

September 19, 2019

RE: Summit County Multi-Hazard Mitigation Plan Update

Summit County is beginning the process of updating our multi-hazard mitigation plan approved in 2013. The purpose of this plan is to reduce or eliminate long-term risk to the people and property of Summit County from the effects of natural and certain man-made hazard events. The Disaster Mitigation Act (DMA) of 2000 requires all local governments to assess their risks to natural hazards and identify actions that can be taken in advance to reduce future losses. The DMA 2000 also requires that local mitigation plans be updated every five years and the Summit County plan is due for a revision.

The Summit County Office of Emergency Management has taken the lead in developing this plan update. The County has hired a consultant, Wood Environment and Infrastructure Solutions Inc., to manage the planning project. Wood will facilitate the planning process, collect the necessary data, and perform other technical services, including updating the risk assessment and plan document. However, Summit County Emergency Management and Wood will need your help to successfully complete this project.

The hazard mitigation planning process is heavily dependent on the participation of representatives from local government agencies and departments, the public, and other stakeholder groups. A Hazard Mitigation Planning Committee will be reformed to support this project and will include representatives from the County, its communities, special districts, and other local, state, and federal agencies in or that serve Summit County.

Your organization's participation on the committee is requested due to your jurisdictional need for inclusion in the County Plan, and/or your ability to contribute needed information, technical knowledge, or other valuable experience to the plan update. Please designate a representative to serve on the committee and attend the kickoff meeting, which will discuss the benefits of developing a hazard mitigation plan, the project schedule, and the hazards that affect Summit County such as wildfire, flooding, drought, winter storms, and others.

**Summit County Multi-Hazard Mitigation Plan Update Kickoff Meeting**  
**Wednesday, October 3, 2019**  
**10:00 am-12:00 pm**  
**Breckenridge Library, 103 S. Harris St., Breckenridge 80424**

Please respond as to whether or not you or your representative will be able to attend the kickoff meeting via email to [Brian.Bovaird@summitcountyco.gov](mailto:Brian.Bovaird@summitcountyco.gov). Thank you for your early attention and response to this important project. I look forward to seeing you on October 3.

Sincerely,



Brian Bovaird  
Director of Emergency Management  
Summit County, Colorado

**From:** Brian Bovaird <Brian.Bovaird@summitcountyco.gov>  
**Sent:** Tuesday, October 01, 2019 11:04 AM  
**To:** Aaron Byrne; Ali Richards (alisonrichards@fs.fed.us); Bec Bale (bbale@coppercolorado.com); Becky Franco; Bill Jackson (wfjackson@fs.fed.us); Birch Barron (birch.barron@eaglecounty.us); Brian Lorch; Brislawn, Jeff P; Bruce Farrell; Bryan Webinger; Cailee Hamm - Lake County OEM (lakecountyoe@gmail.com); Chris Shelden (cshel@silverthorne.org); Chuck Clause - Snake River WWTP (Other Fax); Dan Hendershott; Dan Schroder (dan.schroder@colostate.edu); Dana Miller; David Askeland (daskeland@coloradomtn.edu); David Paradysz (dparadysz@vailresorts.com); Deborah Polich; dianem@townoffrisco.com; Don Reimer; Doozie Martin (doozie@fdrd.org); Drew Adkins; Ellen Reid (ereid@keystonescienceschool.org); Ethan Greene (ethan.greene@state.co.us); Flenniken, Kelly; Fritz Homann (william.homann@state.co.us); Howard Bailey (HBailey@usbr.gov); Howard Hallman (future1946@yahoo.com); James Donlon; James Phelps (jamesp@townofbreckenridge.com); Jared Rapp (jared.rapp@state.co.us); Jay Nelson; Jeanne Bistranin (jeanne@summitfoundation.org); Jeff Berino; Jeff Goble (jeffg@townoffrisco.com); Jeff Leigh - Mesa Cortina Water and Sewer District; Jeff Zimmerman; Jeffrey Huntley; Jen Schenk (jenschenk@hichcountryconservationcenter.org); jhall@summitfire.org (jhall@summitfire.org); Jim Curnutte; John Blackwell (john.blackwell@denverwater.org); Judi LaPoint - Summit Chamber of Commerce (Judi@summitchamber.org); julie.mccluskie.house@state.co.us; Kathie Atencio (atencio.kathie@epa.gov); Kathleen Krebs (kkrebs@co.clear-creek.co.us); Kevin Houck (kevin.houck@state.co.us); Mark W Thompson (markw.thompson@state.co.us); Mark Watson; Matt Willitts; mayorzuma@gmail.com; 'Michelle Eddy'; Nancy Kerry (nancyk@townoffrisco.com); Patricia Gavelda (patricia.gavelda@state.co.us); Rick Speer; rickh@townofbreckenridge.com; Robert Jacobs; Ryan Hyland; Sarah Vaine; Scott Hill; Scott O'Brien; Scott Reid; Shellie Duplan; Susan Alexander (sjalexander@csu.org); Tamara Drangstveit (TamaraD@summitfirc.org); Tara Gourdin; Tom Daugherty (tdaugherty@silverthorne.org); Tom Gosiorowski; Tom Oberheide; Tony Cammarata (tonyc@a-basin.net); Treste Huse - NOAA Federal; Troy Wineland; Vale, Chuck

**Subject:** Thursday Meeting and Agenda  
**Attachments:** Summit County HMPC Kickoff Meeting Agenda\_100319.pdf

Good afternoon,

This is a friendly reminder that we will be having our Mitigation Plan Update Kickoff Meeting this Thursday from 10am – 12pm at the Breckenridge Library, located at 103 Harris Street. Attached is an agenda and please let me know if you have any questions or concerns.

Respectfully,  
Brian

**Brian Bovaird M.A., CEM**  
**Director**

[Summit County Office of Emergency Management](#)

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# Summit County Hazard Mitigation Plan Update Kickoff Meeting Agenda

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**Date:** Thursday, October 3, 2019  
10:00 am-12:00 pm MDT

**Meeting at:** Breckenridge Library  
103 Harris St.,  
Breckenridge, CO 80424

**Project:** Summit County Multi-Hazard Mitigation Plan Update

## **Subject/Purpose**

The purpose of the meeting is to initiate the process for updating the County's Hazard Mitigation Plan (HMP), introduce the Disaster Mitigation Act of 2000, and summarize the hazard mitigation planning process. The HMP is intended to identify hazards, assets at risk, and ways to reduce impacts through long-term sustainable mitigation projects.

**Attendees:** Summit County Hazard Mitigation Planning Committee and Stakeholders

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1. Introductions
2. Mitigation, Mitigation Planning, and the Disaster Mitigation Act Requirements
3. The Role of the Hazard Mitigation Planning Committee (HMPC)
4. Overview of the 2013 Summit County Multi-Hazard Mitigation Plan
5. Objectives and Schedule for HMP Update
6. Review of Identified Hazards
7. Coordinating with Other Agencies, Related Planning Efforts, and Recent Studies
8. Planning for Public Involvement
9. Initial Information Needs
10. Questions and Answers



Summit County Hazard Mitigation Planning Team Kickoff Meeting Breckenridge, CO 10/3/2019 10:00am-noon

NAME	POSITION or Title	Jurisdiction/Agency/ Department	EMAIL	PHONE	Total Miles <small>Roundtrip</small>	Total Hours (including Travel)
REBECCA FRANCO	Mngrof EM	Denver Water	rebecca.franco@denverwater.org	3.250.1575	156.6	5 hrs
ANDREW DANDY	Director of EO	Keystone Sci. sch.	a.dandy@keystone-science-school.org			
Deborah Polich	Admin	Dillon Valley Dist.	Xprt Admin@comcast.net	970.668.5500	20	3 hrs
Matt Willits	Operations	multiple Agencies	mwillits@wsicdodge.com	970-390-8615	20	
Addison Canino	Asst. Director	Frisco Public Works	addisons@townoffrisco.com	970.331.6632		.5
Don Reimer	Planning Director	Summit Cty	don.reimer@summit-county.co.gov	970.684.2020	20	2

Meeting Room Cost \_\_\_\_\_ Meeting Supplies (copies ) Etc Cost \_\_\_\_\_

10

Summit County Hazard Mitigation Planning Team Kickoff Meeting Breckenridge, CO 10/3/2019 10:00am-noon

NAME	POSITION or Title	Jurisdiction/Agency/ Department	EMAIL	PHONE	Total Miles	Total Hours (including Travel)
Jeff Berino	Fire Chief	SFE	jberino@summitfire.org		20	3
Bryce Farrell	Dep. Chief	SFE	bfarrell@summitfire.co		20	3
Brian Boraired	Emergency Manager	SCOEM	brian.boraired@summitco	970-485-5339	N/A	N/A
Michelle Edas	Town Manager	Blue River	michelle@townofblueriver.org	970-547-0415	3	-
Jay Nelson	Dep. Chief	RWB	jnelson@rwbfire.org	970-453-2444	15	
Tanya Power	Director	TDF	Tanya@summitfoundation.org	970-389-4979	N/A	2
Bill Gibson	Interim Community Development Director	Town of Frisco	billg@townoffrisco.com	970-668-9121	15	2.5
Tom Oberheide	Administrator	EAST DILLON WATER HAMILTON CREEK MESA	admin@eastdillon.com	970-468-6256		
Eric White	Fuels Specialist	USFS	eric.white@usda.gov	970-262-3489		
Bill Jackson	District Ranger	US Forest Service	william.jackson@usda.gov	970-389-2460	25	2

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Summit County Hazard Mitigation Planning Team Kickoff Meeting Breckenridge, CO 10/3/2019 10:00am-noon

NAME	POSITION or Title	Jurisdiction/Agency/ Department	EMAIL	PHONE	Total Miles	Total Hours (including Travel)
J Scott Marr	Asst. Dean	Colorado Mtn. College	j.marr@coloradomtn.edu	970-999-1518	3	10 min.
SCOTT O'BRIEN	PWD	TOWN OF BILLON	scotto@townofbillon.com	(970) 262-3408	30	1 HR
Shelli Dupla	Manager	BMMO	shelli@bmm.org	970-513-1300	30	3
JEFF LEIGH	MGR	MESA CONTINA	JEFFRLEIGH@GMAIL	970-389-0109	50	3 1/2
John Blackwell	MGR	Denver Water		970-389-1691	10	20 min
Drew Adkins	COO	Summit Schools	drew.adkins@summit.k12.org	368-1003		
John Hall	Piv chief	Summit Fire & EMS	jhall@summitfire.org	970-668-4330		
Tom Gosiorowski	Pub Works Director	Summit County	tom.gosiorowski@summitcounty.co.gov	970-471-2132	108	2.5 hrs
JEFF ZIMMERMAN	SP DIR MOUNTAIN OPS	BRECKENRIDGE SKI RESORT	JEFFZEVA@RESORTS.COM	970-331-1804	1	2
David Paradysz	H&S Manager	Keystone Ski Resort	dparadysz@vailresorts.com	530-318-2568	15 miles	30 min
JARED RAPP	CAPTAIN	COLORADO STATE PATROL	jared.rapp@state.co.us	970-903-2523	20	1.5
Dan Schroder	CSU Extension Director - Summit	Summit County Community Development	dan.schroder@colorado.state.edu	970-668-4140	20	.5

Meeting Room Cost \_\_\_\_\_ Meeting Supplies (copies ) Etc Cost \_\_\_\_\_

# **Summit County Multi-Jurisdictional Hazard Mitigation Plan 2019 Update**

## **Kick-Off Meeting Summary**

**10 am - 12 pm  
October 3, 2019**

Breckenridge Library  
103 Harris St., Breckenridge, CO

### **Introductions and Opening Remarks**

This document summarizes the kickoff meeting for the Summit County Hazard Mitigation Plan update for 2019. The meeting was facilitated by Wood Environment & Infrastructure Solutions, Inc. (Wood), the consulting firm hired to facilitate the planning process and develop the updated County plan. Brian Bovaird, Director of Emergency Management for Summit County began the meeting with introductions. Brian first introduced Jeff Brislawn, project manager and Amy Carr, Hazard Mitigation Planner at Wood. Brian then asked those in attendance at the meeting to introduce themselves. Twenty-eight (28) persons representing a mix of county departments and the participating jurisdictions were present and documented on a sign-in sheet. County representatives included the Planning Department, Office of Emergency Management, CSU Extension and Public Works Department. Jeff asked the group how many at the meeting were part of the update process five-years ago; five individuals raised their hands noting they were part of the previous planning process.

Following introductions Jeff discussed the agenda items; the key discussion is summarized below, and additional details are within the meeting PowerPoint presentation.

### **Hazard Mitigation Overview**

Mark Thompson of the Colorado Department of Homeland Security and Emergency Management (DHSEM) was unable to attend in person but supplied Wood with PowerPoint slides to present in his absence. The provided slides outlined what hazard mitigation is and why mitigation it is important. Jeff explained hazard mitigation should be an ongoing effort integrated into both day-to-day operations and long-term planning. Jeff noted that FEMA is only concerned with natural hazards being profiled within these plans but explained this does not preclude communities from including manmade hazards, which could help in having a one stop plan for all types of hazards that pose a risk to the community. Jeff continued by explaining a hazard mitigation plan is not a regulatory document and is not a set-in-stone commitment of resources. The overall purpose of a local hazard mitigation plan is to prevent knowable hazards from having an impact on the community.

Jeff stated there are two main types of benefits a community gains from having a FEMA approved hazard mitigation plan (HMP); (1) bringing people together in the community; (2) having an HMP approved by FEMA makes a community eligible for FEMA grants (Pre-Disaster Mitigation, Flood Mitigation Assistance, Hazard Mitigation Grant Program-Post-Disaster). Jeff noted Summit County's existing plan expires March

8, 2020 and the plan update will need to be approved prior to that date in order for the County to remain eligible for funding. It will also need to be approved in order for the county's application for PDM funding for mitigation work on the Goose Pasture Tarn Dam to be approved.

Jeff continued by noting that any funding requests from FEMA needs to be based on the hazards and mitigation strategy in the HMP. He added that information from the hazard mitigation plan, specifically the vulnerability assessment and mitigation strategy, can be used in other hazard related plans such as community wildfire protection plans.

FEMA will only fund mitigation projects that will reduce future demand for and the costs of disaster response and recovery such as retrofitting a critical facility, enforcing building codes, land use planning, or removing a structure from a hazard area. Mitigation funding cannot be used for response actions such as purchasing of vehicles for fire or police departments. Jeff continued by briefly reviewing the benefit-cost relationship of mitigation projects. He shared statistics from the 2017 National Institute of Building Science Report which showed that mitigation grants funded through select federal government agencies, on average, can save the nation \$6 in future disaster costs for every \$1 spent on hazard mitigation. Since 2011, Colorado has had 116 projects awarded FEMA funding for mitigation projects. Jeff continued by sharing examples of how mitigation grant funding through FEMA's Hazard Mitigation Assistance Program has been used to complete projects that have mitigated their risks from existing hazards.

