level II Trauma Center designation, Level III NICU designation, and accreditation from the American College of Surgeons Commission on Cancer. Kootenai Health has more than 200 employed providers across the 25+ clinical specialties.

Kootenai Health has two Boards; the Kootenai Hospital District Board of Trustees and the Kootenai Health Inc. Board of Directors and a team of seasoned healthcare executives who are collectively committed to improving the health and well-being of the patients and communities they serve.

## SERVICE AREA AND TRENDS

Kootenai Health serves the 5 Northern counties of North Idaho and beyond. It has one of the busiest emergency rooms in the State, with approximately 59,000 + visits annually. This volume has grown substantially over the previous years. In 2024 the hospital had 23,000 admissions throughout various units.

## ASSETS

The following table summarizes the critical assets of the District and their value:

<b>DISTRICT ASSETS</b>		<b>TABLE 54-2</b>
<b>ASSET</b>		<b>VALUE</b>
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Building Contents, Equipment, Supplies (all 23 buildings)		\$125,744,213
Vehicles (34)		\$407,894
Trailers (5)		\$31,000
Tractors (3)		\$28,500
		<b>TOTAL: \$126,211,607</b>
<b>CRITICAL FACILITIES / PROPERTY</b>		
Kootenai Health Way,		443,000
795 Ironwood Drive,		\$6,500,000
2215 Kootenai Health Way,		\$2,000,000
2205 Kootenai Health Way,		\$12,000,000
2415 Kootenai Health Way,		\$2,500,000
2100 Ironwood Court,		\$1,500,000
955 Ironwood Drive,		\$1,200,000
2300 West Ironwood Place,		\$2,161,505
2301 West Ironwood Place,		\$11,580,062
2207 Ironwood Place,		\$1,928,214
2271 Ironwood Center Drive,		\$833,729
2248 Ironwood Center Drive,		\$595,119
2251 Ironwood Center Drive,		\$1,309,442
2231 Ironwood Center Drive,		\$1,075,305
2199 Ironwood Center Drive,		\$907,677
2195 Ironwood Court,		\$7,133,941
2190 Ironwood Center Drive,		\$1,305,000
2180 Ironwood Center Drive,		\$889,945
2177 Ironwood Center Drive,		\$3,348,311
2121 Ironwood Center Drive,		\$2,050,974
2120 Ironwood Center Drive,		\$2,290,788
1300 E Mullan Ave,		\$23,083,503
1440 E Mullan Ave,		\$10,106
		<b>TOTAL: \$214,742,526</b>

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- Kootenai Health’s Emergency Operations Plan

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction’s classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 54-3	
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	-	N/A	-
Building Code Effectiveness Grading Schedule	-	NA	-
Public Protection	-	N/A	-
StormReady	-	N/A	-
FireSmart	-	N/A	-

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 54-4	
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT
Pandemic	DR 4534	04/09/2020	-

## LOCAL HAZARD CONCERNS

The following include narratives about specific hazards within the jurisdiction that are of particular concern in local areas.

**IT System Outages:** The loss of our electronic medical records system has a large impact on hospital operations. Kootenai Health continues to improve downtime processes and education of those processes for when an outage takes place. There is also continual improvement by Kootenai Health and our partners to have many redundancies in place for our systems.

**Supply Chain Shortage / Failure:** Kootenai Health continues to invest in offsite storage for an additional stock of supplies. Kootenai Health also works with it’s partners to have MOUs in place for when critical supplies are needed.

## COMMUNITY CHALLENGES

- Concern for Disease Transmission

**HAZARD RISK RANKING**

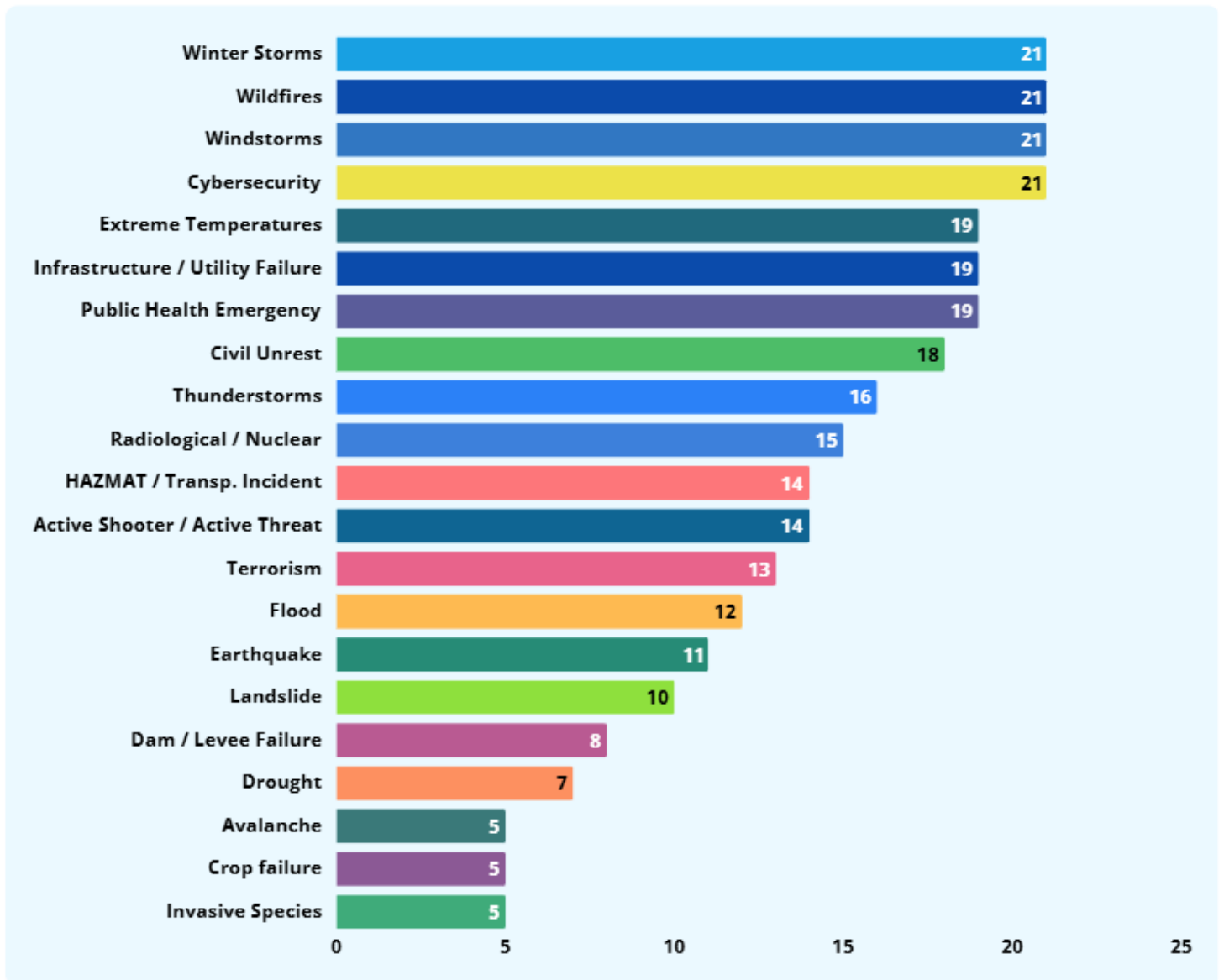


Figure 54-2 Hazard Risk Ranking Chart for Kootenai Health

## MITIGATION ACTION PLAN

Table 54-5 lists the initiatives that make up the Kootenai Health mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 54-6 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						TABLE 54-5
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
KH – 1*	<i>*NEW* Increase the number of individuals trained in mass decon. Expand instructors for HERT (Hospital Emergency Response Team) Team.</i>					
	HAZMAT	4, 5, 6	KH	\$50,000	LOCAL, GRANTS	ONGOING
KH – 2*	<i>*NEW* Adding an additional generator unit or replacing existing units with larger capacity unit.</i>					
	All Hazards	3, 5, 6	KH	\$500,000	UNKNOWN	LONG TERM
KH – 3*	<i>*NEW* Having more redundant servers in place for our electronic medical records system.</i>					
	Cybersecurity	3, 6	KH	UNKNOWN	UNKNONW	SHORT TERM
KH – 4*	<i>*NEW* Continue education and processes for patient surge due to highly infectious disease.</i>					
	Public Health	1, 4, 5, 6	KH	UNKNOWN	LOCAL, GRANTS	ONGOING
KH – 5*	<i>*NEW* Confirm all required critical 96-hour supplies are available and that all pertinent MOUs are in place.</i>					
	All Hazards	4, 5, 6	KH	LOW	UNKNOWN	SHORT TERM

MITIGATION STRATEGY PRIORITY SCHEDULE				TABLE 54-6		
ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?	
KH -1	Medium	3	Medium	Medium	Equals	
KH -2	Low	3	High	High	Equals	
KH -3	Medium	2	Unknown	Medium	-	
KH -4	Medium	4	Unknown	Medium	-	
KH -5	High	3	Low	Medium	Exceeds	

See the introduction to this Volume for explanation of priorities.

