

ADA COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN PROGRESS REPORT

Reporting Period

The reporting period for this progress report is *08-04-2022* through *08-04-2023*.

Background

Ada County and participating local cities and districts developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, the participating planning partners organized resources, assessed risks from natural hazards, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By completing this process, these jurisdictions maintained compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act. The plan can be viewed on-line at:

<https://adacounty.id.gov/emergencymanagement/mitigation/>

Purpose

The purpose of this report is to provide a progress report on the implementation of the mitigation initiatives identified in the Ada County Multi-Hazard Mitigation Plan (MHMP). The objective is to ensure that there is a continuing planning process that will keep the MHMP dynamic and responsive to the needs and capabilities of Ada County, the local jurisdictional planning partners and stakeholders.

Steering Committee

For the reporting period, the committee membership is listed in Table 1. Each jurisdiction/organization has a single representative with one vote on the committee. In many instances, multiple individuals are listed from a single organization, in these cases there is a primary representative with another person to act as a backup should the primary not be available for a meeting.

TABLE 1 COMMITTEE		
Name	Title	Jurisdiction/Agency
Phil Bandy-Ogden	Steering Committee Chair	Citizen
Lloyd Carnegie	Maintenance Manager	Ada County Highway District (ACHD)
Dale Kuperus	Engineering Manager	Ada County Highway District (ACHD)
Benny Wells	Assistant Manager, Emergency Management	Boise State University
Barbara Beagles	Environmental Health Officer	Boise State University
Mallory Wilson	Emergency Preparedness Coordinator	City of Boise
Rachel Holford	Emergency Preparedness Manager	City of Boise
Mike Williams	Planner III/Floodplain Administrator	City of Eagle
Colin Schmidt	Director of Public Works	City of Garden City
Jenah Thornborrow	Director of Development Services	City of Garden City
Joanna Hopson	Business Programs Manager	City of Meridian
Jason Korn	Environmental Programs Coordinator	City of Meridian
Mark Zirschky	District Manager	Flood Control District #10 (FCD10)
Scott Buck	Fire Marshal	Eagle Fire Protection District (EFD)
Chris Colson	Executive Director	Land Trust of the Treasure Valley

Susan Cleverley	Idaho Office of Emergency Management	Mitigation Section Chief
Lorrie Pahl	Idaho Office of Emergency Management	Mitigation Planner
Lila Klopfenstein	Associate Planner	Community Planning Association
Hunter Mulhall	Principal Planner	Community Planning Association
Marci Anderson	Idaho Power	Security Programs and Business Continuity Leader
Chris Davidson	Idaho Power	Security Programs and Business Continuity Manager
Kelly Armstrong	Emergency Services Program Coordinator	Micron Technology, Inc.
Kelly Terashima	Manager Emergency Services	Micron Technology, Inc.
Mike Meyers	Water District #63	Water Master
Paul "Crash" Marusich	Deputy Director, Ada County EMCR	Unincorporated Ada County
Zach Kirk	County Engineer/Floodplain Administrator	Unincorporated Ada County

Summary Overview of the Plan's Progress

The performance period for the Ada County Multi-Jurisdictional Hazard Mitigation Plan became effective on 11-09-2022 with the final approval of the plan by FEMA. The initial performance period for this plan will be 5 years, with an anticipated update to the plan to occur before 09-01-2027. As of this reporting period, the performance period for this plan is considered to be 4% complete. The Ada County Multi-Jurisdictional Hazard Mitigation Plan has targeted 263 hazard mitigation actions to be pursued during the 5-year performance period. As of the reporting period, the following overall progress can be reported:

- 28 out of 263 initiatives (11%) reported progress toward completion.
- 25 out of 263 initiatives (9%) reported no action taken.
- 11 out of 263 initiatives (4%) were completed.
- 198 out of 263 initiatives (75%) indicated work is conducted as an ongoing capability.
- 1 initiative was removed due to elimination of a program.

Review of the Action Plan

Table 2 reviews the action plan, reporting the status of each initiative.