Jeff continued his presentation by going over some of the planning requirements for the plan. Specifically highlighting the requirement for a participating jurisdiction to be part of an approved plan. Currently, the following jurisdictions are seeking to participate in the planning process in addition to the County, and also participated in the previous plan.

#### Municipalities:

- Town of Blue River
- Town of Breckenridge
- Town of Dillon
- Town of Frisco
- Town of Montezuma
- Town of Silverthorne

#### Districts:

- Buffalo Mountain Metropolitan District
- Copper Mountain Consolidated Metropolitan District
- Denver Water
- Dillon Valley District
- East Dillon Water District
- Hamilton Creek Metropolitan District
- Lake Dillon Fire Protection District
- Mesa Cortina Water and Sanitation District
- Red, White, and Blue Fire Protection District
- Summit Fire and EMS Authority\*
- Snake River Water District

\*The Summit Fire and EMS Authority, a special district, will be a new participating jurisdiction with this update process.

In order for these jurisdictions to be considered a “participating” jurisdiction they cannot simply adopt the plan but have to also assess their unique risks and identify specific mitigation actions for their community. Jeff finished presenting the slides from DHSEM with asking the HMPC if they have any questions. There was one question; “The State Highway system, the Eisenhower Tunnel specifically, is critical to the community, what is the role of state agencies in the planning process, are they considered participating jurisdictions?” Brian noted that the Colorado Department of Transportation (CDOT) was invited to participate in this planning process but were unable to attend the kick off meeting. Jeff noted that for this planning process CDOT would be considered a stakeholder.

## **Hazard Mitigation Planning Process and Requirements**

Jeff continued the meeting with the specific planning requirements the County will have to meet in order to have a FEMA approved plan. Jeff reviewed the Disaster Mitigation Act (DMA) of 2000 Requirements and explained that the Hinsdale County Multi-Jurisdictional Hazard Mitigation Plan (HMP) will be updated in accordance with these requirements. The planning process involves a 4 Phase approach with 9 tasks per FEMA guidance updated in 2013. The kickoff meeting is the first step in the process and also covers tasks 1-3 (Determine the planning area and resources; Build the planning team; Create an outreach strategy).

## **Role of the Hazard Mitigation Planning Committee (HMPC)**

The first step in getting organized is to determine the hazard mitigation planning committee members, which has already started with those in attendance at the kickoff meeting. Jeff gave those present additional recommendations of who could also be invited to be on the committee, starting with those who were on the committee for the 2014 plan. Jeff first asked the group if there was anyone present that participated in the last plan and a few people raised their hand.

Jeff emphasized that local input, and participation from the county, municipalities, and special districts is required for full approval from FEMA. Participation includes the following:

- Attend meetings and participate in the planning process
- Provide requested information to update or develop jurisdictional information
- Review drafts and provide comments
- Identify mitigation projects specific to jurisdiction, provide status
- Assist with and participate in the public input process
- Track time and mileage
- Coordinate formal adoption

This plan update is being funding through a cost-share funds. As part of the cost-sharing requirements, participating jurisdictions will need to track their time and mileage spent on the planning process.

The Stakeholders include other local, state and federal agencies with a stake in hazard mitigation in the County or may include academic institutions and local business and industry. There were several

stakeholder agencies/entities present. Stakeholders do not need to adopt the plan but can partner on mitigation projects and will have the opportunity to review the plan and provide input into the planning process

State and federal stakeholder may include the U.S. Forest Service, CO State Forest Service, and CO Avalanche Information Center. Neighboring counties will also be notified about the update and given an opportunity to provide input into the process. Stakeholders have various options and levels of participation including:

- Attend HMPC meetings or stay in loop via email list
- Provide data/information
- Partner on mitigation efforts
- Review draft plan

## **Plan Update Requirements, Key Elements and Schedule**

Aspects of the planning process include:

- Engage the participants to take part in planning process and efforts
- Raise awareness and engage the public
- Update hazards and baseline development data to reflect current conditions
- Update the mitigation strategy
- Document progress and note changes in priorities

An important requirement of the hazard mitigation planning process is involving the public in the process. FEMA requires the HMPC provide two opportunities for public involvement. FEMA does not prescribe how to involve the public, but Wood recommends this take place during the drafting stage and once more prior to plan approval. There are several advantages to involving the public including developing solutions that fit local needs better, strengthening local support for the plan and ensuring a fair process in the development of the plan. Jeff acknowledged that it can be challenging to get the public to attend meetings and shared that Wood has had success with using online surveys to receive good feedback. It is also recommended to “piggyback” public meeting with other related meetings.

Another requirement of the plan update process is performing a community capability assessment. This is an assessment of the communities existing plans, regulations, fiscal abilities, administrative and technical abilities. Identifying fiscal abilities early on is important because FEMA requires a 25% match of local funds. Early identification will help to understand potential funding sources now that could be used to possibly match the federal funds.

Conducting a risk assessment is a key aspect of a hazard mitigation plan and involves two components; hazard identification (what can happen here) and the vulnerability assessment (what will be affected). The HMP update will be based on existing documents and studies, with the Summit County Hazard Mitigation Plan (2014) providing the baseline for identified hazards and the groundwork for goals, policies and actions for hazard mitigation. Jeff asked the group if there were any mitigation success stories since the last plan update. The Buffalo Mountain Metropolitan District shared that during the Buffalo Mountain Fire that took place in June 2018, power was cut to a portion of the community and the District was unable to



pump water. As a result of that incident generators have been purchased, although they have not been put to the test yet.

The HMP will be updated over the next four months, with at least two more meetings with the Hazard Mitigation Planning Committee. Wood will be updating the Hazard Identification and Risk Assessment (HIRA) in the next month, with input from the HMPC. Three drafts of the HMP will be created: the first for review by HMPC committee, a second for public review, and a third for state and FEMA review. The first draft for HMPC review is targeted for mid-January 2020, and a public review draft in February will coincide with a review by Colorado DHSEM.

## **Review of Identified Hazards**

Based on hazards from the 2014 County HMP, the list of potential hazards was reviewed. Jeff showed a slide that listed the hazards in the 2014 HMP.

- Avalanche
- Flood
- Severe Winter Weather
- Wildfire
- Drought
- Dam Failure
- Hazardous Materials Release
- Landslide, Mudflow/Debris Flow, Rock Fall
- Lighting
- Mountain Pine Beetle Infestation
- Earthquake
- Erosion/Deposition
- Windstorm

After reviewing the 2014 hazards list and the overall significance ratings, the following discussion took place on the hazards list; Brian noted that in terms of life safety, swift water is a significant hazard for the county in terms of public safety. Jeff noted that swift water will be mentioned within the flood profile during the update. Wood noted that in recent plans Wood has written dam failure has been changed to dam incidents to broaden the profile. Jeff asked the group if wildlife vehicle collisions were a concern in the county, noting it was a hazard that had been profiled in neighboring Grand County's HMP and in the 2018 State Hazard Mitigation Plan. The group answered that there is a lot of ongoing mitigation work related to wildlife crossings. Summit County Safe Passages, a local non-profit is seeking funding to design and implement safe wildlife crossings throughout the county. The committee added the non-profit has been working with other stakeholders including the County, CDOT, USFS and the ski areas. Wildlife vehicle collisions will be added as a new hazard.

Additional discussion related to the "Mountain Pine Beetle Infestation" hazard. That specific type of beetle was noted as no longer being an issue for the County, but the Spruce Beetle was now a concern. Brian suggested looking into how the beetle kill may have increased the county's vulnerability to other hazards such as wildfire or avalanches. Bill Jackson, District Ranger for the U.S. Forest Service in the White River National Forest, suggested "Mountain Pine Beetle Infestation" be changed to "Forest Insect and Disease"



to more encompassing of the variety of insects that could invade the local forests. It was then mentioned that invasive species in the water sources, zebra mussels specifically, is also a concern for the county. Forest beetles were noted as being native to Colorado unlike the zebra mussels, thus it was suggested to change the “Beetle Infestation” hazard to “Pest Infestation (forest and aquatic)”.

There were additional questions related to the inclusion of climate change and the interconnectedness of hazards. Jeff recommended that climate change be looked at within each hazard profile and that when the HMPC and Wood revisit the 2014 HIRA to look for how stronger connections could be made. Brian added that isolation in general is a concern for the county especially if there are tunnel closures and should be included the vulnerability assessment for most hazards listed.

Jeff noted that the significance level of hazards will vary by jurisdiction, and some hazards may not be applicable to all jurisdictions. Jeff noted that every hazard profiled must have at least one mitigation action identified.

Jeff Brislawn asked the group to review the list of hazards and comment on how they could be enhanced or updated with:

- Historic incidents
- Incident logs
- Public perception
- Scientific studies
- Other plans and reports (e.g., flood and drainage studies, CWPPs, Internet databases)
- Recent disasters

## **Coordinating with Other Agencies\Related Planning Efforts\Recent Studies**

A discussion on recent studies of hazards in other documents and reports followed the identified hazards discussion. Opportunities for coordinating and cross-referencing the HMP were discussed. Recent studies and related planning efforts included:

- Community Wildfire Protection Plan, 2010, 2018
- Summit County Comprehensive Plan updated in 2018
- Town of Blue River Comprehensive Plan
- CAIC Avalanche Studies
- Summit County Climate Action Plan
- Summit County CWPP
- Capital Improvement Plans

Brian noted that last year the State passed a bill to study the Eisenhower Tunnel and the possibility of allowing hazardous materials trucks through the tunnel. The study has not been conducted yet but should be mentioned the HMP update. Several HMPC members noted that the tourist population and number of visitors to the county not only seasonally but on weekends has been difficult for the HMPC to obtain in the past. Jeff noted this can mentioned as a data gap in the plan and could be made into a mitigation action because of how necessary that data will be in future planning and development.

## Initial Information Needs and Next steps

Jeff discussed a slide with initial information needs and next steps. Jeff encouraged the group to send by email information on:

- Recent hazard events (since 2014) – damages, incident logs, damage assessments, etc.
- Growth and development trends
- Recent updated plans and policies

Where available online, Wood will try to obtain the updated plans previously noted. Jeff encouraged the group to send other information that might not be readily accessible online.

A Google Share Drive will be set up for the project to share large documents. A GIS needs list was provided to the County to assist with data collection, which is already in progress. The County will provide the meeting summary, handouts, presentation and sign in sheet by email so that other HMPC members that could not attend today's meeting could get up to speed. Jeff noted that he will be in touch to followup on some of the previously identified data sources and plans.

Wood will begin work in the Hazard Identification and Risk Assessment update and develop a public survey that can be used online, with a hardcopy version for dissemination at local events.

The next HMPC meeting will be on November 14<sup>th</sup> from 9am-12pm at the County Commons in Frisco, following the update of the Hazard Identification and Risk Assessment section of the plan. The third and final HMPC meeting will be on December 4<sup>th</sup> from 9am-12pm.

## Adjourn

The meeting adjourned at 12:00 pm.

[Jeff.brislawn@woodplc.com](mailto:Jeff.brislawn@woodplc.com)

303-704-5506

2000 S. Colorado Blvd. Suite 2-1000

Denver, CO 80222

# Summit County Hazard Mitigation Plan Update Risk Assessment and Goals Meeting Agenda

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**Date:** Thursday, November 14, 2019  
9:00 am-12:00 pm MDT

**Meeting at:** County Commons  
Buffalo Mountain Room  
37 Peak One Dr.  
Frisco, CO 80443

**Project:** Summit County Multi-Hazard Mitigation Plan Update

## **Subject/Purpose**

The purpose of the meeting is to review the results of the Hazard Identification and Risk Assessment and receive input from the committee and stakeholders on the results. Based on the results the committee will begin thinking of new mitigation actions and discuss updates to the plan goals. The hazard mitigation planning process and planning requirements will also be reviewed. The HMP is intended to identify hazards, assets at risk, and ways to reduce impacts through long-term sustainable mitigation projects.

**Attendees:** Summit County Hazard Mitigation Planning Committee and Stakeholders

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1. Introductions
2. Review of the Planning Process
3. Review of Identified Hazards
4. Vulnerability Assessment Overview by Hazard
5. Capabilities Assessment Update
6. Updating Goals for the Mitigation Plan
7. Mitigation Action Strategy update needs/ideas
8. Update on Public Involvement Activities/public meeting planning
9. Next Steps
10. Questions and Answers

NAME	POSITION or Title	Jurisdiction/Agency/ Department	EMAIL	PHONE	Total Miles	Total Hours (including Travel)
Rebecca Franco	EM Manager	Denver Water	rebecca.franco@denverwater.org	3.250.1575		
Jay Nelson	Deputy Chief	RWB FD	jnelson@rwbfire.org	970 453 2474	9	<del>30</del> 0.5
Michelle Eddy	Town Manager	Blue Kedar	michelle@townofbluekedar.org	970-547-0545	9	.5
John Hall	Div Chief	SFE	jhall@summitfire.org	970-668-4330	1	
Jim Dowlen	RESIDENT	LOWER BLUE	JAMESDOWLEN@MAC.COM	970 513 0870	17	
Deborah Polich	Admin	Dillon Valley Dist	XprtAdmin@comcast.net	970 668 5500	6	.5
JEFF LEIGHT	MANAGER	MESA CORTINA WFS	JEFFLEIGHT@GMAIL.		40	4
Addison Canino	Asst. Director	Town of Frisco	AddisonC@townof-frisco.com	970.331.6632	1	
Justin Conrad	Assistant FMG	White River NF	Justin.Conrad@usda.gov	970 596 2549	126	2
Bee Bale	Risk Safety Mgr	Copper Mtn	bbale@coppercobarado.com	970 968 3012	15	.5
Bill Jackson	District Ranger	US Forest Service	william.jackson@usda.gov	970 359 3460	10	.5
DAVID PARADYST	H&S Manager	Keystone Resort	dparadyst@vailresorts.com	530-318-2568	25	.5
Kelly Flenniken	Area Manager	Xcel Energy	kelly.flenniken@xcelenergy.com	970/778-1118	40	.75
JOFF ZWIERMAN	DIR MTN OPS	BRECKSKI RESORT	jozz@vailresorts.com			
BRIAN BOVAIED	Emergency Mgr.	Sun Co	JOFFZC@VAI/RESORTS.COM	970 331 1804	10	.5
Don Hendershott	EM Manager	Summit Co	don.hendershott@summitcounty.gov	970 485-1116	0	2

Meeting Room Cost \_\_\_\_\_ Meeting Supplies (copies ) Etc Cost \_\_\_\_\_



Summit County Hazard Mitigation Planning Team Workshop #2 Frisco, CO 11/14/2019 9:00am-12:00pm

[illegible]

Meeting Room Cost\_\_\_\_\_ Meeting Supplies (copies ) Etc Cost\_\_\_\_\_

[illegible]

Meeting Room Cost \_\_\_\_\_ Meeting Supplies (copies ) Etc Cost \_\_\_\_\_

# Summit COUNTY HAZARD MITIGATION PLAN

## 2020 UPDATE

### Updating the Mitigation Strategy

#### Mitigation Planning Goals, Objectives, and Actions - Definitions

Goals, objectives, and mitigation actions should be based on the information revealed in the Risk Assessment. Definitions are provided below:

**Goals** are general guidelines that explain what you want to achieve. Goals are defined before considering how to accomplish them so that the goals are not dependent on the means of achievement. They are usually broad policy-type statements, long term, and represent global visions, such as:

- Reduce exposure to hazard related losses
- Minimize the risk from natural disasters to existing facilities and proposed development.
- Reduce the impact of natural hazards to the citizens of the county.
- Provide protection for natural resources from hazard impacts
- Maintain and enhance existing mitigation measures.
- Increase public awareness of vulnerability to hazards and support and demand for hazard mitigation

**Objectives** define strategies or implementation steps to attain the identified goals. Unlike goals, objectives are specific and measurable, such as:

- Maintain the flood mitigation programs to provide 100-year flood protection
- Protect critical facilities to the 500 year flood
- Educate citizens about wildfire defensible space actions.
- Prepare plans and identify resources to facilitate reestablishing operations after a disaster.