## CHAPTER 55 PANHANDLE HEALTH DISTRICT ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

#### PRIMARY

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mwalker@phd1.idaho.gov

### CHANGES SINCE THE 2020 AHMP

- A hazard risk summary has been added.
- Jurisdictional risk assessments have been updated.
- A jurisdiction summary chart has been added.

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for Panhandle Health District. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

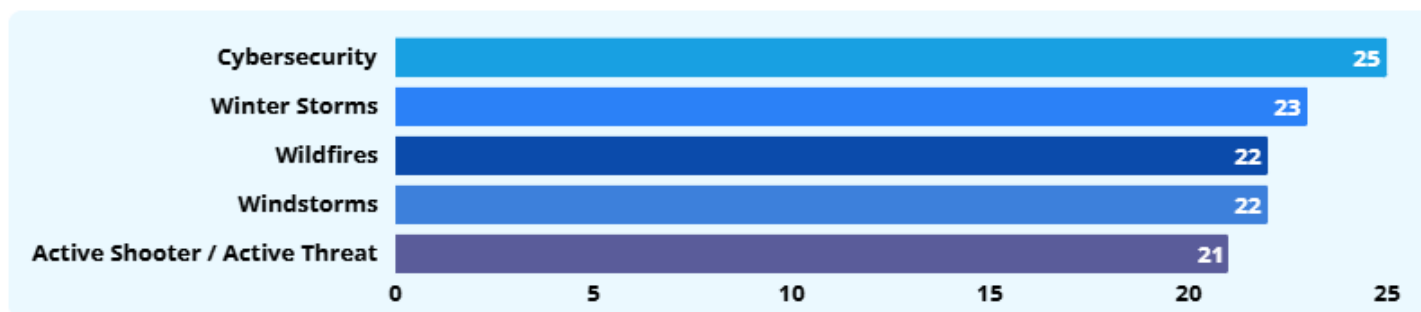


Figure 55-1: Hazard Risk Summary

JURISDICTION SUMMARY		TABLE 55-1
POPULATION SERVED	SERVICE AREA	RISK VALUE
280,921 in 5-county coverage area	7,654 sq. miles	\$30,000,000,000

### OVERVIEW

Panhandle Health District is one of seven health districts in the State of Idaho. In 1970 the Idaho Legislature recognized the value a formal health structure would provide Idaho residents and created the health districts to ensure that all Idahoans have access to local public health services. Panhandle Health District provides essential services to families, individuals, and organizations in northern Idaho from food and drinking water safety to health education, senior services, disease control and prevention, and immunizations.

Panhandle Health District is overseen by a seven-member Board of Health that represents Benewah, Bonner, Boundary, Kootenai, and Shoshone counties. Board members are appointed by the County Commissioners and must reside within the boundaries of the public health district. The Board will assume responsibility for the adoption of the plan; the Public Health Emergency Preparedness program under the Environmental & Health Protection Division will oversee its implementation.

## SERVICE AREA AND TRENDS

The demand for public health services continues to grow with increasing population and development.

## ASSETS

The following table summarizes the critical assets of the District:

*Panhandle Health District has opted to not include asset values for security purposes.*

DISTRICT ASSETS		TABLE 55-2
ASSET		VALUE
<b>PROPERTY</b>		
Facilities located in Benewah, Bonner, Boundary, Kootenai and Shoshone counties are situated on land owned by Panhandle Health District with a combined total of four parcels and 8.83 acres. The Shoshone facility is leased from Silver Mountain Properties.		
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>		
Building contents, equipment, and supplies (all 5 buildings)		-
Vehicles (47)		-
Trailers (2)		-
<b>CRITICAL FACILITIES</b>		
Benewah County, 137 N 8th Street, St. Maries, ID		-
Bonner County, 2101 W. Pine Street, Sandpoint, ID		-
Boundary County, 7402 Caribou Street, Bonners Ferry, ID		-
Kootenai County, 8500 N Atlas Road, Hayden, ID		-
Shoshone County, 35 Wildcat Way, Kellogg, ID		-

## REGULATIONS AND PLANS

“Public Health Districts,” charges district boards of health to “do all things required for the preservation and protection of the public health and preventive health.” ( Idaho Code, Title 39, Chapter 4).

The Idaho Emergency Operations Plan states, Public Health Districts are to “maintain protocols and procedures at the local level to respond to infectious disease outbreaks, bioterrorism, natural disasters, and other local public health threats and emergencies”. County Emergency Operations Plans state that Panhandle Health District will assume primary responsibility for county support during a major health emergency.

“Panhandle Health District’s All-Hazards Preparedness and Response Plan” has been adopted to minimize illness, loss of life, and impact on the community due to a bioterrorism event, infectious disease outbreak, or other significant health emergency that overwhelms routine public health and medical support services.

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction's classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS		TABLE 55-2		
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED	
Community Rating System	-	-	-	
Building Code Effectiveness Grading Schedule	-	-	-	
Public Protection	-	-	-	
StormReady	-	-	-	
FireSmart	-	-	-	

## JURISDICTION SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS		TABLE 55-3		
TYPE OF EVENT	FEMA DISASTER # (if applicable)	DATE	PRELIMINARY DAMAGE ASSESSMENT	
Flooding	DR-1987	05/20/2011	-	
Flooding	DR-1781	07/31/2010	-	
Flooding	DR-1177	06/13/1997	-	
Severe Storms/Flooding	DR-1154	01/04/1997	-	
Storms/Flooding	DR-1102	02/11/1996	-	
Volcanic Eruption	DR-624	05/22/1980	-	
Flooding	DR-415	01/25/1974	-	

## COMMUNITY CHALLENGES

- Funding for Cybersecurity Training and Protection
- Hardening Utilities for Cybersecurity and Weather
- Politics in Public Health