TABLE 2 ACTION PLAN MATRIX				
Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
Ada County Highway District (ACHD)				
ACHD-001 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Short Term (<5yrs.)	No	Ongoing	Ongoing Capability
ACHD-002 - Support county-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	No	Ongoing	Ongoing Capability
ACHD-003 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No	Ongoing - providing annual 2022 update	Ongoing Capability
ACHD-004 - Prevent Pintail/Drake/Widgeon flooding by tree removal or annual root pruning to clear roots growing into the lines.				
Yes	Short Term (<5yrs.)	No	Ongoing - plans complete, waiting to schedule repairs. Ongoing flooding problem for 10+ years. Vactor truck must pump during routing storms. Storm drain under capacity, two 18" pipes converge and leave as one 18". ACHD is initiating topographic surveys to look at solutions.	Ongoing Capability
ACHD-005 - Partner with the City of Meridian to facilitate the replacement of roadway culverts to include design and construction of crossings on Fivemile, Ninemile, Eightmile and Tenmile Creeks. (Coordinates with City of Meridian Action M-14)				
Yes	Long Term (5+yrs.)	No	Culvert at Nine Mile Creek and N Meridian Rd was replaced with Meridian Split Corridor project. Culvert at Nine Mile Creek and N. Ten Mile replaced with road	Ongoing Capability

			project. Culvert on Ten Mile Creek and Locust Grove is in ACHD Integrated Five Year Work Plan to begin design in FY2023. Culvert on Five Mile at S. Topaz Ave is in ACHD Integrated Five Year Work Plan to begin design in FY2022. Culvert on Five Mile at S Wells St is in ACHD Integrated Five Year Work Plan to begin design in FY2024. Culvert on Five Mile Creek and E. Badley Ave should not have been on the list and therefore is removed.	
ACHD-006 - Snowflake and Crocus Pipe Realignment. Realign storm drain from the back yards to the street and increase the pipe size to reduce restrictions. Ongoing problem for ACHD Drainage Crew. Vactor truck must pump during routine storms.				
Yes	Short Term (<5yrs.)	No	Pipe is on private property and is therefore the property owners responsibility to repair.	Discontinued
ACHD-007 - Create a Storm Water Utility				
No	Long Term (5+yrs.)	No	No progress to report.	No Progress
ACHD-008 - Remove sediment from all public street storm water ponds (approximately 1,324 ponds).				
Yes	Short Term (<5yrs.)	No	Completed on an "as needed" basis	Ongoing Capability
ACHD-009 - Survey Boise River bridge structures and compare to 100 year flood water surface elevation				
No	Short Term (<5yrs.)	No	No progress to report	No Progress
ACHD-010 - Eckert Road Bridges #2147 and #2148 replacement over the Boise River				
Yes	Long Term (5+yrs.)	No	Scheduled in the ACHD Integrated Five Year Work Plan for conceptual design in FY2024	Ongoing Capability
ACHD-011 - Fairview Avenue Bridges #2196 and #2197 replacement over the Boise River.				
Yes	Long Term (5+yrs.)	No	Project is listed in the 2020-2024 ACHD Integrated Five Year Work Program to have conceptual design in FY2022.	In Progress
ACHD-012 - Linder Road Bridges #1078, #2035, and #2036 replacement over the Boise River.				

Yes	Long Term (5+yrs.)	No	Have scheduled in ACHD Integrated Five Year Work Plan to begin design in FY2024	In Progress
ACHD-013 - Relocate ACHD Traffic Management Center to a new location (to be decided) outside of floodplain.				
Yes	Long Term (5+yrs.)	No	TMC is planned to be relocated to Franklin Rd Facility by 2025, or facility is built.	In Progress
ACHD-014 - Develop and implement more Green Stormwater Infrastructure standards to stabilize slopes and drainage facilities and prevent erosion				
Yes	Short Term (<5yrs.)	No	GSI policy and design standards created in 2017.	Ongoing Capability
ACHD-015 Move Adams Maintenance Operations out of flood plain adjacent to Boise River.				
Yes	Long Term (5+yrs.)	No	Currently in design phase of new Apple Maintenance Yard. Added since the 2022 MHMP Plan update. Supports Objectives 1,3,7,9,10 in relation to Flooding and Extreme Weather.	In Progress
City of Boise				
B-001 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Long Term (5+yrs.)	No	Current discussions and analysis of potential plans are ongoing.	Ongoing Capability
B-002 - Evaluate and integrate the hazard mitigation plan into other plans, ordinances and programs that dictate land use decisions in the community.				
Yes	Short Term (<5yrs.)	No	Ongoing process as departments review programs and future plans.	Ongoing Capability
B-003 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No	Key representatives from each identified area continue to coordinate and provide information to and from their respective areas.	Ongoing Capability
B-004 - Continue to maintain good standing and compliance under the NFIP through implementation of floodplain management programs that, at a minimum, meet the NFIP requirements: • Enforce the flood damage prevention ordinance. • Participate in floodplain identification and mapping updates. • Provide public assistance/information on floodplain requirements and impacts.				