**Mitigation Actions** are specific actions that help you achieve your goals and objectives. Some examples include:

- Elevate three historic structures located in the downtown district
- Sponsor a community fair to promote wildfire defensible space
- Retrofit the police department to withstand flood damage

The goals and objectives from the Summit County Hazard Mitigation Plan 2013 are shown on the next page. The 2020 plan update presents an opportunity to review the goals and modify if desired. Use this handout to verify that they are still appropriate or suggest modifications to the planning committee and Wood (Jeff.brislawn@woodplc.com).

# Summit County Hazard Mitigation Plan 2013 Goals

## **Goal 1: Reduce risk to the people, property, and environment of Summit County from the impacts of natural hazards**

- Minimize the vulnerability of existing and new development to hazards
- Increase education and awareness of hazards and risk reduction measures
- Improve comprehensive wildfire planning, funding and mitigation
- Strengthen floodplain management programs

## **Goal 2: Protect critical facilities and infrastructure**

- Enhance assessment of multi-hazard risk to critical facilities and infrastructure
- Prioritize mitigation projects based on the enhanced assessment and identify funding sources
- Reduce hazard related closures of transportation routes

## **Goal 3: Minimize economic losses**

- Strengthen disaster resistance and resiliency of businesses and employers
- Promote and conduct continuity of operations and continuity of governance planning
- Reduce financial exposure of county and municipal governments and special districts

## **Goal 4: Implement the mitigation actions identified in the plan**

- Improve communication and coordination between communities and state and federal agencies
- Engage collaborative partners, including community organizations, businesses, and others
- Integrate mitigation activities into existing and new community plans and policies
- Monitor, evaluate, and update the mitigation plan

## **Other Related Plan Goals**

It is also important to integrate the mitigation strategy with other existing goals to ensure consistency, efficiency, and effectiveness, which is also useful in identifying funding opportunities. The following are provided for reference purposes.

### **Summit County Comprehensive Plan (2009)**

#### **Land use Element**

*Vision: Guide future land use decisions to ensure that growth occurs in appropriate locations and that our rural mountain character is maintained.*

#### Transferable Development Rights (TDRs)

**Goal E: Encourage the use of TDRs as a means of protecting sensitive lands, directing growth to areas appropriate for accommodating growth or to mitigate other issues that may arise in development review applications.**

#### **Environmental Element**

*Vision: Protect, enhance, and promote our environmental resources.*



## Environmentally Sensitive Areas

### **Goal A: Protect and preserve environmentally sensitive areas.**

Policy/Action 1 - Environmentally sensitive areas should be identified, mapped, and protected to the greatest extent possible.

Policy/Action 2 - Consider the location of environmentally sensitive areas when developing basin master plan land use designations and zoning classifications. Focus low intensity land uses and open space designations in location with environmentally sensitive areas.

Policy/Action 3 - Development in environmentally sensitive areas should be avoided to the maximum extent possible. Minimize and mitigate impacts where site conditions preclude the ability to avoid all environmentally sensitive areas.

3.1. While respecting underlying zoning and density and according to established County design standards and regulations, require that new development employ design and construction techniques that, to the maximum extent practicable, utilize sensitive site design of lots and building envelopes to minimize disturbances to environmentally sensitive areas and provide infrastructure most efficiently.

Policy/Action 6 - The County should work cooperatively with homeowner groups and the State and Federal Forest Service to promote healthy and naturally diverse forests while reducing wildfire hazards

### **Community and Public Facilities Element**

*Vision: Provide, consistent, reliable, and appropriate facilities for the long-term development of the County that are compatible with the mountain environment.*

## Water & Sewer

### **Goal A: Ensure infrastructure is planned, funded, and built to support new development**

Policy/Action 8 - Develop incentives or ordinances to mitigate impacts on water resource infrastructure. These may include: receiving credit for water conservation, rain sensor, sub-metering, soil preparation, turf limitation, waste of water, median sub-surface irrigation, or restrictive covenants ordinances.

## Design and Visual Resources Element

*Vision: Design development to complement the environment, existing neighborhoods, and the historic nature of the County.*

### **Goal B: Ensure that new development is designed in a visually sensitive manner, complementing the surrounding natural environment.**

Policy/Action 4 - Require the preservation of significant trees, where feasible, while allowing for forest management practices necessary for forest health and wildfire prevention.

Policy/Action 7 - Require building envelopes and/or disturbance envelopes to be established when necessary in new subdivisions to minimize visual and environmental impacts.

**Goal E: Avoid or minimize development impacts on steep hillsides and ridgelines.**

**Summit County Climate Action Plan (2018)**

Forests Sector

*Vision: Our communities will value healthy forests and understand their beneficial climate and environmental impacts.*

**Sector Goal: Maintain forest cover in Summit County and improve forest resilience to climate impacts.**

**STATE OF COLORADO 2018 MITIGATION GOALS**

<b>Minimize the loss of life and personal injuries from all-hazard events (I)</b>
<b>A, D, F, G, H</b>
<b>Reduce losses and damages to state, tribal, and local governments, as well as special districts and private assets, and support similar local efforts (II)</b>
<b>J, O</b>
<b>Reduce federal, state, tribal, local, and private costs of disaster response and recovery (III)</b>
<b>D, E, J, P, Q</b>
<b>Support mitigation initiatives and policies that promote disaster resiliency, nature-based solutions, cultural resources and historic preservation, and climate adaptation strategies (IV)</b>
<b>A, B, E, M, N</b>
<b>Minimize interruption of essential services and activities (V)</b>
<b>D, E, J, L, P, Q</b>
<b>Incorporate equity considerations into all mitigation strategies (VI)</b>
<b>A, E</b>
<b>Support improved coordination of risk mitigation between and among the public, private, and non-profit sectors (VII)</b>
<b>A, C, D, E, G, I, K, L, M, N, O, R</b>
<b>Create awareness and demand for mitigation as a standard of practice (VIII)</b>
<b>A, B, C, E, G, K, L, M, N, O</b>

## **Mitigation Objectives:**

- A. Support and empower local and regional mitigation strategies through statewide guiding principles, programs, and resources
- B. Promote activities that are climate neutral and supportive of appropriate renewable and alternative energy
- C. Strengthen hazard risk communication tools and procedures
- D. Strengthen continuity of operations at the federal, state, regional, tribal, and local levels of government to ensure the delivery of essential services
- E. Strengthen cross-sector connections across the state government
- F. Identify specific areas at risk to natural hazards and zones of vulnerability
- G. Expand public awareness, education, and information programs relating to hazards and mitigation methods and techniques
- H. Develop mitigation projects focused on preventing loss of life, injuries, and negative impacts to natural resources and reliant community sectors from natural, technological, and human-caused hazards
- I. Assist local government officials with construction, non-construction, and regulatory hazard mitigation activities
- J. Protect state critical, essential, and necessary assets located in natural hazard risk areas
- K. Improve state, tribal, and local government mitigation project monitoring and decision-making tools
- L. Strengthen connections between hazard mitigation activities and preparedness, response, and recovery activities
- M. Improve coordination of state government mitigation resources with federal, tribal, and local government and private nonprofit resources
- N. Increase state, tribal, and local government and private nonprofit participation in existing hazard mitigation programs
- O. Partner with local and tribal governments to develop projects, initiatives, and public resources that protect private property from hazards
- P. Reduce services interruptions and revenue losses, resulting from hazard events, to the state
- Q. Reduce downtime and revenue losses, resulting from hazard events, for local and tribal governments and private nonprofit organizations
- R. Through training, grants, and technical assistance, increase local government use of land use strategies that reduce risks to hazards

**Summary of the Summit County  
Multi-Hazard Mitigation Plan Update  
Risk Assessment and Goals Meeting**

**November 11, 2019  
9:00 - noon  
County Commons – Buffalo Mountain Meeting Room  
37 Peak One Dr. Frisco, CO**

**Introductions and Opening Remarks**

Jeff Brislawn of Wood, the consulting firm hired to facilitate the plan development process, began the meeting with welcoming remarks. Twenty-four persons were present and documented on a sign in sheet.

**Review of Mitigation, Disaster Mitigation Act (DMA) Requirements, and the Planning Process**

Following introductions a PowerPoint presentation was presented by Jeff Brislawn. Jeff reviewed the planning process being followed and discussed the project status.

**Risk Assessment Presentation and Discussion**

Jeff outlined the general risk assessment requirements before beginning a detailed discussion of each hazard. He presented highlights on each hazard included in the updated risk assessment chapter of the plan. Refer to the Summit County HMP Risk Assessment PowerPoint presentation for specific details on each hazard and a handout summarizing hazard significance.

Additional insight and details were learned during the risk assessment conversation among participants. Highlights of the discussion are noted by hazard in the table below.

Hazard or Topic	Meeting Discussion and Problem Statements
Avalanche	<ul style="list-style-type: none"> <li>• Last season events were significant and less isolated than events in the past</li> <li>• Changes were made in avalanche mitigation last season</li> <li>• Flooding due to avalanche debris was a major concern, particularly in Ten Mile but ended up being a nonevent</li> <li>• Xcel experienced damage to both electrical and natural gas lines, poles and regulators               <ul style="list-style-type: none"> <li>○ Challenging to reach equipment due to the amount of debris (Ten Mile, Copper near gas station)</li> <li>○ Unable to inspect equipment until they received clearance from CAIC – led to people snowshoeing multiple miles to reach equipment</li> <li>○ Xcel buried lines to prevent future incidents</li> </ul> </li> <li>• USFS suffered tower damage               <ul style="list-style-type: none"> <li>○ Highway 91 near Copper noted as problem area</li> </ul> </li> <li>• The HMPC noted there are competing priorities for debris removal</li> </ul>
Dam Failure Incidents	<ul style="list-style-type: none"> <li>• Tried to get funding for Black Creek dam repairs – wasn't awarded it because it's a low hazard dam</li> </ul>

Hazard or Topic	Meeting Discussion and Problem Statements
	<ul style="list-style-type: none"> <li>Ongoing work on the Goose Pasture Dam will be captured as a potential project in the updated mitigation action plan</li> </ul>
Drought	<ul style="list-style-type: none"> <li>During 2002-2004 drought Dillon Reservoir was very low and produced lots of dust leading to direct impacts to individuals living close by</li> <li>Frisco side of Dillon Reservoir saw individuals walking through sludge and mud with kayaks due to low water levels</li> <li>Economic impacts due to low levels of the reservoir because of the drought were noted</li> </ul>
Flood	<ul style="list-style-type: none"> <li>Ice jam issues near Blue Lake Dam (Upper Blue) – flooded 2 houses along highway               <ul style="list-style-type: none"> <li>County has worked with Colorado Springs Utility to divert water; sandbagging and pumps</li> </ul> </li> <li>Recent losses on Montezuma Road due to undersized culverts               <ul style="list-style-type: none"> <li>Road was closed to Town of Montezuma</li> <li>Culverts have been replaced with bridge</li> </ul> </li> <li>Culverts in Summit Cove were removed and replaced with a bridge to be able to handle 100-year flood</li> <li>Dillon Valley District has done work to replace culverts</li> <li>Wood will follow up with County on possible culvert assessments</li> </ul>
Erosion/Deposition	<ul style="list-style-type: none"> <li>Dillon Valley District noted having issues with channel migration</li> <li>Dillon Reservoir - sand from erosion and wind on the sides of the dam potentially hiding issues – Federal inspectors have said this is an issue making it hard to inspect</li> <li>Traction sand from CDOT continues to be an issue</li> </ul>
Earthquake	<ul style="list-style-type: none"> <li>no comments</li> </ul>
Landslide, Debris Flow, Rockfall	<ul style="list-style-type: none"> <li>Shale falling along Highway 9, in the north part of the county near the reservoir, has blocked the highway in the past</li> </ul>
Wildfire	<ul style="list-style-type: none"> <li>A fire in neighboring Grand County resulted in smoke issues for Summit County in the past               <ul style="list-style-type: none"> <li>2018 California fires also brought smoke into county</li> </ul> </li> <li>Fire bans common tool               <ul style="list-style-type: none"> <li>HMPC noted having issues with camp fires not put out completely</li> </ul> </li> <li>County Public Health noted receiving calls from tourists asking if they should cancel their trips because of smoke</li> </ul>
Hazardous Materials	<ul style="list-style-type: none"> <li>HazMat trucks do go through the tunnel in controlled events when Loveland Pass is closed               <ul style="list-style-type: none"> <li>Supply chain would be impacted greatly if the tunnel was to close for an extended period of time</li> </ul> </li> <li>Abandoned mines – seepage and blowouts are a concern for the HMPC               <ul style="list-style-type: none"> <li>Past high-profile events have caused anxiety for citizens</li> <li>Pennsylvania Mine has been seeping into Snake River</li> </ul> </li> <li>Seepage from mines pose a risk water quality               <ul style="list-style-type: none"> <li>Impacts to the Dillon Reservoir is a concern</li> </ul> </li> <li>Regional EPA have worked with Towns to conducted mitigation</li> </ul>
Lighting	<ul style="list-style-type: none"> <li>HMPC suggested changing frequency rating to 'highly likely'</li> </ul>
Winter Storm	<ul style="list-style-type: none"> <li>CDOT has been proactively closing I-70 to Vail               <ul style="list-style-type: none"> <li>HMPC noted it has helped reducing people being stuck in Summit</li> </ul> </li> </ul>