**HAZARD RISK RANKING**

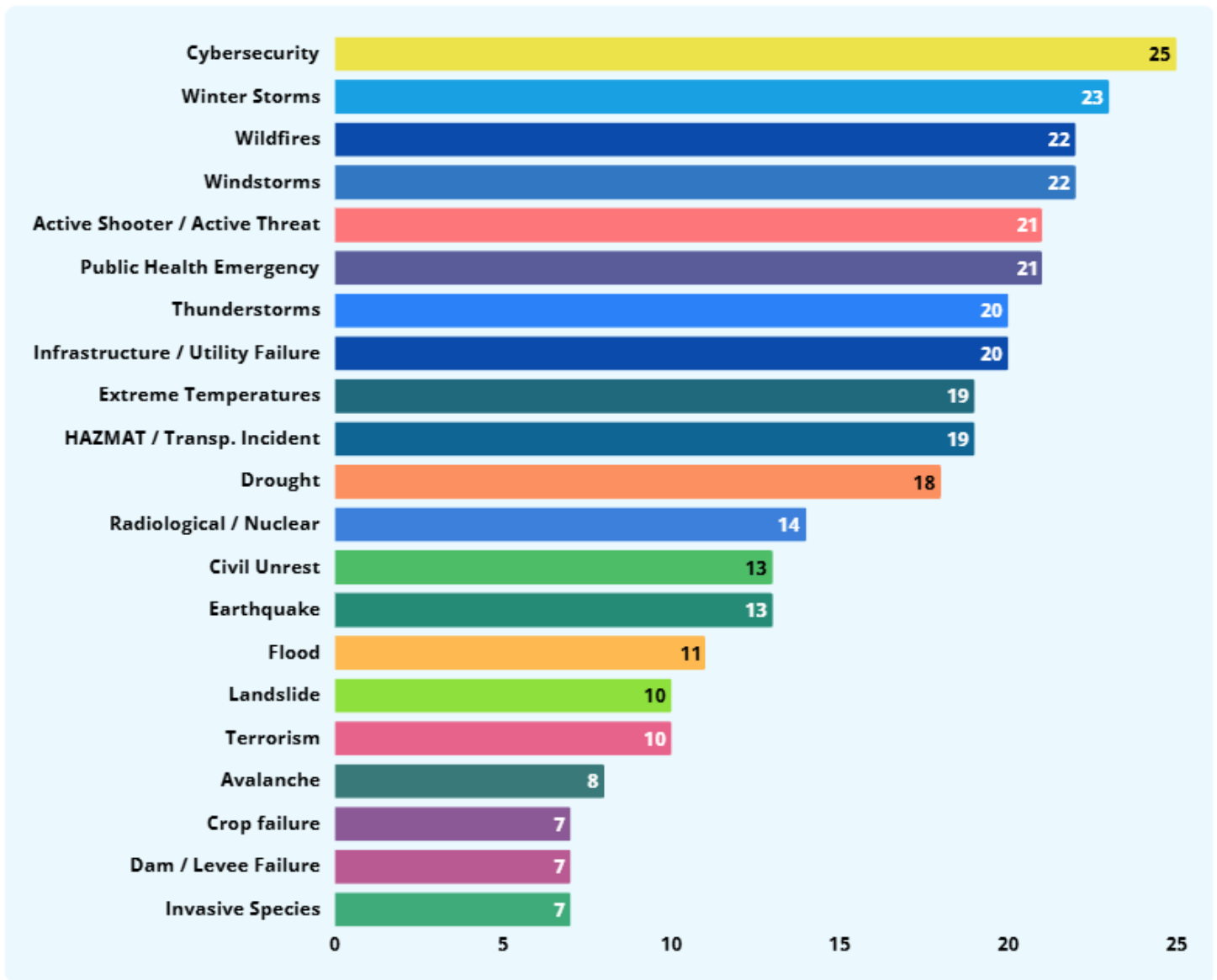


Figure 55-2 Hazard Risk Ranking Chart for Panhandle Health District

## MITIGATION ACTION PLAN

Table 55-4 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				TABLE 55-4
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS
PHD-1			X	
PHD-2			X	

Table 55-5 lists the initiatives that make up the Panhandle Health District hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the action number). Table 55-6 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX							TABLE 55-5
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE	
<b>PHD – 1*</b>	<i>*NEW* Train staff members and volunteers on proper cybersecurity procedures. Limit admin permissions to IT personnel. Maintain off network systems that can be used if needed. Use contracted IT services to restore servers, purchase new equipment, and purchase new services.</i>						
	<b>Cybersecurity</b>	<b>1, 3, 4, 5, 6</b>	<b>PHD</b>	<b>UNKNOWN</b>	<b>LOCAL, CDC GRANTS</b>	<b>SHORT TERM</b>	
<b>PHD – 2*</b>	<i>*NEW* Inform and educate the public on the hazards of winter weather. Educate the public on safe driving and what supplies to keep in their car. Educate public on how to safely consume food and water without utilities. Educate the public on how to properly dress to stay warm in extreme cold.</i>						
	<b>Severe Weather, Public Health</b>	<b>1, 3, 5</b>	<b>PHD</b>	<b>\$12,000</b>	<b>LOCAL, CDC GRANTS</b>	<b>SHORT TERM</b>	
<b>PHD – 3*</b>	<i>*NEW* Educate the public on ways to filter air when outside and using HVAC system, to keep smoke out of their home. Educate the public on how to live without utilities for up to 3 days. Educate the public on how to track wildfires and evacuation procedures. Educate the public on Go – Bags and how to “FireWise” structures.</i>						
	<b>Wildfires, Public Health</b>	<b>1, 3, 5</b>	<b>PHD</b>	<b>\$12,000</b>	<b>LOCAL, CDC GRANTS</b>	<b>SHORT TERM</b>	
<b>PHD – 4*</b>	<i>*NEW* Educate public on dangers of falling objects/trees. Educate public on how to track and evacuate from fires. Educate public on ways to avoid smoke and how to filter air.</i>						
	<b>Windstorms, Wildfires</b>	<b>1, 3, 5</b>	<b>PHD</b>	<b>\$12,000</b>	<b>LOCAL, CDC GRANTS</b>	<b>SHORT TERM</b>	
<b>PHD – 5*</b>	<i>*NEW* Educate the public on health dangers and how to avoid / prevent them. Educate the public on mitigation options. Plan and prepare for medical countermeasures to include POD / POVs, movement of CHEMPACK and SNs. Provide medical surge support to hospitals and clinics.</i>						
	<b>HAZMAT, Public Health</b>	<b>1, 3, 5</b>	<b>PHD</b>	<b>\$280,000</b>	<b>LOCAL, CDC GRANTS</b>	<b>SHORT TERM</b>	
<b>PHD – 6*</b>	<i>*NEW* Deliver targeted outreach to rural residents on flood risks, private well protection and boil order information, private septic protection and recovery information, and safe re-entry and cleanup practices following flood events to reduce waterborne illness and injury in conjunction with the Idaho Department of Environmental Quality. Educate residents and partner organizations on stockpiling and recommend actions required to survive with limited or no access to power, transportation, or emergency services for extended periods.</i>						
	<b>Flooding</b>	<b>1, 3, 5</b>	<b>PHD</b>	<b>LOW</b>	<b>LOCAL, CDC GRANTS</b>	<b>SHORT TERM</b>	

## HAZARD MITIGATION PLAN MATRIX

TABLE 55-5

ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
PHD – 7*	<i>*NEW* Educate rural landowners on actions needed when landslides impact private wells and/or septic systems. Educate residents and partner organizations on stockpiling and recommend actions required to survive with limited or no access to power, transportation, or emergency services for extended periods.</i>					
	Landslide	1, 3, 5	PHD	LOW	LOCAL, CDC GRANTS	SHORT TERM
PHD – 8*	<i>*NEW* Provide seasonal avalanche awareness education via external messaging for jurisdictional residents. Educate Access and Functional Needs populations on stockpiling and recommend actions required to survive with limited or no access to power, transportation, or emergency services for extended periods. Educate residents and partner organizations on stockpiling and recommend actions required to survive with limited or no access to power, transportation, or emergency services for extended periods.</i>					
	Avalanche	1, 3, 5	PHD	LOW	LOCAL, CDC GRANTS	SHORT TERM
PHD – 9*	<i>*NEW* Provide seasonal education and awareness to targeted populations using external messaging.</i>					
	Drought	1, 3, 5	PHD	LOW	LOCAL, CDC GRANTS	SHORT TERM
PHD – 10*	<i>*NEW* Promote earthquake preparedness education for households, including securing home hazards, maintaining access to medications, and planning for delayed emergency response times.</i>					
	Earthquake	1, 3, 5	PHD	LOW	LOCAL, CDC GRANTS	SHORT TERM

## MITIGATION STRATEGY PRIORITY SCHEDULE

TABLE 55-6

ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
PHD – 1*	High	5	Unknown	Medium	-
PHD – 2*	High	3	Medium	Medium	Equals
PHD – 3*	High	3	Medium	Medium	Equals
PHD – 4*	High	3	Medium	Medium	Equals
PHD – 5*	Medium	5	High	High	Equals
PHD – 6*	High	3	Low	Low	Equals
PHD – 7*	Medium	3	Low	Low	Equals
PHD – 8*	Medium	3	Low	Low	Equals
PHD – 9*	Low	3	Low	Low	Equals
PHD – 10*	Low	3	Low	Low	Equals

See the introduction to this Volume for explanation of priorities.

## APPENDICES



## APPENDIX 2-A: ACRONYMS AND ABBREVIATIONS

- **AHMP** – All Hazard Mitigation Plan
- **CDC** – Centers for Disease Control and Prevention
- **CERT** – Citizens Emergency Response Team
- **CFR** – Code of Federal Regulations
- **CHEMPACK** – Chemical Countermeasure Pack (medical countermeasures program)
- **COOP** – Continuity of Operations Plan
- **CRS** – Community Rating System
- **CWPP** – Community Wildfire Protection Plan
- **DMA** – Disaster Mitigation Act
- **EMPG** – Emergency Management Performance Grant
- **EMT** – Emergency Medical Technician
- **EPA** – U.S. Environmental Protection Agency
- **FEMA** – Federal Emergency Management Agency
- **GIS** – Geographic Information System
- **HMGP** – Hazard Mitigation Grant Program
- **HOA** – Homeowners Association
- **HVAC** – Heating, Ventilation, and Air Conditioning
- **IBC** – International Building Code
- **ICS** – Incident Command System
- **IOEM** – Idaho Office of Emergency Management
- **KCOEM** – Kootenai County Office of Emergency Management
- **KTEC** – Kootenai Technical Education Campus
- **LIDAR** – Light Detection and Ranging
- **MOU** – Memorandum of Understanding
- **MSDS** – Material Safety Data Sheets
- **NFIP** – National Flood Insurance Program
- **NFPA** – National Fire Protection Association
- **NIC** – North Idaho College
- **NOAA** – National Oceanic and Atmospheric Administration
- **PDM** – Pre-Disaster Mitigation (Grant Program)
- **POD / POV** – Point of Distribution / Point of Vaccination
- **RFA** – Rural Fire Assistance program
- **SNs** – Special Needs (populations with access and functional needs)
- **SW Fund** – Surface Water Fund
- **WUI** – Wildland Urban Interface