Hazard or Topic	Meeting Discussion and Problem Statements
	<ul style="list-style-type: none"> <li>• Tunnel has closed in the past due to severe winter storms impacts on visitors being stuck in Summit and preventing goods into the county</li> <li>• New state traction laws on I-70</li> <li>• HMPC noted that freezing temperatures have been an issue in the past               <ul style="list-style-type: none"> <li>○ Last winter lead to power outages and water line breaks</li> <li>○ Concerns related to AFN population</li> </ul> </li> </ul>
Windstorm	<ul style="list-style-type: none"> <li>• no comments</li> </ul>
Pest Infestation (Forest and Aquatic)	<ul style="list-style-type: none"> <li>• Marinas have been actively monitoring and conducting mitigation on Aquatic Nuisance Species (ANS)</li> <li>• Dillon Reservoir noted kayakers are also a concern in addition to larger boats</li> <li>• Green Mountain is a 'suspect' reservoir in terms of infestation               <ul style="list-style-type: none"> <li>○ USFS has partnerships to inspect or restrict boat access for more control and monitoring</li> </ul> </li> </ul>
Wildlife-Vehicle Collisions	<ul style="list-style-type: none"> <li>• no comments</li> </ul>
Capabilities	<ul style="list-style-type: none"> <li>• Ongoing partnerships throughout the County</li> <li>• Inspectors on Dillon Reservoir receive aquatic nuisance species training</li> <li>• County's Transfer of Development Rights Program in partnership with Breckenridge has been considered a success</li> <li>• Extension office tracks progress on wildfire mitigation projects (available online through County website)</li> <li>• <b>Opportunities for enhancement were discussed including:</b> <ul style="list-style-type: none"> <li>○ Integrating the hazard mitigation plan or adopting the plan by reference in the next Comprehensive Plan update</li> </ul> </li> </ul>

## Plan Goals Update

The HMPC reviewed the goals and objectives from the previous plan to see if they were still relevant or needed updating, based on a handout that included the state mitigation plan goals and other related plan goals from the County's 2009 Comprehensive Plan. In general, the group thought was they were still valid, but suggested the removal of the word 'natural' from the Goal 1 and to expand the goals to also include visitors and not just residents. Jeff will revise per the suggestions and the group will revisit the goals for finalization at the beginning of the next meeting.

## Mitigation Action Strategy update needs

Jeff noted that the mitigation action strategy will be revisited moving forward and will be the focus of the next HMPC meeting. Jeff said that the existing mitigation actions from the 2013 plan will need to be reviewed by the HMPC with a status indicated for each action. Jeff provided a worksheet for each participating jurisdiction to help facilitate the status reporting prior to the next meeting, which will also be shared by email. Status of actions was requested by December 2nd.

There will be an opportunity to develop new mitigation actions for the plan as well. These will be identified at the next meeting. Some initial ideas discussed included:

- Expanding the Transfer of Development Rights program to other jurisdictions through an Intergovernmental Agreement (IGA) similar to the one with Breckenridge.

**Update on Public Involvement Activities/public meeting.**

Jeff noted that a draft on-line public survey was ready to be distributed. A public meeting will be scheduled in January with details forthcoming.

**Plan Timeline/Next steps**

The next and final HMPC planning meeting will be during early December (now scheduled for December 4<sup>th</sup> at 9am). The purpose of this meeting is to develop mitigation actions for the plan. The meeting materials will also be shared electronically, including the presentation and handouts.

The meeting adjourned at 11:35 am.

# Summit County Hazard Mitigation Plan Update Mitigation Strategy Meeting Agenda

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**Date:** Wednesday, December 4, 2019  
9:00 am-12:00 pm MST

**Meeting at:** County Commons  
Buffalo Mountain Room  
37 Peak One Dr.  
Frisco, CO 80443

**Project:** Summit County Multi-Hazard Mitigation Plan Update

## **Subject/Purpose**

The purpose of this meeting is to review the planning process so far, then modify, add, and/or delete mitigation actions and projects applicable to Summit County based on HMPC input and pertinent plan goals. Prioritization of mitigation projects will be conducted as well, and next steps to plan finalization, including future plan implementation and maintenance, will be discussed.

**Attendees:** Summit County Hazard Mitigation Planning Committee and Stakeholders

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1. Introductions
2. Review of the Planning Process
3. Review of possible mitigation activities and alternatives
4. Discuss criteria for mitigation action selection and prioritization
5. Review of progress on existing actions in the plan
6. Brainstorming Session: Development of new mitigation actions (group process)
7. Prioritize mitigation actions (group process)
8. Discuss plan implementation and maintenance
9. Discuss next steps
10. Questions and Answers/Adjourn



Summit County Hazard Mitigation Planning Team – Mitigation Strategy Meeting #3 Frisco, CO 12/4/2019 9:00am-12:00pm

NAME	POSITION or Title	Jurisdiction/Agency/ Department	EMAIL	PHONE	Total Miles	Total Hours (including Travel)
Tyler Johnson	Ops Supervisor	Denver Water	tyler.johnson@denverwater.org	970.243.9100	5	
Tom Oberheide	Administrator	EAST DILLON WATER HAMILTON CREEK METRO	admin@eastdillon.com	970-468-6875	8	
SCOTT O'BRIEN	PWD	TOWN OF DILLON	scotto@townofdillon.com	970 262 3408	6	3.5
Mark Heningtons	Chief, Dillon PD	Town of Dillon	mark.henington@townofdillon.com	970 468-6078	6	3.5
Deborah Polich	Administrator	Dillon Valley Dist.	xprtadmin@comcast.net	970 390 1306	6	3.5
LEGAN MARSH	SAFETY MANAGER	KERSTONE SCIENCE SCHOOL	LMARSH@KERSTONE SCIENCE.SCHOOL.ORG	303 212 0304	12	
Bill Gibson	Interim Community Development Director	Town of Frisco	billg@townoffrisco.com	970-668-9121	2	3
Scott Reid	Director of Recreation	Town of Breckenridge	scottr@townofbreckenridge.com	970-547-7882	9	3.5
Shellie Duplan	Manager	BMMID	shellie@bmmid.org	970-513-1300	7	3.5
FRITZ HOMANN	CDOT-OPS MGR.	I-70 MTN. CORR.	WILLIAM.HOMANN@STATE.CO.US	303-514-2504		3.5
Bec Bale	Copper Mtn Resort	Safety Mgr.	blake@coppercolorado.com	970-291-1290	12	3.5
BRIAN BOVARD	Emergency Mgr.	Sum Co	brian.bovards@summitcounty.gov	970-485-5339	N/A	N/A
Sarah Vaine	ACM	Sum County	sarah.vaine@summitcounty.gov	970-333-1782	N/A	N/A

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## Summit County Hazard Mitigation Planning Team – Mitigation Strategy Meeting #3 Frisco, CO 12/4/2019 9:00am-12:00pm

NAME	POSITION or Title	Jurisdiction/Agency/ Department	EMAIL	PHONE	Total Miles	Total Hours (including Travel)
Jay Nelson	Deputy chief	RWBFPD	jnelson@rwbfire.org	970 406 0212	18	3.5
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DAVID PARADISE	H&S Mgr - Keystone	Keystone Resort	dparadise@vailresorts.com	530-318-2568	25	3/4
Dan Hendershott	EH Manager	SC Public Hlth	dan.hendershott@summitcountycolorado.gov	970 485-1116	0	3
ROBERT JACOBS	COUNTY ENGINEER/ ROAD & BRIDGE DIRECTOR	Summit County	robert.jacobs@summitcountycolorado.gov	970 668 4212	0	3
Bruce Farrell	Deputy Chief	Summit Fire	bfarrell@summitfire.org	970 418-8156	0	3
John Hall	Div Chief	Summit Fire	jhall@summitfire.org	970-668-4330	0	3
Bryan Webinger	Dist MGR	CMCMD	bwebinger@cmcmd.com	970 968-2537	8	Y3
Jim Cornutte	Summit County Com. Dev Director	Summit County	jim.cornutte@summitcountycolorado.gov	970 668-4203	0	0
Addison Canino	Frisco Public Wrks	Asst. Director	addisonc@townoffrisco.com	970.331.6632	1	2
Logan Sand	Community Planner	FEMA Region VIII	logan.sand@fema.dhs.gov	303-202-8966	-	-
Taryn Power	Development Director	Summit Foundation	taryn@summitfoundation.org	970 389-4979	17	3
Mark Thompson	Mit Plan Specialist	DH&M	mark.thompson@dh&m.com	720 630-0770	-	-
Dan Schroder	Summit County CSU Extension	X	dan.schroder@colorado.state.edu	970 668 4140	-	3

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### Example Mitigation Action Items

Alternative Mitigation Actions	Dam Failure	Floods	Hazardous Materials	Avalanche Landslides/ Debris Flows/ Rockfalls	Weather Extremes (hail, lightning, wind, temps, drought)	Earthquakes	Wildland Fires	Severe Winter Storm
<b>PREVENTION</b>								
Building codes and enforcement		■	■	■	■	■	■	■
Comprehensive Watershed Tax		■						
Density controls	■	■	■	■			■	
Design review standards		■	■	■		■	■	
Easements		■	■	■			■	
Environmental review standards		■	■	■		■	■	
Floodplain development regulations	■	■	■					
Hazard mapping	■	■	■	■			■	
Floodplain zoning	■	■	■					
Forest fire fuel reduction			■				■	
Housing/landlord codes			■		■			
Slide-prone area/grading/hillside development regulations				■			■	
Manufactured home guidelines/regulations		■			■	■		
Minimize hazardous materials waste generation			■					
Multi-Jurisdiction Cooperation within watershed	■	■						
Open space preservation	■	■		■			■	
Performance standards	■	■		■	■	■	■	■
Periodically contain/remove wastes for disposal			■					
Pesticide/herbicide management regulations			■					
Special use permits	■	■	■	■			■	
Stormwater management regulations		■	■					
Subdivision and development regulations	■	■	■	■		■	■	
Surge protectors and lightning protection					■			
Tree Management					■		■	■

Alternative Mitigation Actions	Dam Failure	Floods	Hazardous Materials	Avalanche Landslides/ Debris Flows/ Rockfalls	Weather Extremes (hail, lightning, wind, temps, drought)	Earthquakes	Wildland Fires	Severe Winter Storm
Transfer of development rights		■		■			■	
Utility location			■	■	■			■
<b>PROPERTY PROTECTION</b>								
Acquisition of hazard prone structures	■	■		■			■	
Facility inspections/reporting	■	■	■			■		
Construction of barriers around structures	■	■	■					
Elevation of structures	■	■						
Relocation out of hazard areas	■	■	■	■			■	
Structural retrofits (e.g., reinforcement, floodproofing, bracing, etc.)		■	■		■	■	■	■
<b>PUBLIC EDUCATION AND AWARENESS</b>						■		
Debris Control		■		■				
Flood Insurance	■	■						
Hazard information centers	■	■	■	■	■	■	■	■
Public education and outreach programs	■	■	■	■	■	■	■	■
Real estate disclosure	■	■	■	■	■	■	■	■
Crop Insurance					■	■		
Lightning detectors in public areas					■			
<b>NATURAL RESOURCE PROTECTION</b>								
Best Management Practices (BMPs)		■	■	■	■		■	
Forest and vegetation management	■	■		■	■		■	■
Hydrological Monitoring	■	■	■	■	■			
Sediment and erosion control regulations	■	■	■	■				
Stream corridor restoration		■		■				
Stream dumping regulations		■	■					
Urban forestry and landscape management		■		■	■		■	■
Wetlands development regulations		■	■	■			■	
<b>EMERGENCY SERVICES</b>								

Alternative Mitigation Actions	Dam Failure	Floods	Hazardous Materials	Avalanche Landslides/ Debris Flows/ Rockfalls	Weather Extremes (hail, lightning, wind, temps, drought)	Earthquakes	Wildland Fires	Severe Winter Storm
Critical facilities protection	■	■	■	■	■	■	■	■
Emergency response services	■	■	■	■	■	■	■	■
Facility employee safety training programs	■	■	■	■	■	■	■	■
Hazard threat recognition	■	■	■	■	■	■	■	■
Hazard warning systems (community sirens, NOAA weather radio)	■	■	■	■	■	■	■	■
Health and safety maintenance	■	■	■	■	■	■	■	■
Post-disaster mitigation	■	■	■	■	■	■	■	■
Evacuation planning	■	■	■	■			■	
<b>STRUCTURAL PROJECTS</b>								
Channel maintenance		■						
Dams/reservoirs (including maintenance)	■	■						
Isolate hazardous materials waste storage sties			■					
Levees and floodwalls (including maintenance)		■						
Safe room/shelter					■	■		■
Secondary containment system			■					
Site reclamation/restoration/revegetation		■	■	■				
Snow fences								■
Water supply augmentation					■			

## Mitigation Action Selection and Prioritization Criteria

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Does the proposed action protect lives or vulnerable populations?

Does the proposed action address hazards or areas with the highest risk?

Does the proposed action protect critical facilities, infrastructure, or community assets?

Does the proposed action meet multiple objectives (multi-objective management)?

### **STAPLE/E**

Developed by FEMA, this method of applying evaluation criteria enables the planning team to consider in a systematic way the social, technical, administrative, political, legal, economic, and environmental opportunities and constraints of implementing a particular mitigation action. For each action, the HMPC should ask, and consider the answers to, the following questions:

#### **Social**

Does the measure treat people fairly (different groups, different generations)? Does it consider social equity, disadvantaged communities, or vulnerable populations?

#### **Technical**

Will it work? (Does it solve the problem? Is it feasible?)

#### **Administrative**

Is there capacity to implement and manage project?

#### **Political**

Who are the stakeholders? Did they get to participate? Is there public support? Is political leadership willing to support it?

#### **Legal**

Does your organization have the authority to implement? Is it legal? Are there liability implications?

#### **Economic**

Is it cost-beneficial? Is there funding? Does it contribute to the local economy or economic development? Does it reduce direct property losses or indirect economic losses?

#### **Environmental**

Does it comply with environmental regulations or have adverse environmental impacts?

## Summit County Hazard Mitigation Plan Update 2019

### New Mitigation Action Worksheet

Use this sheet to record new potential mitigation projects (1 form per project) identified during the planning process. Provide as much detail as possible and use additional pages as necessary. Complete and return to Amy Carr by **December 17, 2019**. **Note Jurisdiction:**

<b>Mitigation Action/Project Title</b>	
<b>Hazard(s) Mitigated</b>	
<b>Priority (High, Medium, Low)</b>	
<b>Project Description, Issue/Background</b>	
<b>Responsible Office/ Agency and partners</b>	
<b>Timeline for Completion</b>	
<b>Cost Estimate</b>	
<b>Benefits (Avoided Losses)</b>	

Prepared by: \_\_\_\_\_  
Title/Dept: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

Please return worksheets by email to:  
**Amy Carr**  
**amy.carr@woodplc.com**  
**Phone: 303-630-0796**



### Open Space Council Approves Resolution in Support of Measure 1B

Ballot Measure 1B would continue the existing mill levy for open space and trails [Read on...](#)

### Summit County Hosts Commercial Energy Efficiency Financing Workshop Nov. 7

Summit County encourages commercial property owners and contractors to learn about this opportunity to finance energy-saving building improvements and renewable energy installations [Read on...](#)

[View All News](#)



#### Take the Hazard Mitigation Survey

Give your input on preparing for emergencies and disasters.

[Learn more...](#)



#### Inspire a Young Person

We need caring adults who will provide one-on-one mentoring for local children and teens.

[Learn more...](#)



#### Take Public Transportation

Summit Stage offers free bus service to towns and ski resorts throughout Summit County.

[Learn more...](#)





Natural Hazard Plans

Hazard Risks

Preparedness

Summit County Alert

Emergency Blog

Blog de Emergencia

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## Emergency Management

The mission of the Summit County Office of Emergency Management is to provide coordination of elected offices and county departments in preparedness, protection, mitigation, response, and recovery to emergencies and disasters.

### Summit County Fire Restrictions

Effective Tuesday, Oct. 22, 2019, the Board of County Commissioners has lifted Stage 1 fire restrictions in Summit County. No local fire restrictions are currently in effect. View [statewide fire restriction and fire danger information](#) across Colorado.

### Take Our Survey!

Summit County is in the process of updating its Hazard Mitigation Plan. We're seeking information from the public and stakeholders to better understand our vulnerabilities, as well as opportunities to reduce the impacts of hazards before they occur.

Please [take this short, six-question survey](#) by Dec. 13, 2019.

The Hazard Mitigation Plan analyzes our vulnerabilities to natural and manmade hazards and identifies proactive mitigation actions the County, towns and special districts can take to minimize impacts to people, property and critical facilities.

### Local Hazard Risks

Summit County has a number of hazard risks, including avalanches, floods, wildfires and severe weather.

### Contact Us

501 N. Park Ave.  
P.O. Box 210  
Breckenridge, CO 80424

Fax: 970-453-7329

24-7 assistance:  
Ph: 970-668-8600

### FAQs

- [Where do I find current fire restriction information?](#)
- [How will Summit County communicate with me during an emergency?](#)
- [What is Summit County's wildfire evacuation plan?](#)

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#### Your Government

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INITIATIVES](#)[LEGAL NOTICES](#)[MAPS](#)[MEETING CALENDAR](#)[MUNICIPAL COURT](#)[OPEN RECORDS REQUEST](#)[▼ SHORT TERM RENTALS](#)[STAFF DIRECTORY](#)[SUMMIT COUNTY TELEVISION](#)[TOWN CODE AND TOWN CHARTER](#)[TOWN NEWS](#)

#### TOWN NEWS

## Please Take a Short Survey by December 13

December 5, 2019

Summit County is in the process of updating the countywide emergency and disaster plans. So we need your help as we seek information from the public and stakeholders to better understand the county's vulnerabilities, as well as opportunities to reduce the impacts of hazards before they occur.

Please take this **short, six-question survey** by December 13, 2019.

The **Hazard Mitigation Plan** analyzes our vulnerabilities to natural and manmade hazards and identifies proactive mitigation actions the County, towns and special districts can take to minimize impacts to people, property and critical facilities.



## BUFFALO MOUNTAIN METROPOLITAN DISTRICT

[BMMD Info ▾](#)[Fees/Billing ▾](#)[Rules/Regulations ▾](#)[Services ▾](#)[Emergencies ▾](#)[Contact ▾](#)[Home](#)

### Welcome

*The Buffalo Mountain Metropolitan District (BMMD), provides water, sewer, road maintenance, snow plowing, architectural review authority, and covenant enforcement services to the Wilderndest subdivision. BMMD is located just West of Silverthorne at the base of beautiful Buffalo Mountain, in Summit County, Colorado. The business and affairs of BMMD is governed by a five (5) member Board of Directors and the District Manager. BMMD services nearly 2,500 residential units, condominium units, and several commercial properties.*



### Take the Hazard Mitigation Survey

Give your input on preparing for emergencies & disasters. Summit County is in the process of updating its Hazard Mitigation Plan. We're seeking information from the public and stakeholders to better understand our vulnerabilities, as well as opportunities to reduce the impacts of hazards before they occur. Please take this short, six-question survey by Dec. 13, 2019.

### Make Water & Sewer Payments Here







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Colorado

@SummitCountyGov

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Summit County, Colorado

December 2 at 6:07 PM · 🌐

We're updating our emergency and disaster plans, and we want your input! Tell us what you think our priorities should be when it comes to reducing risk in Summit County. Only six questions - super quick!  
<https://woodplc.surveymonkey.com/r/SummitHMP>



👍❤️😄 49

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Summit County, Colorado

December 2 at 5:56 PM · 🌐

We're updating our emergency and disaster plans, and we want your input! Tell us what you think our priorities should be when it comes to reducing risk in Summit County. Only six questions - super quick!

<https://woodplc.surveymonkey.com/r/SummitHMP> Summit County Sheriff's Office Town of Frisco, Colorado Government Town of Breckenridge, CO Government Silverthorne Colorado Red, White & Blue Fire Protection District Summit Fire & EMS







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Official County Government feed for Summit County, CO.

Summit County, CO

summitcountyco.gov

Joined May 2011



**Summit County, CO**

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We're updating our emergency and disaster plans, and we want your input! Tell us what you think our priorities should be when it comes to reducing risk in #SumCO. Only six questions - super quick!

[woodplc.surveymonkey.com/r/SummitHMP](http://woodplc.surveymonkey.com/r/SummitHMP)



5:52 PM - 2 Dec 2019

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2



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Town of Frisco, Colorado Government shared a post.

December 3 at 11:50 AM · 🌐

Quick survey- Summit County needs your input!



Summit County, Colorado

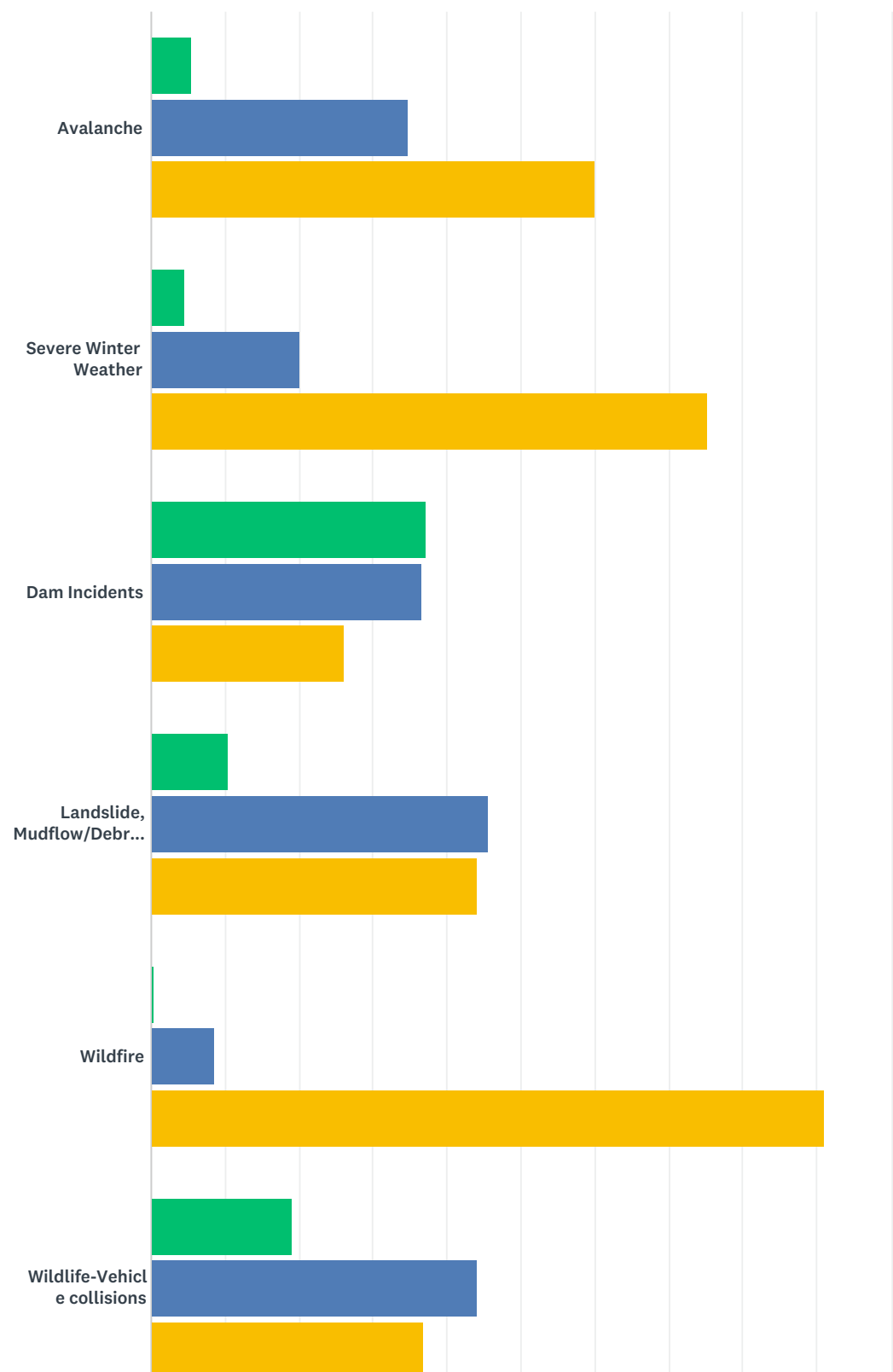
December 2 at 5:56 PM · 🌐

We're updating our emergency and disaster plans, and we want your input! Tell us what you think our priorities should be when it comes to reducing risk in Summi...

[See More](#)

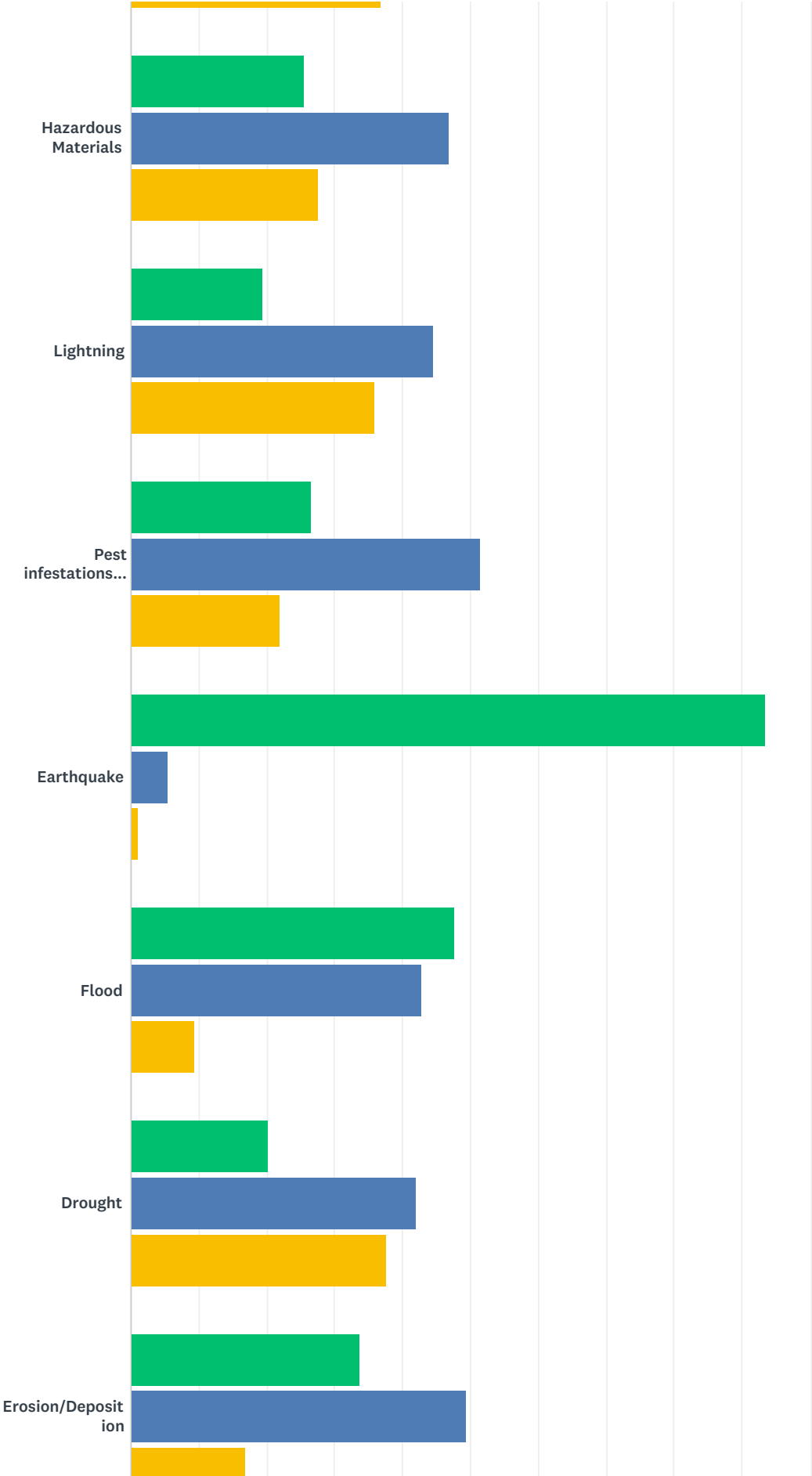
Q1 The hazards addressed in the Hazard Mitigation Plan update are listed below. Please indicate the level of significance in Summit County that you perceive for each hazard.