## APPENDIX 2-B: JURISDICTIONAL ANNEX TEMPLATES AND GUIDANCE

### HANDOUT: Jurisdictional Meeting #1

Kootenai County Multi Jurisdiction All Hazard Mitigation Plan

### Jurisdiction Critical Infrastructure and Challenges

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Jurisdiction: \_\_\_\_\_

#### What Critical Infrastructure and assets that vital to your community?

*Critical Infrastructure: essential assets, systems, and networks that are vital for the functioning of a society and economy, and whose disruption would have a significant impact on public safety, security, or economic stability.*

Associated Lifeline	Top Assets and Critical Infrastructure

#### Sample Responses

<ul style="list-style-type: none"> <li>• Water, Wastewater, Electric Utility (<i>Water Systems</i>)</li> <li>• Fire/EMS/Police/ 911 system (<i>Communications/ Safety &amp; Security, Health &amp; Medical</i>)</li> </ul>	<ul style="list-style-type: none"> <li>• Local railroad lines, public transit, roadways, airport (<i>Transportation</i>)</li> <li>• Energy Company (<i>Energy</i>)</li> </ul>
--	---































#### What are the **top challenges** your community faces

Our Community's Biggest Challenges	

#### Sample Responses

<ul style="list-style-type: none"> <li>• Population growth</li> <li>• Underdeveloped water infrastructure</li> <li>• Lack of funding for capital improvements</li> <li>• Accessibility challenges (i.e., limited sight, hearing, or mobility)</li> </ul>	<ul style="list-style-type: none"> <li>• Equipment and replacement parts due to delayed manufacturing, hard to get. Not in a timely manner</li> <li>• Workforce challenges (affordable housing)</li> <li>• Legislative changes that impact operations</li> </ul>
--	--

# FEMA's Community Lifelines

							
Law Enforcement/ Security	Food	Medical Care	Power (Grid)	Infrastructure	Highway/Roadway	Facilities	Potable Water Infrastructure
							
Fire Services	Hydration	Patient Movement	Fuel	Alerts, Warnings, and Messages	Mass Transit	HAZMAT, Pollutants, Contaminants	Wastewater Management
							
Search and Rescue	Shelter	Public Health	911 and Dispatch	Railway	Aviation	Government Services	Community Safety
							
Agriculture	Fatality Management	Medical Supply Chain	Responder Communications	Finance	Maritime		

## HANDOUT: Jurisdictional Meeting #1

### Risk Analysis Methodology

#### 1. Hazard Identification

List the natural hazards that affect the area, such as floods, wildfires, earthquakes, etc.

#### 2. Collect Data

Gather data for each hazard in the following categories:

- **Perceived Risk:** How concerned are the public and local stakeholders about the hazard?
- **Historical Occurrence:** How often has this hazard occurred in the past?
- **Probability of Occurrence:** What is the likelihood that the hazard will occur in the future?
- **Property Exposed:** How much property (homes, infrastructure) could be impacted?
- **Population Exposed:** How many people are at risk?

#### 3. Rating Factor

For each hazard, rate the factors on a scale of 1 to 5 (1 = low risk, 5 = high risk). Here's a basic guide:

- **Perceived Risk:**
  - 1: Low concern, 5: High concern
- **Historical Occurrence:**
  - 1: No past occurrences, 5: Frequent occurrences
- **Probability of Occurrence:**
  - 1: Unlikely, 5: Very likely
- **Property Exposed:**
  - 1: Low exposure, 5: High exposure
- **Population Exposed:**
  - 1: Low exposure, 5: High exposure

#### 4. Calculate Risk Score

Add the ratings for each factor to get an overall risk score for each hazard.

For example, if a hazard has the following ratings:

- Perceived Risk: 4
- Historical Occurrence: 3
- Probability of Occurrence: 4
- Property Exposed: 5
- Population Exposed: 4

Total score = 4 + 3 + 4 + 5 + 4 = 20 (out of 25)

**Historical Occurrence**

Rating	Description	Number of Historical Occurrences (within 50 years)
1	None	Never Occurred
2	Low	1-3 Occurrences
3	Medium	4-7 Occurrences
4	High	8-9 Occurrences
5	Extreme	10+ Occurrences

**Probability of Occurrence**

Rating	Description	Number of Historical Occurrences (within 50 years)
1	Rare	One or less event in the next 50 years
2	Low	Chance of occurrence in the next 25-50 years
3	Medium	Chance of occurrence in the next 10-25 years
4	High	Chance of occurrence in the next 1-10 years
5	Extreme	Chance of occurrence in the next 1-5 years

**Property Exposed**

Rating	Description	Number of Historical Occurrences (within 50 years)
1	Negligible	Less than 10%
2	Limited	10% - 25%
3	Significant	25% - 50%
4	Critical	50% - 75%
5	Catastrophic	Most, if not all the County is exposed

**Population Exposed**

Rating	Description	Number of Historical Occurrences (within 50 years)
1	Negligible	Less than 5%
2	Limited	5%-10%
3	Significant	10%-25%
4	Critical	25%-50%
5	Catastrophic	More than 50%

**Jurisdictional Threats & Hazards Survey**

## HANDOUT: Jurisdictional Meeting #2

Each jurisdiction was presented with their individual risk assessments, mitigation initiatives to review and update from the 2020 update process, and this handout to identify new mitigation projects.

Return this worksheet to KCOEM at the end of the Mitigation Strategy Workshop. If your jurisdiction needs more time, please provide a date you will return the worksheet (within the next 2 weeks) to KCOEM

Jurisdiction: \_\_\_\_\_

**Instructions:** Refer to the information gathered to date from the risk assessment, and other input you have received from the public or other staff.

**YOU MUST IDENTIFY A MINIMUM OF (5) MITIGATION ITEMS**  
*(try to focus on hazards ranked higher on your risk assessment)*

Hazard 1	Hazard 2	Hazard 3	Hazard 4	Hazard 5
<b>Problem Statement:</b> What hazard-related issue or vulnerability are you addressing?				
1.	2.	3.	4.	5.

<b>Proposed Solution:</b> Describe the project, policy, or strategy you propose to reduce risk (mitigation item).				