Answered: 280 Skipped: 1

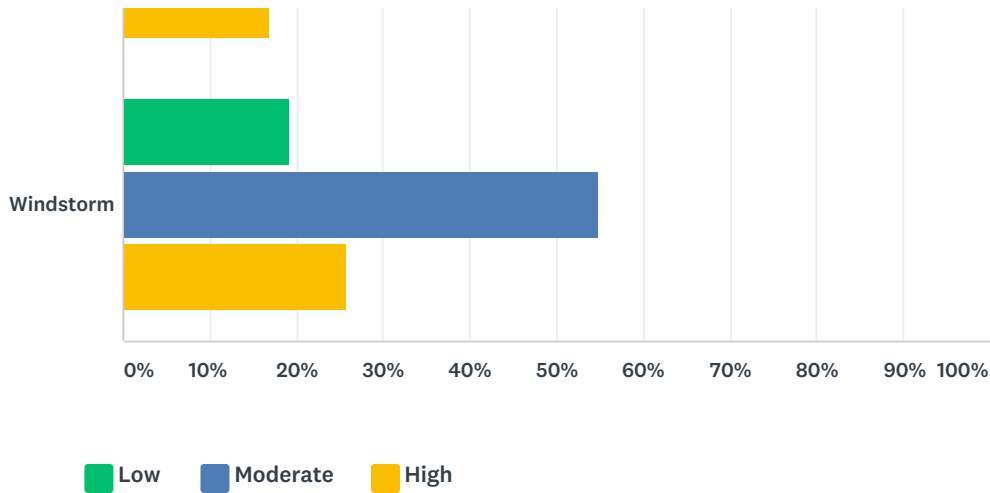




Summit County Hazard Mitigation Plan Update Public Input Survey



## Summit County Hazard Mitigation Plan Update Public Input Survey



	LOW	MODERATE	HIGH	TOTAL	WEIGHTED AVERAGE
Avalanche	5.36% 15	34.64% 97	60.00% 168	280	2.55
Severe Winter Weather	4.64% 13	20.00% 56	75.36% 211	280	2.71
Dam Incidents	37.28% 104	36.56% 102	26.16% 73	279	1.89
Landslide, Mudflow/Debris Flow, Rock Fall	10.39% 29	45.52% 127	44.09% 123	279	2.34
Wildfire	0.36% 1	8.60% 24	91.04% 254	279	2.91
Wildlife-Vehicle collisions	19.00% 53	44.09% 123	36.92% 103	279	2.18
Hazardous Materials	25.54% 71	46.76% 130	27.70% 77	278	2.02
Lightning	19.42% 54	44.60% 124	35.97% 100	278	2.17
Pest infestations (forest and aquatic)	26.62% 74	51.44% 143	21.94% 61	278	1.95
Earthquake	93.50% 259	5.42% 15	1.08% 3	277	1.08
Flood	47.65% 132	42.96% 119	9.39% 26	277	1.62
Drought	20.29% 56	42.03% 116	37.68% 104	276	2.17
Erosion/Deposition	33.70% 93	49.28% 136	17.03% 47	276	1.83
Windstorm	19.27% 53	54.91% 151	25.82% 71	275	2.07

#	OTHER (PLEASE SPECIFY)	DATE
1	Traffic when I-70 closes on winter weekends= High hazard	12/10/2019 9:19 PM
2	ice sstorm, power outage	12/7/2019 1:29 PM
3	traffic volume and gridlock	12/7/2019 4:29 AM
4	Poor air quality from wildfire smoke coming from other regions	12/7/2019 12:50 AM

## Summit County Hazard Mitigation Plan Update Public Input Survey

5	Uneducated tourists and front range fools pertaining to fire restrictions, road hazards / ice and snow, wildlife encounters, and the idea that a dirt road is a hiking trail, sledding hill, parking lot, etc.	12/7/2019 12:19 AM
6	Climate change (related to all, but needs to be specifically addressed as other hazards are identified)	12/6/2019 3:36 PM
7	Vehicle-vehicle collisions due to increasing traffic	12/6/2019 2:31 PM
8	Water Source Contamination	12/6/2019 8:09 AM
9	Air quality	12/5/2019 5:28 PM
10	Infectious Disease Outbreak, Mass Casualty Incidents	12/4/2019 3:39 PM
11	Need to put some effort into educating residents, businesses, churches and other organizations in active shooter/violence prevention and response	12/4/2019 1:40 PM
12	I-70 Shutdowns causing gridlock in the county	12/3/2019 11:50 PM
13	People infestation	12/3/2019 10:35 PM
14	Please do something to upgrade travel conditions on American Way/Ski Hill Road through Peak 7. It is tolerable during the winter months due to the snowpack, but heavily traveled and impassable during much of the remainder of the year.	12/3/2019 5:44 PM
15	Road conditions on Peak 7	12/3/2019 5:18 PM
16	Survey people on non-natural disasters/hazards (e.g. cybersecurity)	12/3/2019 5:44 AM
17	Evacuation during wildfire or other emergency.	12/3/2019 3:03 AM

## Q2 Do you have information on specific hazard issues/problem areas that you would like the planning committee to consider? Note the jurisdiction to which it applies:

Answered: 100 Skipped: 181

#	RESPONSES	DATE
1	Traffic congestion on highway 6 when I-70 closes in the winter. The highway becomes a parking lot through dillon and Silverthorne. It's impossible to go anywhere. Could cause problems for emergency vehicles.	12/10/2019 9:21 PM
2	Flooding near intersection of Airport Rd./Barton Rd. (S.C. jurisdiction) Airport Rd./Floradora Rd. (Town of Breck. jurisdiction), failure of Goose Pasture Tarn Dam (Town of Blue River jurisdiction), wildfire in the Indiana Creek drainage affect on Breckenrige area water quality (Town of Blue River jurisdiction).	12/10/2019 6:44 PM
3	Visitor education	12/10/2019 5:30 PM
4	None	12/10/2019 4:29 PM
5	If there ever is a forest fire in Laskey Gulch south of I-70, the resulting post-fire debris flows could plug the culvert at the I-70 embankment. This would compromise I-70 and Straight Creek Water supply. It would be beneficial if this were turned into a wildlife crossing with a wider opening. This would eliminate the threat of a plugged culvert and embankment failure, while also breaking the I-70 wildlife barrier between the tunnel and Silverthorne.	12/10/2019 3:21 PM
6	All of summit county... start logging. We all know as locals you don't care about the matter... it's just a matter of time that summit county turns into a fire pit and it's going to be to late because the forest service isn't doing their job	12/10/2019 6:40 AM
7	Dillon Dam. I live in Silverthorne and I have no clue what to do, where to go, etc if the dam starts breaking. That type of information should be available for anyone living below the dam.	12/8/2019 5:25 AM
8	Better and faster notifications and updates	12/8/2019 12:58 AM
9	Evacuation plans for residents	12/7/2019 11:40 PM
10	Yes, proposals by informed politicians suggesting to allow hazmat vehicles through the tunnels	12/7/2019 10:13 PM
11	Goose Pasture Tarn Dam	12/7/2019 9:28 PM
12	Yes.	12/7/2019 8:36 PM
13	N/a	12/7/2019 5:32 PM
14	no	12/7/2019 4:37 PM
15	no	12/7/2019 1:29 PM
16	Air quality from wildfires in the area and outside local area.	12/7/2019 12:51 AM
17	People sledding on snow packed roads in Peak 7, escape route from town of Breckenridge in case of evacuation, traffic issues resulting from goosenecking views, wildlife, smoke, etc.	12/7/2019 12:22 AM
18	It is obvious that the dead trees throughout Summit County present a large fire risk. The large fire breaks up in Wilderndest were the saving grace in 2018 that we did not lose the subdivision. A continued effort to address this challenge is one of the biggest priorities for Summit County.	12/6/2019 8:32 PM
19	Not at this time.	12/6/2019 6:50 PM
20	None.	12/6/2019 6:04 PM
21	N/A	12/6/2019 6:00 PM
22	Road durability, construction, longevity	12/6/2019 4:50 PM

## Summit County Hazard Mitigation Plan Update Public Input Survey

23	I know it's technically Denver Water and may not be Summit County specific, but I just want to make sure our inspections and maintenance of the dam are thorough. I don't have any reason to believe they aren't, I just look at it sometimes and think how bad it would be if that thing ever gave out (especially for Silverthorne)	12/6/2019 4:31 PM
24	No	12/6/2019 3:47 PM
25	Climate change	12/6/2019 3:37 PM
26	Imminent Fire Hazard due to Beetle kill alongside and between I-70 and homes (both the threat of fire from the interstate and the small amount of distance between the interstate and homes). - Copper Mtn.	12/6/2019 3:35 PM
27	A wildfire in the north ten mile creek. The Town of Frisco's source water for our water treatment plant is located in that area of the White River National Forest.	12/6/2019 3:28 PM
28	flooding-Frisco	12/6/2019 3:13 PM
29	No	12/6/2019 2:31 PM
30	The widening of the highway by the hospital near Frisco. It is already chaos	12/6/2019 12:27 PM
31	No	12/6/2019 7:23 AM
32	poor emergency response due to high volume traffic	12/6/2019 12:03 AM
33	Wildfire mitigation with climate change	12/6/2019 12:02 AM
34	The lack of egress on Highway 6 northbound when I70 closes	12/5/2019 11:58 PM
35	wildfires (Frisco/Ten Mile Basin/ Summit County)	12/5/2019 11:49 PM
36	No	12/5/2019 11:16 PM
37	no	12/5/2019 10:07 PM
38	Evacuations and traffic. Both ends of the county but especially Breckenridge	12/5/2019 9:28 PM
39	town responsibility for infrastructure issues	12/5/2019 9:02 PM
40	County, nuclear waste in Dam, slim but region wide impact	12/5/2019 8:47 PM
41	No	12/5/2019 8:28 PM
42	Not at this time	12/5/2019 8:16 PM
43	Blue river flooding in breckenridge	12/5/2019 7:50 PM
44	none	12/5/2019 6:29 PM
45	Air quality	12/5/2019 5:28 PM
46	Na	12/5/2019 4:33 PM
47	Involving Summit fire fighters with property walks. The guy who does it now is not a fire fighter.	12/5/2019 3:39 PM
48	No	12/5/2019 1:52 PM
49	Fire danger in all "micro communities" wilderness, blue river, ptarmigan, montezuma, north 40, french creek	12/5/2019 3:37 AM
50	Power outage	12/4/2019 9:44 PM
51	No	12/4/2019 3:13 PM
52	One thing that intrigues is that there is only one road to get through a lot of our mountain communities. And when an emergency happens so many people are stranded. Especially when visitors in our community are stranded.	12/4/2019 3:06 PM
53	county - number of short term rentals allowed contributes to our hazards with their lack of knowledge and the congestion in causes if an evacuation/emergency were to occur	12/4/2019 3:02 PM
54	No	12/4/2019 2:25 PM
55	Dust and mag chloride poisoning, Peak 7	12/4/2019 2:20 PM
56	No	12/4/2019 1:52 PM



## Summit County Hazard Mitigation Plan Update Public Input Survey

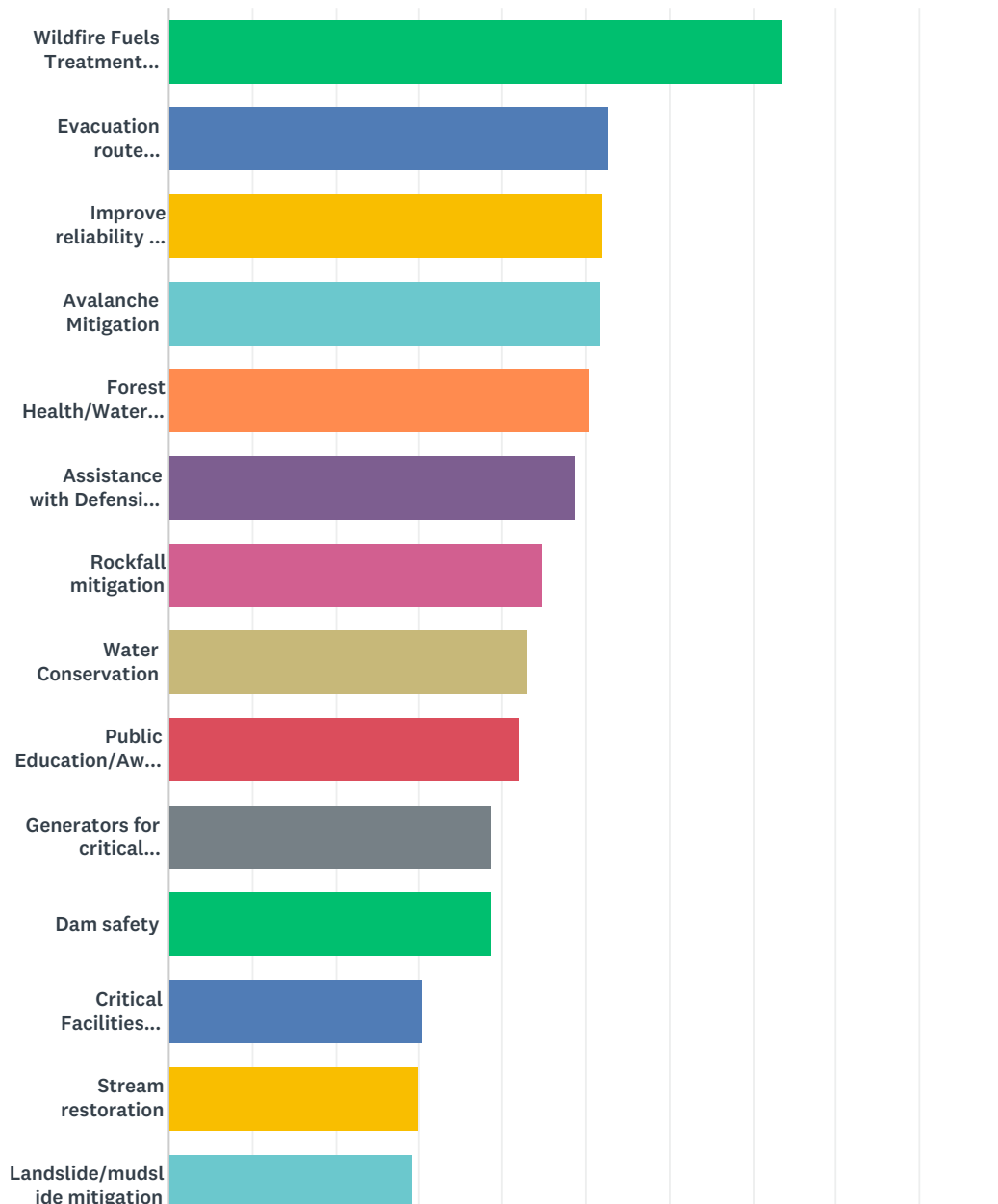
57	Need to put some effort into educating residents, businesses, churches and other organizations in active shooter/violence prevention and response	12/4/2019 1:40 PM
58	Highway Closure Information - CDOT	12/4/2019 3:05 AM
59	Emergency Lodging when avalanches occur and guests/employees are stranded due to highway closures.	12/4/2019 1:32 AM
60	Pre-identify area that can house heavy helicopters for wildfire suppression. I am a USFS helicopter manager and we got lucky on the Buffalo Fire by assuming the usage of Smith Ranch for helibase. Identify and communicate these locations to Grand Junction Interagency Dispatch.	12/4/2019 12:43 AM
61	Wildlife on I-70 corridor. Limited egress in case if emergency evacuations. Traffic when I-70 shuts down interferes w/emergency traffic.	12/4/2019 12:14 AM
62	In town gridlock due to I-70 closures... makes getting around the county impossible and unsafe in emergencies	12/3/2019 11:51 PM
63	lighting along hw 91 would be nice	12/3/2019 11:02 PM
64	I-70 should be equipped with better reflectors between lanes and the lines repainted. At night during bad weather it is impossible to see the different lanes while driving	12/3/2019 10:22 PM
65	Peak 7 road conditions are beyond need of updating.	12/3/2019 10:20 PM
66	nothing specific	12/3/2019 10:11 PM
67	Beattle Kill Treas	12/3/2019 10:06 PM
68	Not at this time	12/3/2019 9:56 PM
69	no	12/3/2019 9:55 PM
70	more communication on wildfires, current bans,	12/3/2019 9:54 PM
71	no	12/3/2019 9:33 PM
72	Wildfire	12/3/2019 9:19 PM
73	Additional road routes, Eliminate restrictions to vehicles on Dam road	12/3/2019 9:03 PM
74	The residents on the east side of HWY 9 along and above Rainbow Drive have only 2 very restricted exits out of our neighborhood even though we are close to the highway and interstate. It would be prudent to put at least one more bridge to the north end.	12/3/2019 8:55 PM
75	Peak 7- American Way/Ski Hill Road thoroughfare	12/3/2019 5:45 PM
76	Peak 7 road conditions	12/3/2019 5:18 PM
77	No	12/3/2019 3:01 PM
78	I question the ability to evacuate with limited egress and the number of tourists. Even the road closures for snow and accidents create issues and those are minor in comparison to a real crisis.	12/3/2019 1:50 PM
79	Wildfire	12/3/2019 1:33 PM
80	Wild life interactions in incorporated summit like Summit Cove Trailer Park	12/3/2019 7:29 AM
81	Wildlife vehicle collisions; county wide	12/3/2019 6:07 AM
82	Countywide, cybersecurity	12/3/2019 5:44 AM
83	I would like to see the fire dept at Copper designated as a shelter, warming station as it was before Dillon took over.	12/3/2019 4:31 AM
84	Traffic and the inability to go through Silverthorne when the interstate closes	12/3/2019 4:21 AM
85	Peak 7 roads potholes, mud, ice in winter	12/3/2019 4:11 AM
86	Lack of exit routes in blue river	12/3/2019 4:05 AM
87	Evacuation during any natural disaster	12/3/2019 3:57 AM
88	No	12/3/2019 3:18 AM
89	Evacuation in Breckenridge	12/3/2019 3:03 AM
90	Goose pasture tarn damn	12/3/2019 2:53 AM

## Summit County Hazard Mitigation Plan Update Public Input Survey

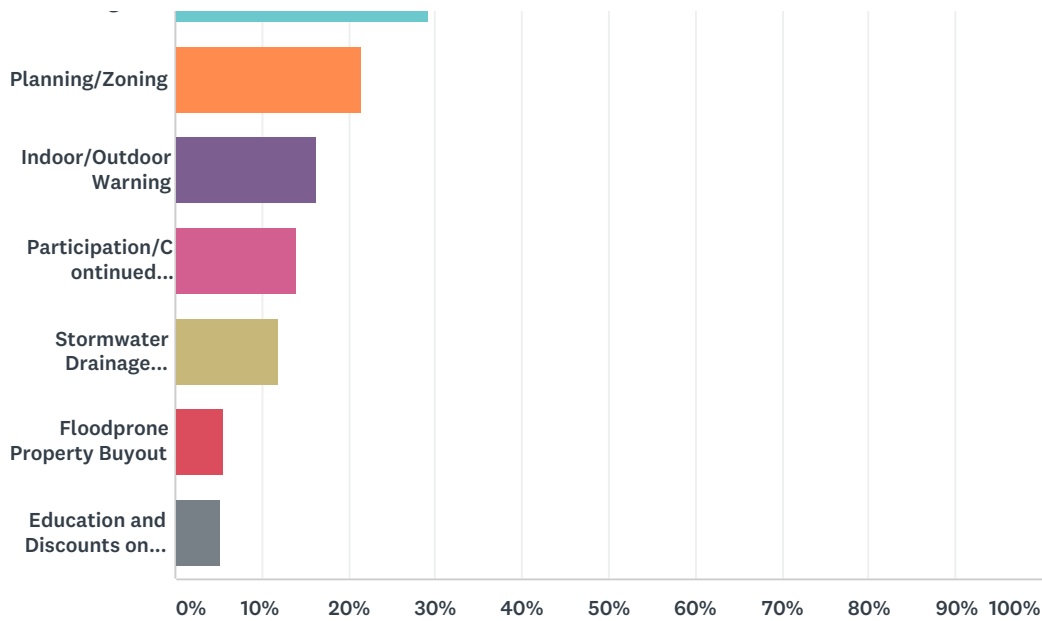
91	Unnecessary road closures across the county. Roads are often closed for snowstorms when they truly are not unsafe, causing meaningless delays	12/3/2019 2:44 AM
92	Rwb fire	12/3/2019 2:35 AM
93	Ability for evacuation should any of these events occur or places to shelter in place when can't make it home	12/3/2019 2:32 AM
94	In the Hoosier pass area, many roads with high grade are not maintained.	12/3/2019 2:31 AM
95	Squatters in the National Forest leaving fires unattended	12/3/2019 2:16 AM
96	Evacuation	12/3/2019 2:13 AM
97	Forest fires	12/3/2019 2:11 AM
98	Traffic flow during peak times of year and lack of infrastructure to solve this issue. County wide..	12/3/2019 2:07 AM
99	Fire risk to wildernest/Mesa cortina in Silverthorne. Good job June 2018	12/3/2019 2:04 AM
100	Wealthy people build their homes right up against the forest, then they whine about fuel mitigation projects.	12/3/2019 1:04 AM

Q3 Mitigation is defined as actions that can be taken to reduce or eliminate the long-term risk to hazards, prior to an event occurring. One example of a mitigation action in our community is a proposed rehabilitation project of the Goose Pasture Dam to reduce the risk of failure and protect the Town of Breckenridge. This multi-million dollar project is currently being considered for a FEMA grant. The following types of mitigation actions may also be considered in Summit County. Please indicate the types of mitigation actions that you think should have the highest priority in the Summit County Hazard Mitigation Plan.

Answered: 250 Skipped: 31



## Summit County Hazard Mitigation Plan Update Public Input Survey



ANSWER CHOICES	RESPONSES	
Wildfire Fuels Treatment projects	73.60%	184
Evacuation route development	52.80%	132
Improve reliability of communications systems	52.00%	130
Avalanche Mitigation	51.60%	129
Forest Health/Watershed Protection	50.40%	126
Assistance with Defensible Space	48.80%	122
Rockfall mitigation	44.80%	112
Water Conservation	43.20%	108
Public Education/Awareness	42.00%	105
Generators for critical facilities	38.80%	97
Dam safety	38.80%	97
Critical Facilities Protection	30.40%	76
Stream restoration	30.00%	75
Landslide/mudslide mitigation	29.20%	73
Planning/Zoning	21.60%	54
Indoor/Outdoor Warning	16.40%	41
Participation/Continued Participation in the National Flood Insurance Program	14.00%	35
Stormwater Drainage Improvements	12.00%	30
Floodprone Property Buyout	5.60%	14
Education and Discounts on Flood Insurance	5.20%	13
Total Respondents: 250		

## Q4 Please comment on any other pre-disaster mitigation actions that the planning committee should consider for reducing future losses caused by natural disasters:

Answered: 47   Skipped: 234

#	RESPONSES	DATE
1	cutting around critical structures that should be defended.	12/12/2019 11:56 PM
2	Zoning for less density in the wildland-urban interface.	12/10/2019 6:47 PM
3	Committee should consider actions that have a favorable cost-benefit relationship and reduce risk (as defined by the probability of an event and the consequence of the event).	12/10/2019 3:24 PM
4	Ban campfires year round in the Eagles Nest Wilderness	12/8/2019 5:28 AM
5	Letter will be sent separately.	12/7/2019 8:39 PM
6	n/a	12/7/2019 5:36 PM
7	Fund and/or encourage cell phone companies to install more towers to provide better coverage when land-line communication methods are not available. For example, a recent Verizon tower installed in Eagles Nest still provides almost no coverage at the top of the neighborhood and surrounding forests.	12/7/2019 5:30 PM
8	fuel reduction - clear cut perimeter of towns	12/7/2019 4:40 PM
9	Visitor and non-full time local education	12/7/2019 12:27 AM
10	Identifying and addressing wildfire danger.	12/6/2019 8:42 PM
11	Fire mitigation is utmost concern for me.	12/6/2019 6:55 PM
12	CodeRed	12/6/2019 6:05 PM
13	N/A	12/6/2019 6:01 PM
14	Keeping changing weather patterns in mind with avalanche mitigation as to avoid incidents like last year, however unlikely.	12/6/2019 3:50 PM
15	Our emergency evacuation plan for the county seems ripe for complete chaos. Say a disaster should occur on a Fri-Sun? Every single weekend our road ways are clogged due to traffic surge and if there is an actual emergency the sheer volume of cars on the roadway would absolutely cripple our ability to flee	12/6/2019 3:41 PM
16	rapid climate action to reduce increased stress on all our natural systems	12/6/2019 3:38 PM
17	Shelters in each community during disasters.	12/6/2019 3:37 PM
18	Defensible space	12/6/2019 3:36 PM
19	More enforcement on existing mitigation-related laws, i.e. fire restrictions and tracion laws.	12/6/2019 2:33 PM
20	Communication on rockfall mitigation especially when the county decides to do mitigation over a holiday weekend!!	12/6/2019 12:30 PM
21	controlling the tourism population	12/6/2019 12:06 AM
22	Wildfire education and fire bans all summer	12/6/2019 12:04 AM
23	n/a	12/6/2019 12:00 AM
24	county-wide defensible space	12/5/2019 11:50 PM
25	Detailed, published, and workable evacuation plans	12/5/2019 10:57 PM
26	None at this time	12/5/2019 8:18 PM
27	Na	12/5/2019 4:36 PM

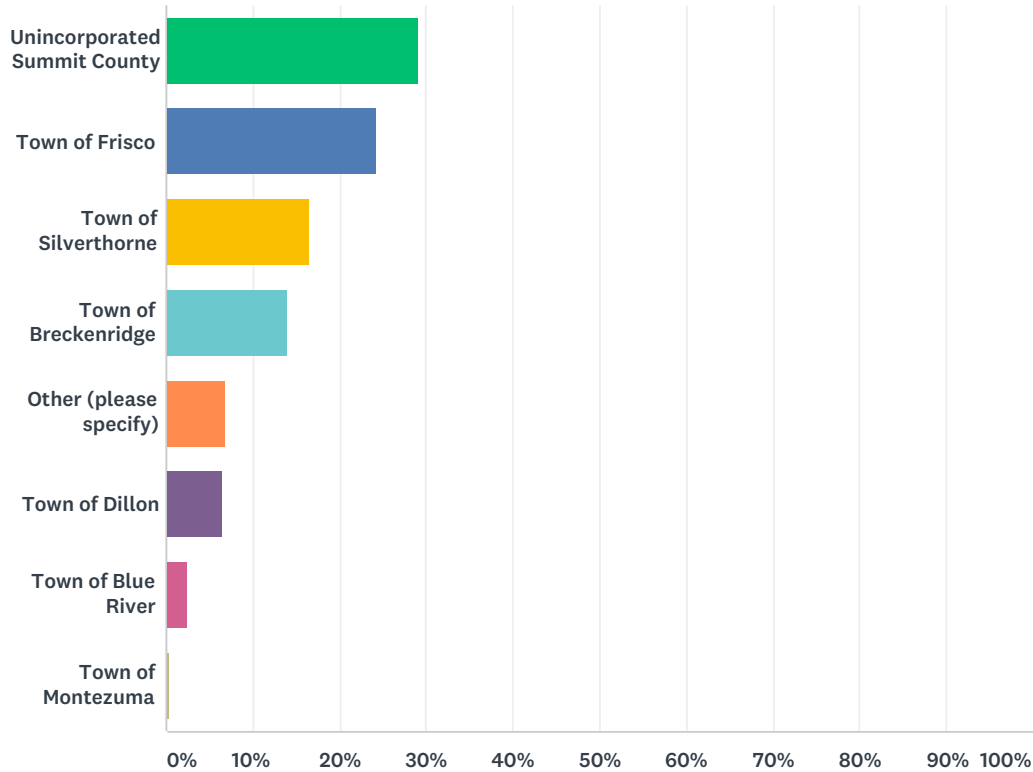


## Summit County Hazard Mitigation Plan Update Public Input Survey

28	Clearing all dead down and standing	12/5/2019 3:45 PM
29	Give people the tools and education to the people, because they aren't going to seek them out themselves...sadly	12/5/2019 3:40 AM
30	anything for wildfire	12/4/2019 9:46 PM
31	Runoff collection ponds below "popular" hazmat accident sites to minimize damages. Loveland pass hairpins, runaway truck ramps, etc. Or other motor vehicle accident prone area improvements.	12/4/2019 2:31 PM
32	Improve access for emergency vehicles by paving Peak 7	12/4/2019 2:21 PM
33	na	12/4/2019 1:55 PM
34	Hardening of Telecom links in and out of the county.	12/4/2019 3:11 AM
35	Evacuation preparedness	12/4/2019 12:44 AM
36	Evacuation Drills - avoid same problem as Paradise CA	12/3/2019 11:35 PM
37	forrest service removal of beattel kill	12/3/2019 11:04 PM
38	nothing specific	12/3/2019 10:12 PM
39	none at this time	12/3/2019 9:57 PM
40	avalanche zone signs on i-70 and hwhy 91, like they have east of Loveland	12/3/2019 9:56 PM
41	Additional road connections in summit county to provide alternative routes	12/3/2019 9:06 PM
42	I think wildfire was s the big great threat	12/3/2019 4:24 AM
43	Where people evacuated can go, partnerships with other counties if the whole/most county needs evacuation	12/3/2019 2:36 AM
44	Public awareness of evacuation plans, wildfire mitigation.	12/3/2019 2:16 AM
45	We need to police the forest with all the people who live out there and camp that are leaving fires burning and who do not adhere to the bans.	12/3/2019 2:14 AM
46	Education	12/3/2019 2:13 AM
47	Advocating for steep emissions reductions at the state and federal levels to mitigate against climate change. Incentives for solar installations and battery storage to reduce vulnerability to power outages.	12/3/2019 1:10 AM