<b>Hazard(s) Addressed:</b>				
<ul style="list-style-type: none"> <li><input type="checkbox"/> ALL HAZARDS</li> <li><input type="checkbox"/> Wildfires</li> <li><input type="checkbox"/> Thunderstorms</li> <li><input type="checkbox"/> Windstorms</li> <li><input type="checkbox"/> Winter Storms</li> <li><input type="checkbox"/> HAZMAT/Transportation</li> <li><input type="checkbox"/> Utility Failure</li> <li><input type="checkbox"/> Cybersecurity</li> <li><input type="checkbox"/> Public Health</li> <li><input type="checkbox"/> Extreme Temperatures</li> <li><input type="checkbox"/> Active Shooter/Threat</li> <li><input type="checkbox"/> Flood</li> <li><input type="checkbox"/> Drought</li> <li><input type="checkbox"/> Crop failure</li> <li><input type="checkbox"/> Dam/Levee Failure</li> <li><input type="checkbox"/> Landslide</li> <li><input type="checkbox"/> Civil Unrest</li> <li><input type="checkbox"/> Earthquake</li> <li><input type="checkbox"/> Terrorism</li> <li><input type="checkbox"/> Avalanche</li> <li><input type="checkbox"/> Invasive Species</li> <li><input type="checkbox"/> Nuclear/Radiological</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> ALL HAZARDS</li> <li><input type="checkbox"/> Wildfires</li> <li><input type="checkbox"/> Thunderstorms</li> <li><input type="checkbox"/> Windstorms</li> <li><input type="checkbox"/> Winter Storms</li> <li><input type="checkbox"/> HAZMAT/Transportation</li> <li><input type="checkbox"/> Utility Failure</li> <li><input type="checkbox"/> Cybersecurity</li> <li><input type="checkbox"/> Public Health</li> <li><input type="checkbox"/> Extreme Temperatures</li> <li><input type="checkbox"/> Active Shooter/Threat</li> <li><input type="checkbox"/> Flood</li> <li><input type="checkbox"/> Drought</li> <li><input type="checkbox"/> Crop failure</li> <li><input type="checkbox"/> Dam/Levee Failure</li> <li><input type="checkbox"/> Landslide</li> <li><input type="checkbox"/> Civil Unrest</li> <li><input type="checkbox"/> Earthquake</li> <li><input type="checkbox"/> Terrorism</li> <li><input type="checkbox"/> Avalanche</li> <li><input type="checkbox"/> Invasive Species</li> <li><input type="checkbox"/> Nuclear/Radiological</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> ALL HAZARDS</li> <li><input type="checkbox"/> Wildfires</li> <li><input type="checkbox"/> Thunderstorms</li> <li><input type="checkbox"/> Windstorms</li> <li><input type="checkbox"/> Winter Storms</li> <li><input type="checkbox"/> HAZMAT/Transportation</li> <li><input type="checkbox"/> Utility Failure</li> <li><input type="checkbox"/> Cybersecurity</li> <li><input type="checkbox"/> Public Health</li> <li><input type="checkbox"/> Extreme Temperatures</li> <li><input type="checkbox"/> Active Shooter/Threat</li> <li><input type="checkbox"/> Flood</li> <li><input type="checkbox"/> Drought</li> <li><input type="checkbox"/> Crop failure</li> <li><input type="checkbox"/> Dam/Levee Failure</li> <li><input type="checkbox"/> Landslide</li> <li><input type="checkbox"/> Civil Unrest</li> <li><input type="checkbox"/> Earthquake</li> <li><input type="checkbox"/> Terrorism</li> <li><input type="checkbox"/> Avalanche</li> <li><input type="checkbox"/> Invasive Species</li> <li><input type="checkbox"/> Nuclear/Radiological</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> ALL HAZARDS</li> <li><input type="checkbox"/> Wildfires</li> <li><input type="checkbox"/> Thunderstorms</li> <li><input type="checkbox"/> Windstorms</li> <li><input type="checkbox"/> Winter Storms</li> <li><input type="checkbox"/> HAZMAT/Transp.</li> <li><input type="checkbox"/> Utility Failure</li> <li><input type="checkbox"/> Cybersecurity</li> <li><input type="checkbox"/> Public Health</li> <li><input type="checkbox"/> Extreme Temp.</li> <li><input type="checkbox"/> Active Threat</li> <li><input type="checkbox"/> Flood</li> <li><input type="checkbox"/> Drought</li> <li><input type="checkbox"/> Crop failure</li> <li><input type="checkbox"/> Dam/Levee Failure</li> <li><input type="checkbox"/> Landslide</li> <li><input type="checkbox"/> Civil Unrest</li> <li><input type="checkbox"/> Earthquake</li> <li><input type="checkbox"/> Terrorism</li> <li><input type="checkbox"/> Avalanche</li> <li><input type="checkbox"/> Invasive Species</li> <li><input type="checkbox"/> Nuclear</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> ALL HAZARDS</li> <li><input type="checkbox"/> Wildfires</li> <li><input type="checkbox"/> Thunderstorms</li> <li><input type="checkbox"/> Windstorms</li> <li><input type="checkbox"/> Winter Storms</li> <li><input type="checkbox"/> HAZMAT/Transp.</li> <li><input type="checkbox"/> Utility Failure</li> <li><input type="checkbox"/> Cybersecurity</li> <li><input type="checkbox"/> Public Health</li> <li><input type="checkbox"/> Extreme Temp.</li> <li><input type="checkbox"/> Active Threat</li> <li><input type="checkbox"/> Flood</li> <li><input type="checkbox"/> Drought</li> <li><input type="checkbox"/> Crop failure</li> <li><input type="checkbox"/> Dam/Levee Fail.</li> <li><input type="checkbox"/> Landslide</li> <li><input type="checkbox"/> Civil Unrest</li> <li><input type="checkbox"/> Earthquake</li> <li><input type="checkbox"/> Terrorism</li> <li><input type="checkbox"/> Avalanche</li> <li><input type="checkbox"/> Invasive Species</li> <li><input type="checkbox"/> Nuclear</li> </ul>

<b>MP Goal(s) Supported:</b> Which goals or objectives of the Hazard Mitigation Plan <u>does this support?</u> (can just write the number)				
<b>Priority Level</b>				
<input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	<input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	<input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	<input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low	<input type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low
<b>Lead Agency/Department</b>				
<b>Partners (if any):</b> Agencies, utilities, neighboring jurisdictions, NGOs, etc.				
<b>Estimated Cost</b>				
<b>Potential Funding Sources</b>				
<input type="checkbox"/> Local Funds <input type="checkbox"/> FEMA HMGP <input type="checkbox"/> State Grants <input type="checkbox"/> Other: <hr/> <input type="checkbox"/> Undetermined	<input type="checkbox"/> Local Funds <input type="checkbox"/> FEMA HMGP <input type="checkbox"/> State Grants <input type="checkbox"/> Other: <hr/> <input type="checkbox"/> Undetermined	<input type="checkbox"/> Local Funds <input type="checkbox"/> FEMA HMGP <input type="checkbox"/> State Grants <input type="checkbox"/> Other: <hr/> <input type="checkbox"/> Undetermined	<input type="checkbox"/> Local Funds <input type="checkbox"/> FEMA HMGP <input type="checkbox"/> State Grants <input type="checkbox"/> Other: <hr/> <input type="checkbox"/> Undetermined	<input type="checkbox"/> Local Funds <input type="checkbox"/> FEMA HMGP <input type="checkbox"/> State Grants <input type="checkbox"/> Other: <hr/> <input type="checkbox"/> Undetermined
<b>Timeline for Implementation</b>				
<input type="checkbox"/> Short-Term (0–2 yrs) <input type="checkbox"/> Medium-Term (2–5 yrs) <input type="checkbox"/> Long-Term (5+ yrs) <input type="checkbox"/> Ongoing	<input type="checkbox"/> Short-Term (0–2 yrs) <input type="checkbox"/> Medium-Term (2–5 yrs) <input type="checkbox"/> Long-Term (5+ yrs) <input type="checkbox"/> Ongoing	<input type="checkbox"/> Short-Term (0–2 yrs) <input type="checkbox"/> Medium-Term (2–5 yrs) <input type="checkbox"/> Long-Term (5+ yrs) <input type="checkbox"/> Ongoing	<input type="checkbox"/> Short-Term (0–2 yrs) <input type="checkbox"/> Medium-Term (2–5 yrs) <input type="checkbox"/> Long-Term (5+ yrs) <input type="checkbox"/> Ongoing	<input type="checkbox"/> Short-Term (0–2 yrs) <input type="checkbox"/> Medium-Term (2–5 yrs) <input type="checkbox"/> Long-Term (5+ yrs) <input type="checkbox"/> Ongoing
<b>Notes / Additional Information (Optional)</b>				

**Consider the Following When Developing Actions:****Outreach & Awareness:**

Are there gaps in public understanding of hazards? Identify any outreach or education projects to raise awareness.

**Socially Vulnerable Populations:**

What actions can help protect underserved or high-risk groups in your community?

**Backup Power for Critical Facilities**

List critical sites (e.g., fire stations, shelters) that need backup power. Include generator size or cost if known.

**Capability Gaps**

Do you need to improve local capacity through plans, ordinances, training, or equipment? Identify actions that build capability.

**Infrastructure & Lifeline Protection**

Identify essential roads, facilities, or services at risk. Suggest actions to protect or strengthen them (e.g., elevate, harden).

**Examples**

Problem	Solution	Hazard(s) Addressed
The Public Works facility, located at 123 Main Street, is identified as a critical facility and lifeline for the jurisdiction. The facility does not have a back-up generator to maintain continuity of operations during an emergency event.	The Public Works Superintendent will work alongside the jurisdictional engineer to identify the necessary capacity for an emergency generator for the Public Works facility. Once identified, Public Works will have the emergency generator installed at its facility at 123 Main Street. Public Works will be responsible for maintaining the emergency generator.	Cyber Incidents, Drought, Earthquake, Hailstorms, Tornado/Windstorm, Utility Interruption, Wildfire, Winter Storm
Officials in NFIP-participating communities are responsible for regulating all development in SFHAs by issuing permits and enforcing local floodplain requirements, including Substantial Damage, for the repairs of damaged buildings. The municipality does not have a Substantial Damage Management Plan in place, nor do they have a formal process in place when conducting substantial damage determinations.	The municipality will develop a Substantial Damage Management Plan, following the six-step planning process in 2021. Developing a Substantial Damage Management Plan. This Plan will outline responsibilities for Substantial Damage determinations, determining market value, and permit approval processes following a disaster event.	Dam Failure, Earthquake, Flood/Flash Flood/Ice Jams, Hailstorms, Subsidence/Sinkholes, Tornado/Windstorm, Wildfire, Winter Storm

**TEMPLATE: Municipal Jurisdiction Annex****MUNICIPAL JURISDICTION NAME ANNEX****HAZARD MITIGATION PLAN POINTS OF CONTACT****PRIMARY**

**Name, Title**  
**Street Address**  
**City, State, Zip**  
**Phone:**  
**Email:**

**ALTERNATE**

**Name, Title**  
**Street Address**  
**City, State, Zip**  
**Phone:**  
**Email:**

**HAZARD RISK SUMMARY**

The following chart displays the top 5 hazards for the **Municipal Jurisdiction Name**. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

**HAZARD RISK RANKING CHART ADDED FROM RISK ASSESSMENT DATA**

**JURISDICTION SUMMARY**

<b>CURRENT POPULATION</b>	<b>DATE OF INCORPORATION</b>	<b>POPULATION GROWTH</b>
<b>_____</b>	<b>_____</b>	Increased by approximately <b>____%</b>

**OVERVIEW**

*Provide a brief overview jurisdiction*

**BRIEF HISTORY**

*Provide a brief history of jurisdiction*

**GOVERNING BODY FORMAT**

*Provide a brief explanation of jurisdiction's governing body*

**DEVELOPMENT TRENDS**

*Provide a brief explanation of jurisdiction's current and future development.*

## CAPABILITY ASSESSMENT

An assessment of legal and regulatory capabilities is presented in [Table 3-1](#). An assessment of fiscal capabilities is presented in [Table 3-2](#). An assessment of administrative and technical capabilities is presented in [Table 3-3](#). Information on National Flood Insurance Program (NFIP) compliance is presented in [Table 3-4](#). Classifications under various community mitigation programs are presented in [Table 3-5](#).

<b>LEGAL AND REGULATORY CAPABILITY</b>		
<b>CODES, ORDINANCES, &amp; REQUIREMENTS</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
Building Code	Insert Code Number and Adoption Date; Other Comments	YES / NO
Zoning Code	Insert Code Number and Adoption Date; Other Comments	YES / NO
Subdivisions	Insert Code Number and Adoption Date; Other Comments	YES / NO
Stormwater Management	Insert Code Number and Adoption Date; Other Comments	YES / NO
Post-Disaster Recovery	Insert Code Number and Adoption Date; Other Comments	YES / NO
Real Estate Disclosure	Insert Code Number and Adoption Date; Other Comments	YES / NO
Growth Management	Insert Code Number and Adoption Date; Other Comments	YES / NO
Site Plan Review	Insert Code Number and Adoption Date; Other Comments	YES / NO
Public Health and Safety	Insert Code Number and Adoption Date; Other Comments	YES / NO
Environmental Protection	Insert Code Number and Adoption Date; Other Comments	YES / NO
<b>PLANNING DOCUMENTS</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
General or Comprehensive Plan <i>Is the plan equipped to provide linkage to this mitigation plan?</i>	YES / NO Insert Code and/or Plan Name and Adoption Date; Other Comments	YES / NO
Capital Improvement Plan <i>What types of capital facilities does the plan address?</i>	Insert Code and/or Plan Name and Adoption Date; Other Comments	YES / NO
<i>How often is the plan updated?</i>		
Floodplain or Basin Plan	Insert Code and/or Plan Name and Adoption Date; Other Comments	YES / NO
Stormwater Plan	Insert Code and/or Plan Name and Adoption Date; Other Comments	YES / NO
Habitat Conservation Plan	Insert Code and/or Plan Name and Adoption Date; Other Comments	YES / NO
Economic Development Plan	Insert Code and/or Plan Name and Adoption Date; Other Comments	YES / NO
Shoreline Management Plan	Insert Code and/or Plan Name and Adoption Date; Other Comments	YES / NO
Community Wildfire Protection Plan	Insert Code and/or Plan Name and Adoption Date; Other Comments	YES / NO
<b>RESPONSE/RECOVERY PLANNING</b>	<b>COMMENTS:</b>	<b>LOCAL AUTHORITY?</b>
	Insert Plan Name and Adoption Date; Other Comments	YES / NO
Comprehensive Emergency Operations Plan		
Threat & Hazard Identification & Risk Assessment	Insert Plan Name and Adoption Date; Other Comments	YES / NO
Terrorism Plan	Insert Plan Name and Adoption Date; Other Comments	YES / NO
Post-Disaster Recovery Plan	Insert Plan Name and Adoption Date; Other Comments	YES / NO
Continuity of Operations Plan	Insert Plan Name and Adoption Date; Other Comments	YES / NO
Public Health Plan	Insert Plan Name and Adoption Date; Other Comments	YES / NO

<b>FISCAL CAPABILITY</b>	
<b>FINANCIAL RESOURCES</b>	<b>ACCESSIBLE / ELIGIBLE TO USE?</b>
<i>Community Development Block Grants</i>	YES / NO
<i>Capital Improvements Project Funding</i>	YES / NO
<i>Authority to Levy Taxes for Specific Purposes</i>	YES / NO
<i>User Fees for Water, Sewer, Gas or Electric Service</i>	YES / NO
<i>Incur Debt through General Obligation Bonds</i>	YES / NO
<i>Incur Debt through Special Tax Bonds</i>	YES / NO
<i>Incur Debt through Private Activity Bonds</i>	YES / NO
<i>Withhold Public Expenditures in Hazard-Prone Areas</i>	YES / NO
<i>State-Sponsored Grant Programs</i>	YES / NO
<i>Development Impact Fees for Homebuyers or Developers</i>	YES / NO
<i>Other</i>	YES / NO

**ADMINISTRATIVE AND TECHNICAL CAPABILITY**

<b>STAFF/PERSONNEL RESOURCES</b>	<b>AVAILABLE?</b>	<b>DEPARTMENT/AGENCY/POSITION</b>
<i>Planners or engineers with knowledge of land development and land management practices</i>	YES / NO	Insert appropriate information
<i>Engineers or professionals trained in building or infrastructure construction practices</i>	YES / NO	Insert appropriate information
<i>Planners or engineers with an understanding of natural hazards</i>	YES / NO	Insert appropriate information
<i>Staff with training in benefit/cost analysis</i>	YES / NO	Insert appropriate information
<i>Surveyors</i>	YES / NO	Insert appropriate information
<i>Personnel skilled or trained in GIS applications</i>	YES / NO	Insert appropriate information
<i>Scientist familiar with natural hazards in local area</i>	YES / NO	Insert appropriate information
<i>Emergency manager</i>	YES / NO	Insert appropriate information
<i>Grant writers</i>	YES / NO	Insert appropriate information

**NATIONAL FLOOD INSURANCE PROGRAM (NFIP) COMPLIANCE**

<i>What local department is responsible for floodplain management?</i>	Insert appropriate information
<i>Who is your floodplain administrator? (department/position)</i>	Insert appropriate information
<i>Are any certified floodplain managers on staff in your jurisdiction?</i>	YES / NO
<i>What is the date of adoption of your flood damage prevention ordinance?</i>	Insert appropriate information
<i>When was the most recent Community Assistance Visit or Community Assistance Contact?</i>	Insert appropriate information
<i>Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed?</i>	YES / NO
– <i>If so, please state what they are.</i>	Insert appropriate information
<i>Do your flood hazard maps adequately address the flood risk within your jurisdiction?</i>	YES / NO
– <i>If no, please state why.</i>	Insert appropriate information
<i>Does your floodplain management staff need any assistance or training to support its floodplain management program?</i>	YES / NO
– <i>If so, what type of assistance/training is needed?</i>	Insert appropriate information
<i>Does your jurisdiction participate in the Community Rating System (CRS)?</i>	YES / NO
– <i>If so, is your jurisdiction seeking to improve its CRS Classification?</i>	YES / NO
– <i>If not, is your jurisdiction interested in joining the CRS program?</i>	YES / NO

COMMUNITY CLASSIFICATIONS			
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	YES / NO	___	Date
Building Code Effectiveness Grading Schedule	YES / NO	___	Date
Public Protection - Fire Insurance Rating.	YES / NO	___	Date
Storm Ready	YES / NO	___	Date
Firewise	YES / NO	___	Date

### JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

Table 3-6 lists notable occurrences of natural hazards specifically recorded within the jurisdiction by the National Oceanic Atmospheric Administration. Information regarding hazards incidents impacting the entire county can be found in Volume 1 of this plan.