## Q5 Indicate the community you live in

Answered: 248 Skipped: 33



ANSWER CHOICES	RESPONSES	
Unincorporated Summit County	29.03%	72
Town of Frisco	24.19%	60
Town of Silverthorne	16.53%	41
Town of Breckenridge	14.11%	35
Other (please specify)	6.85%	17
Town of Dillon	6.45%	16
Town of Blue River	2.42%	6
Town of Montezuma	0.40%	1
<b>TOTAL</b>		<b>248</b>

#	OTHER (PLEASE SPECIFY)	DATE
1	I live in Leadville but work for Town of Frisco.	12/7/2019 5:37 PM
2	Silversheckle	12/6/2019 3:42 PM
3	Dillon Valley	12/6/2019 3:37 PM
4	Buena Vista	12/5/2019 11:19 PM
5	Littleton	12/5/2019 4:37 PM
6	(CMCMD) Copper Mountain Resort	12/4/2019 3:09 PM

## Summit County Hazard Mitigation Plan Update Public Input Survey

7	Breckenridge, Peak 7	12/4/2019 2:22 PM
8	Copper Mountain	12/4/2019 1:21 AM
9	Summit Cove	12/3/2019 11:40 PM
10	leadville	12/3/2019 11:04 PM
11	Copper Mountain	12/3/2019 10:11 PM
12	Copper	12/3/2019 10:08 PM
13	Copper Mountain	12/3/2019 10:03 PM
14	Keystone	12/3/2019 12:33 PM
15	Copper	12/3/2019 6:00 AM
16	Wilderness	12/3/2019 2:39 AM
17	I live in Park now but we have the same issues here. When we had the fire in Breck one of the fireman said that if the town were to go up in flames people will burn alive because the infrastructure can't handle a mass exodus. It scares me for all of summit county.	12/3/2019 2:15 AM

Q6 Optional: Provide your name and email address if you would like to be added to a distribution list for upcoming activities related to the planning process:

Answered: 37      Skipped: 244

[illegible]

## Summit County Hazard Mitigation Plan Update Public Input Survey




**From:** Brian Bovaird <Brian.Bovaird@summitcountyco.gov>  
**Sent:** Thursday, February 20, 2020 7:48 AM  
**To:** Aaron Byrne; Addison Canino (addisonc@townoffrisco.com); Ali Richards (alisonrichards@fs.fed.us); Carr, Amy; Bec Bale (bbale@coppercolorado.com); Becky Franco; Bill Gibson (billg@townoffrisco.com); Bill Jackson (wfjackson@fs.fed.us); Birch Barron (birch.barron@eaglecounty.us); blair@summitchamber.org; Brian Lorch; Brislawn, Jeff P; Bruce Farrell; Bryan Webinger; Cailee Hamm - Lake County OEM (lakecountyoe@gmail.com); Chris Shelden (cshel@silverthorne.org); Ciazza, Lisa; Dan Hendershott; Dan Schroder (dan.schroder@colostate.edu); Dana Miller; David Askeland (daskeland@coloradomtn.edu); David Paradysz (dparadysz@vailresorts.com); Deborah Polich; Deric Gress (dericg@townofbreckenridge.com); Doozie Martin (doozie@fdrd.org); Drew Adkins; Drew Petersen (drew.petersen@state.co.us); Ellen Reid (ereid@keystonescienceschool.org); Ethan Greene (ethan.greene@state.co.us); Flenniken, Kelly; Fritz Homann (william.homann@state.co.us); Howard Hallman (future1946@yahoo.com); James Donlon; James Phelps (jamesp@townofbreckenridge.com); Jamie Yount (jamie.yount@state.co.us); Jared Rapp (jared.rapp@state.co.us); Jay Nelson; Jeanne Bistranin (jeanne@summitfoundation.org); Jeff Berino; Jeff Goble (jeffg@townoffrisco.com); Jeff Leigh - Mesa Cortina Water and Sewer District; Jeff Zimmerman; Jeffrey Huntley; jhall@summitfire.org (jhall@summitfire.org); Jim Baird - Breckenridge Police Department (JBaird@townofbreckenridge.com); Jim Curnutte; John Blackwell (john.blackwell@denverwater.org); Johnson, Tyler; Julie Sutor; julie.mccluskie.house@state.co.us; Kathie Atencio (atencio.kathie@epa.gov); Kathleen Krebs (kkrebs@co.clear-creek.co.us); Kevin Houck (kevin.houck@state.co.us); Mark Thompson (DHSEM); Mark Watson; MarkHeminghous@TownofDillon.com; Matt Willitts; mayorzuma@gmail.com; 'Michelle Eddy'; Nancy Kerry (nancyk@townoffrisco.com); Patricia Gavelda (patricia.gavelda@state.co.us); Rick Speer; rickh@townofbreckenridge.com; Robert Jacobs; Ryan Hyland; Sarah Vaine; Scott Hill; Scott O'Brien; Scott Reid; Shellie Duplan; Susan Alexander (sjalexander@csu.org); Tamara Drangstveit (TamaraD@summitfirc.org); Tara Gourdin; Tom Daugherty (tdaugherty@silverthorne.org); Tom Gosiorowski; Tom Oberheide; Tony Cammarata (tonyc@a-basin.net); Treste Huse - NOAA Federal; Troy Wineland  
**Subject:** Draft Mitigation Plan Public Review

Good morning,

A draft of the updated Hazard Mitigation Plan has been uploaded to the county webpage for public review and comment until March 3<sup>rd</sup> ( [www.summitcountyco.gov/emergencymanagement](http://www.summitcountyco.gov/emergencymanagement) ). Along with the plan is a link for a survey. There will be a press release that goes out today, detailing this information. Please encourage your networks to review the plan and provide feedback through the online survey.

Regards,  
Brian



**Brian Bovaird, MA., CEM**  
**Director of Emergency Management**

208 E. Lincoln Avenue | P.O. Box 68 | Breckenridge, CO 80424  
970.668.2999 (o) | 970.485.5339 (c) | 970.453.3535 (f)

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Natural Hazard Plans

Hazard Risks

Preparedness

Summit County Alert

Emergency Blog

Blog de Emergencia

Home » Departments » Emergency Services » Emergency Management

## Emergency Management

The mission of the Summit County Office of Emergency Management is to provide coordination of elected offices and county departments in preparedness, protection, mitigation, response, and recovery to emergencies and disasters.

### Draft Hazard Mitigation Plan Update

Summit County is in the process of updating our hazard mitigation plan. We welcome feedback and input from the community. Read the [draft plan \(pdf\)](#).

Complete a [survey to provide feedback](#) on the draft plan.

### Summit County Fire Restrictions

Effective Tuesday, Oct. 22, 2019, the Board of County Commissioners has lifted Stage 1 fire restrictions in Summit County. View [statewide fire restriction and fire danger information](#) across Colorado.

### Local Hazard Risks

Summit County has a number of hazard risks, including avalanches, floods, wildfires and severe weather, among others. Learn more about [hazard risks in Summit County](#).



[BMMD Info](#) ▾ [Fees/Billing](#) ▾ [Rules/Regulations](#) ▾ [Services](#) ▾ [Emergencies](#) ▾ [Contact](#) ▾ [Home](#)

[Emergencies](#) > [County Hazard Mitigation Plan Update](#)

## County Hazard Mitigation Plan Update

Summit County is seeking public input on the updated Summit County Hazard Mitigation Plan. The plan assesses the risks posed by natural and man-made hazards and identifies ways to reduce those risks.

This plan outlines what Summit County is doing to minimize the impacts of floods, avalanches, wildfires, hazardous materials incidents and other hazards," Summit County Emergency Management Director Brian Bovaird said.

During the past five months, a hazard mitigation planning committee updated the plan with assistance from a consultant. The committee includes representatives from various County departments, all local municipalities, various special districts and other stakeholders.

The plan identifies hazard mitigation goals and a variety of mitigation projects, with the intent of reducing losses from hazard events before they occur. The planning committee is now soliciting public comment on the plan before it is finalized and submitted for review and approval by the Federal Emergency Management Agency.

The draft plan can be found online at [www.SummitCountyCO.gov/emergencymanagement](http://www.SummitCountyCO.gov/emergencymanagement). Public comments on the draft plan are due by March 3.



#1

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, February 25, 2020 8:19:16 AM  
**Last Modified:** Tuesday, February 25, 2020 8:19:29 AM  
**Time Spent:** 00:00:12  
**IP Address:** 70.89.162.141

---

Page 2: Affiliation

**Q1** Select affiliation (select one): **Member of the public**

---

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here: **Respondent skipped this question**

---

#2

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, February 25, 2020 10:47:10 AM  
**Last Modified:** Tuesday, February 25, 2020 10:47:30 AM  
**Time Spent:** 00:00:20  
**IP Address:** 70.89.162.141

---

Page 2: Affiliation

**Q1** Select affiliation (select one): **Government - Local**

---

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here: **Respondent skipped this question**

---

## #3

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, February 25, 2020 9:20:15 AM  
**Last Modified:** Tuesday, February 25, 2020 11:10:25 AM  
**Time Spent:** 01:50:09  
**IP Address:** 70.89.162.141

---

Page 2: Affiliation

**Q1** Select affiliation (select one): **Member of the public**

---

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here:

Please finish the first paragraph on page 3-29. Unable to locate where these faults are depicted?

Page 3-34: "Common types of flooding that can occur in Summit County..." Add Ice Dams/Jams

Page 3-41: "Spring 1996—Flooding occurred on the Blue River in Breckenridge and on Straight Creek in Dillon Valley. Straight Creek Drive was washed out and has since been repaired with a culvert." To be consistent with other statements in this section: Straight Creek Drive was washed out and a larger culvert was installed and should mitigate future events.

Page 3-43: The Right to Know Network ([www.rtk.net](http://www.rtk.net)), unable to open website.

Page 3-44: Why wouldn't Copper Mountain be on the Tier II list?

Old Dillon Reservoir is not mentioned as contributing to a potential hazard, such as flooding, contamination. etc.

---

## #4

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, February 27, 2020 8:02:03 AM  
**Last Modified:** Thursday, February 27, 2020 8:02:29 AM  
**Time Spent:** 00:00:25  
**IP Address:** 107.77.201.150

---

Page 2: Affiliation

**Q1** Select affiliation (select one): **Member of the public**

---

Page 3: Comments



**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here:

Respondent skipped this question

#5

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, February 27, 2020 9:47:10 AM  
**Last Modified:** Thursday, February 27, 2020 9:47:39 AM  
**Time Spent:** 00:00:29  
**IP Address:** 98.102.248.18

Page 2: Affiliation

**Q1** Select affiliation (select one):

Member of the public

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here:

Respondent skipped this question

#6

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, February 27, 2020 1:05:49 PM  
**Last Modified:** Thursday, February 27, 2020 1:06:24 PM  
**Time Spent:** 00:00:34  
**IP Address:** 73.203.52.254

Page 2: Affiliation

**Q1** Select affiliation (select one):

Member of the public

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here:

Respondent skipped this question

#7

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Thursday, February 27, 2020 2:25:00 PM  
**Last Modified:** Thursday, February 27, 2020 2:25:30 PM  
**Time Spent:** 00:00:30  
**IP Address:** 96.81.49.174

---

Page 2: Affiliation

**Q1** Select affiliation (select one): **Member of the public**

---

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here: **Respondent skipped this question**

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#8

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, February 28, 2020 7:28:47 AM  
**Last Modified:** Friday, February 28, 2020 7:29:07 AM  
**Time Spent:** 00:00:19  
**IP Address:** 104.51.217.4

---

Page 2: Affiliation

**Q1** Select affiliation (select one): **Member of the public**

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Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here: **Respondent skipped this question**

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#9

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, February 28, 2020 8:27:41 AM  
**Last Modified:** Friday, February 28, 2020 8:28:08 AM  
**Time Spent:** 00:00:27  
**IP Address:** 162.228.246.79

---

Page 2: Affiliation

**Q1** Select affiliation (select one):

**Member of the public**

---

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here:

**Respondent skipped this question**

---

#10

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, February 28, 2020 1:40:59 PM  
**Last Modified:** Friday, February 28, 2020 1:42:43 PM  
**Time Spent:** 00:01:44  
**IP Address:** 104.129.202.51

---

Page 2: Affiliation

**Q1** Select affiliation (select one):

**Member of the public**

---

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here:

v

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#11

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, February 28, 2020 5:15:26 PM  
**Last Modified:** Friday, February 28, 2020 5:15:57 PM  
**Time Spent:** 00:00:30  
**IP Address:** 174.245.195.226

---

Page 2: Affiliation

**Q1** Select affiliation (select one): **Member of the public**

---

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here: **Respondent skipped this question**

---

#12

INCOMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, March 03, 2020 3:39:53 PM  
**Last Modified:** Tuesday, March 03, 2020 3:56:09 PM  
**Time Spent:** 00:16:15  
**IP Address:** 75.151.92.61

---

Page 2: Affiliation

**Q1** Select affiliation (select one): **Member of the public**

---

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here: **Respondent skipped this question**

---

#13

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, March 03, 2020 10:19:31 PM  
**Last Modified:** Tuesday, March 03, 2020 10:32:14 PM  
**Time Spent:** 00:12:43  
**IP Address:** 24.40.88.252

---

Page 2: Affiliation

**Q1** Select affiliation (select one): **Nonprofit**

---

Page 3: Comments

**Q2** Please provide comments regarding the Draft Update of the Summit County Multi-Hazard Mitigation Plan here:

Very thorough.

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