NATURAL HAZARD EVENTS			
TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
Insert Event Type	___	Date	\$ ___
Insert Event Type	___	Date	\$ ___
Insert Event Type	___	Date	\$ ___
Insert Event Type	___	Date	\$ ___
Insert Event Type	___	Date	\$ ___
Insert Event Type	___	Date	\$ ___
Insert Event Type	___	Date	\$ ___

Repetitive loss records are as follows:

Number of FEMA-identified Repetitive-Loss Properties	#
Number of FEMA-identified Severe-Repetitive-Loss Properties	#
Number of Repetitive-Loss Properties or Severe-Repetitive-Loss Properties that have been mitigated	#

### LOCAL HAZARD CONCERNS

The following paragraphs include narrative about specific hazards within the jurisdiction that are of particular concern in local areas.

**Hazard Type:** Briefly describe the concern behind this type of hazard

## COMMUNITY CHALLENGES

- *List some challenges that are being presented in your community that may contribute to lack of mitigation project progression*
- *List some challenges that are being presented in your community that may contribute to lack of mitigation project progression*

## HAZARD RISK RANKING

HAZARD RISK RANKING CHART ADDED FROM RISK ASSESSMENT DATA

### MITIGATION ACTION PLAN

Table 19-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS

Table 19-6 lists the initiatives that make up the Jurisdiction Name hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the Action number). Table 19-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
	Description of initiative					
	Hazard	Obj. #s		\$		
	Description of initiative					
	Hazard	Obj. #s		\$		
	Description of initiative					
	Hazard	Obj. #s		\$		
	Description of initiative					
	Hazard	Obj. #s		\$		

MITIGATION STRATEGY PRIORITY SCHEDULE					
ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
		#			
		#			
		#			
		#			

a. See the introduction to this volume for explanation of priorities.

TEMPLATE: Special-Purpose District Jurisdiction Annex

## SPECIAL-PURPOSE DISTRICT NAME ANNEX

### HAZARD MITIGATION PLAN POINTS OF CONTACT

**PRIMARY**

Name, Title  
 Street Address  
 City, State, Zip  
 Phone:  
 Email:

**ALTERNATE**

Name, Title  
 Street Address  
 City, State, Zip  
 Phone:  
 Email:

### HAZARD RISK SUMMARY

The following chart displays the top 5 hazards for the **Special District's Name**. For a more comprehensive explanation, see the **Hazard Risk Ranking** section at the end of this Annex.

**HAZARD RISK RANKING CHART ADDED FROM RISK ASSESSMENT DATA**

JURISDICTION SUMMARY		
POPULATION SERVED	SERVICE AREA	RISK VALUE
_____	_____ sq. miles	\$ _____

### OVERVIEW

*Provide a brief overview district*

### SERVICE AREA AND TRENDS

*Provide a brief explanation of district's current and future trends and service area*

### ASSETS

The following table summarizes the critical assets of the District and their value:

DISTRICT ASSETS	
ASSET	VALUE
<b>PROPERTY</b>	
_____ acres	\$ _____
<b>CRITICAL INFRASTRUCTURE AND EQUIPMENT</b>	
_____	\$ _____
_____	\$ _____
<b>TOTAL:</b>	
	\$ _____
<b>CRITICAL FACILITIES</b>	
_____	\$ _____
_____	\$ _____
<b>TOTAL:</b>	
	\$ _____

## REGULATIONS AND PLANS

The following existing codes, ordinances, policies or plans are applicable to this Hazard Mitigation Plan:

- *List plan, code, or ordinance*
- *List plan, code, or ordinance*

## CLASSIFICATION IN HAZARD MITIGATION PROGRAMS

The following table presents the jurisdiction’s classifications under various hazard mitigation programs.

COMMUNITY CLASSIFICATIONS			
	PARTICIPATING?	CLASSIFICATION	DATE CLASSIFIED
Community Rating System	YES / NO	___	Date
Building Code Effectiveness Grading Schedule	YES / NO	___	Date
Public Protection - Fire Insurance Rating.	YES / NO	___	Date
Storm Ready	YES / NO	___	Date
Firewise	YES / NO	___	Date

## JURISDICTION-SPECIFIC NATURAL HAZARD EVENT HISTORY

The following table lists all past occurrences of natural hazards within the jurisdiction.

NATURAL HAZARD EVENTS			
TYPE OF EVENT	EVENT DESCRIPTION / FEMA DISASTER #	DATE	PRELIMINARY DAMAGE ASSESSMENT
Insert Event Type	___	Date	\$___
Insert Event Type	___	Date	\$___
Insert Event Type	___	Date	\$___
Insert Event Type	___	Date	\$___
Insert Event Type	___	Date	\$___
Insert Event Type	___	Date	\$___
Insert Event Type	___	Date	\$___

## LOCAL HAZARD CONCERNS

The following paragraphs include narrative about specific hazards within the jurisdiction that are of particular concern in local areas.

**Hazard Type:** *Briefly describe the concern behind this type of hazard*

## COMMUNITY CHALLENGES

- *List some challenges that are being presented in your community that may contribute to lack of mitigation project progression*
- *List some challenges that are being presented in your community that may contribute to lack of mitigation project progression*

**HAZARD RISK RANKING**

**HAZARD RISK RANKING CHART ADDED FROM RISK ASSESSMENT DATA**

### MITIGATION ACTION PLAN

Table 19-5 summarizes the initiatives that were recommended in the previous version of the Hazard Mitigation Plan and their implementation status at the time this update was prepared.

PREVIOUS ACTION PLAN IMPLEMENTATION STATUS				
ACTION #	COMPLETED	KEEP IN PLAN UPDATE	REMOVED	COMMENTS

Table 19-6 lists the initiatives that make up the District Name hazard mitigation action plan, including new mitigation initiatives (New initiatives will have \* next to the Action number). Table 19-7 identifies the priority for each initiative.

HAZARD MITIGATION PLAN MATRIX						
ACTION #	HAZARDS MITIGATED	OBJECTIVES	LEAD AGENCY	EST. COST	FUNDING SOURCE	TIMELINE
	<i>Description of initiative</i>					
	Hazard	Obj. #s		\$		
	<i>Description of initiative</i>					
	Hazard	Obj. #s		\$		
	<i>Description of initiative</i>					
	Hazard	Obj. #s		\$		
	<i>Description of initiative</i>					
	Hazard	Obj. #s		\$		

MITIGATION STRATEGY PRIORITY SCHEDULE					
ACTION #	PRIORITY	# OF OBJECTIVES MET	COST	BENEFIT	BENEFITS EQUAL OR EXCEED COSTS?
		#			
		#			
		#			
		#			
		#			

b. See the introduction to this volume for explanation of priorities.

## APPENDIX 2-C: PROCEDURES FOR LINKING TO THE HAZARD MITIGATION PLAN UPDATE

Not all eligible local governments within Kootenai County are included in the Kootenai County Hazard Mitigation Plan Update. It is assumed that some or all of these non-participating local governments may choose to “link” to the Plan at some point to gain eligibility for programs under the Federal Disaster Mitigation Act. In addition, some of the current partnership may not continue to meet eligibility requirements due to a lack of participation as prescribed by the Plan. The following “linkage” procedures define the requirements established by the Plan’s Planning Team and all planning partners for dealing with an increase or decrease in the number of planning partners linked to this Plan. It should be noted that a currently non-participating jurisdiction within the defined planning area is not obligated to link to this Plan. These jurisdictions can choose to do their own “complete” plan that addresses all required elements of 44 CFR §201.6.

### INCREASING THE PARTNERSHIP THROUGH LINKAGE

The annual time period for the linkage process will be from January 1st to January 31st during any year. Eligible linking jurisdictions are instructed to complete all of the following procedures during this time frame:

The eligible jurisdiction requests a “Linkage Package” by contacting the Point of Contact (POC) for the Plan:

**Sarah Long, Kootenai County Office of Emergency Management**

1662 W. Wyoming Ave., Hayden, Idaho 83835

Phone: (208) 446-1775

Email: kcoem@kcgov.us

The POC will provide a linkage packages that includes:

- Copy of Volume 1 and 2 of the Plan
- Planning partner’s expectations package.
- A sample “letter of intent” to link to the Hazard Mitigation Plan Update.
- A Special Purpose District or Municipal Jurisdiction template and instructions.
- Catalog of Hazard Mitigation Alternatives
- Instructions on how to request technical assistance.
- A copy of 44 CFR §201.6, which defines the federal requirements for a local hazard mitigation plan.

The new jurisdiction will be required to review both volumes of the 2026 All Hazard Multi- Jurisdiction Mitigation Plan, which includes the following key components for the planning area:

- The planning area risk assessment
- Mitigation goals and objectives
- Plan implementation and maintenance procedures
- Comprehensive review of alternatives
- County-wide initiatives.

Once this review is complete, the jurisdiction will complete its specific annex using the template and instructions provided by the POC. Technical assistance (TA) can be provided upon request and may be provided by the POC or any other resource within the Planning Partnership. The POC will determine who will provide the TA and the possible level of TA based on resources available at the time of the request.

The new jurisdiction will be required to develop a public involvement strategy that ensures the public's ability to participate in the Plan development process. At a minimum, the new jurisdiction must make an attempt to solicit public opinion on hazard mitigation at the onset of this linkage process and a minimum of one public meeting to present their draft jurisdiction specific annex for comment, prior to adoption by the governing body. The Planning Partnership will have resources available to aid in the public involvement strategy such as the Plan website. However, it will be the new jurisdiction's responsibility to implement and document this strategy for incorporation into its annex. It should be noted that the Jurisdictional Annex templates do not include a section for the description of the public process. This is because the original partnership was covered under a uniform public involvement strategy that covered the planning area described in Volume 1 of the Plan. Since new partners were not addressed by that strategy, they will have to initiate a new strategy, and add a description of that strategy to their annex. For consistency, new partners are encouraged to follow the public involvement format utilized by the initial planning effort as described in Volume 1 of the Plan.

Once their public involvement strategy is completed and they have completed their template, the new jurisdiction will submit the completed package to the POC for a pre-adoption review to ensure conformance with the Regional Plan format.

The POC will review for the following:

- Documentation of Public Involvement strategy
- Conformance of template entries with guidelines outlined in instructions
- Chosen initiatives are consistent with goals, objectives and mitigation catalog of the Planning Area Hazard Mitigation Plan Update
- A Designated point of contact
- A ranking of risk specific to the jurisdiction.

The POC may utilize members of the Hazard Mitigation Task Force or other resources to complete this review. All proposed linked annexes will be submitted to the Hazard Mitigation Task Force for review and comment prior to submittal to Idaho Office of Emergency Management (IOEM).

Plans approved and accepted by the Hazard Mitigation Task Force will be forwarded to Idaho Office of Emergency Management (IOEM) for review with a cover letter stating the forwarded Plan meets local approved plan standards and whether the Plan is submitted with local adoption or for criteria met/plan not adopted review.

IOEM will review plans for federal compliance. Non-Compliant plans are returned to the POC for correction. Compliant plans are forwarded to FEMA for review with annotation as to the adoption status.

FEMA reviews the new jurisdiction's Plan in association with the approved Plan to ensure DMA compliance. FEMA notifies new jurisdiction of results of review with copies to the POC and IOEM-approved planning authority.

New jurisdiction corrects Plan shortfalls (if necessary) and resubmits to IOEM through the approved Plan POC.

For plans with no shortfalls from the FEMA review that have not been adopted, the new jurisdiction governing authority adopts the Plan (if not already accomplished) and forwards adoption resolution to FEMA with copies to POC and IOEM.

EMA regional director notifies new jurisdiction governing authority of Plan approval as well as the POC.

The new jurisdiction Plan is then included with the regional Plan with the commitment from the new jurisdiction to participate in the ongoing Plan implementation and maintenance.

## DECREASING THE PARTNERSHIP

The eligibility afforded under this process to the planning partnership can be rescinded in two ways. First, a participating planning partner can ask to be removed from the partnership. This may be done because the partner has decided to develop its own plan or has identified a different planning process for which it can gain eligibility. A partner that wishes to voluntarily leave the partnership shall inform the POC of this desire in writing. This notification can occur any time during the calendar year. A jurisdiction wishing to pursue this avenue is advised to make sure that it is eligible under the new planning effort, to avoid any period of being out of compliance with the Disaster Mitigation Act.

After receiving this notification, the POC shall immediately notify the Hazard Mitigation Task Force and both IOEM and FEMA in writing that the partner in question is no longer covered by the 2026 Multi-Jurisdictional All Hazard Mitigation Plan, and that the eligibility afforded that partner under this Plan should be rescinded based on this notification.

The second way a partner can be removed from the partnership is by failure to meet the participation requirements specified in the Planning Partner Expectations or the plan maintenance and implementation procedures specified in Volume 1 of the Plan. Each partner agreed to these terms by adopting the Plan.

Eligibility status of the planning partnership will be monitored by the POC. The determination of whether a partner is meeting its participation requirements will be based on the following parameters:

- Are progress reports being submitted annually by the specified time frames?
- Are partners notifying the POC of changes in designated points of contact?
- Are the partners supporting the Hazard Mitigation Task Force by attending designated meetings or responding to needs identified by the body?
- Are the partners continuing to be supportive as specified in the Planning Partners expectations package provided to them at the beginning of the process?

Participation in the Plan does not end with plan approval. This partnership was formed on the premise that a group of planning partners would pool resources and work together to strive to reduce risk within the planning area. Failure to support this premise lessens the effectiveness of this effort. The following procedures will be followed to remove a partner due to the lack of participation:

- The POC will notify the Hazard Mitigation Task Force of the pending action and provide justification, such as repeated missed reports, absence from required meetings, inaction on the partner's plan, or inability to contact the POC after at least five attempts.
- The Hazard Mitigation Task Force will review information provided by POC, and determine action by a vote. The Hazard Mitigation Task Force will invoke the voting process established in the ground rules established during the formation of this body.
- Once the Hazard Mitigation Task Force has approved an action, the POC will notify the planning partner of the pending action in writing via certified mail. This notification will outline the grounds for the action and ask the partner if it is their desire to remain as a partner. This notification shall also clearly identify the ramifications of removal from the partnership. The partner will be given 30 days to respond to the notification.
- Confirmation by the partner that they no longer wish to participate or failure to respond to the notification shall trigger the procedures for voluntary removal discussed above.
- If the partner wishes to remain, they must submit an action plan addressing the POC's concerns. The Hazard Mitigation Task Force will review it and, if approved, the partner will remain with no further action needed.
- Automatic removal from the partnership may be implemented for partners where these actions have to be initiated more than once in a 5-year planning cycle.

## **APPENDIX 2-D: FEMA APPROVALS AND PLANNING PARTNER ADOPTION RESOLUTIONS**

*Will be updated as resolutions are received.*

**RESOLUTION 2026-18**  
**ADOPTION OF THE MULTI-JURISDICTIONAL ALL HAZARD MITIGATION**  
**PLAN/ BOARD OF COMMISSIONERS OF KOOTENAI COUNTY**

**WHEREAS**, an All Hazard Mitigation Plan reduces risks from hazards and serves as a guide for decision makers committing resources to reducing the effects of hazards; and, pursuant to 44 C.F.R. 201.6, such a Plan serves as the basis for provision of technical assistance and prioritizing of project funding; and

**WHEREAS**, the 2026 Kootenai County Multi-Jurisdictional All Hazard Mitigation Plan was drafted by the Kootenai County Office of Emergency Management with the help of the Kootenai County Local Emergency Planning Committee (LEPC), local municipalities, agencies, and special purpose districts; and,

**WHEREAS**, the 2026 Kootenai County Multi-Jurisdictional All Hazard Mitigation Plan has been subjected to a pre-adoption review by the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA), has been found to successfully contain the required criteria as outlined in 44 C.F.R. 201, and, upon adoption by the Kootenai County Board of Commissioners, other municipalities, agencies, and special purpose districts, respectively, the Plan will be submitted for formal adoption by FEMA;

**NOW THEREFORE, IT IS HEREBY RESOLVED** by the Board of County Commissioners of Kootenai County, Idaho, that the Multi-Jurisdictional All Hazard Mitigation Plan be, and hereby is, adopted.

Upon a motion to adopt the text of the foregoing Resolution made by Commissioner Eberlein, seconded by Commissioner Duncan, the following vote was recorded:

Commissioner Eberlein: Aye  
Commissioner Duncan: Aye  
Chairman Mattare: Excused

Upon said roll call, the text of the foregoing was duly enacted as a Resolution of the Board of Commissioners of Kootenai County, Idaho on the 10<sup>th</sup> day of February, 2026.

Dated this 10<sup>th</sup> day of February, 2026

KOOTENAI COUNTY  
BOARD OF COMMISSIONERS



Leslie Duncan, Commissioner - Signed 2/10/2026



Marc Eberlein, Commissioner - Signed 2/10/2026

ATTEST:  
JENNIFER LOCKE, CLERK



Teri Johnston, Deputy Clerk - Signed 2/10/2026