Yes	Short Term (<5yrs.)	No	The City continues to maintain good standing under the program. We meet or exceed the NFIP requirements through enforcement of our ordinance. City adopted a new flood insurance study that expanded the boundaries of the floodplain. A concurrent amendment, updating the regulations for development in the floodplain was approved. Both the new floodplain maps and regulations became effective June 19, 2020.	Ongoing Capability
B-005- Coordinate with community stakeholders in both the public and private sectors to identify and pursue adaptive capacity strategies that could improve community resilience in relation to future climate conditions.				
Yes	Short Term (<5yrs.)	No	Boise Public Works is completing an initial analysis of resilience opportunities related to climate change with the goal of identifying initial resilience priorities for further planning and potential implementation.	Ongoing Capability
B-006 - Esther Simplot Park Flood Channel; a flood study (modeling) of the Boise River between Main St. and Veteran's Memorial Park bridges is underway and will determine if a project to modify overbank areas in the park to reduce flood potential is necessary.				
Yes	Short Term (<5yrs.)	No	Construction was completed as part of Esther Simplot Whitewater Park Phase 2 project this past year. The final Letter of Map Revision (LOMR) will be submitted to FEMA for approval late this year (2021). With the LOMR approval the Flood Insurance Rate Maps (FIRM) will be modified in this area to include all improvements and increased conveyance channels.	Ongoing Capability
B-007 - Complete a Wildland-Urban Interface (WUI) risk assessment (a GIS exercise looking at vegetation in the undeveloped area, age of homes and other relevant factors). Improve individual parcel data with wildfire assessments. Provide a public portal to share data and educate on risk and community wildfire adaptation. (Coordinates with North Ada County Fire & Rescue Action NACFR-5 and Whitney Fire Protection District Action WFD-9)				
Yes	Short Term (<5yrs.)	No	This is an ongoing program, which will likely need additional future funding to conduct updates to the Riskmap (e.g. LiDAR, Rapid Eye imagery and data translation).	Ongoing Capability
B-008 - Conduct wildland fire prevention education and outreach via the internet, social media and direct public outreach to support and promote fire adapted communities. Focus on fuel reduction on private property around new and existing homes via incentivizing homeowners, providing free debris pick-up and replacement Firewise				

vegetation at a discount. (Coordinates with North Ada County Fire & Rescue Action NACFR-14, Whitney Fire Protection District Action WFD-7)				
Yes	Short Term (<5yrs.)	No	Consistent funding mechanisms will need to be found to create an annual woody debris pickup program.	Ongoing Capability
B-009 - Flood Containment Facility Maintenance: Continue to maintain foothills flood containment facilities such as the Cottonwood flood ponds and flume, etc.				
Yes	Short Term (<5yrs.)	No	Ongoing indefinitely. Facilities are inspected, monitored and maintained on reoccurring basis.	Ongoing Capability
B-010 - Continue to maintain/enhance the City's classification under the Community Rating System				
Yes	Other, please specify	No	We will maintain or Class 6 rating at a minimum. Our annual public outreach letters include detailed information including a flood map, the history and the nature of flood events in Boise, how the floodplain is regulated, how to prepare for and maintain safety in flood events and a detailed list of contacts. Boise provides proof of all the monitoring, record keeping, reporting, system maintenance and training necessary for a Class 6 rating. The recent amendment to the development code will help maintain the rating.	Ongoing Capability
B-011 - Update, adopt, and enforce a new Wildland Urban Interface (WUI) Code to replace the existing code. Improve and update existing WUI hazard zones. (Coordinates with North Ada County Fire & Rescue Action NACFR-3, Whitney Fire Protection District Action WFD-3)				
Yes	Short Term (<5yrs.)	No	The City of Boise is currently leading a working group on adopting a consistent area-wide WUI code, and will be updating the Boise City Code as part of this process.	Ongoing Capability
B-012 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern				
Yes	Other, please specify	No	Ongoing discussions and considerations during all project planning, analysis, and education programs.	Ongoing Capability
B-013 - Support County-wide initiatives identified in Volume 1.				
Yes	Other, please specify	No	Continued efforts to coordinate with identified stakeholders.	Ongoing Capability

B-014 - Whenever possible, coordinate with local experts and employ natural environmental processes in mitigation activities that increase ecosystem resilience and reduce the impacts of flooding on the built environment.				
Yes	Long Term (5+yrs.)	No	The City of Boise continues to work with local experts in combination with best practices on all projects. Public Works Engineering staff is resolved in ensuring our riverbanks are not completely rocked and is using techniques to soften the bank repairs, when applicable, with vegetation and natural techniques.	Ongoing Capability
B-015 - Meet and coordinate with private organizations, state, federal and other local agencies to develop, conduct and maintain wildfire mitigation and fuel-reduction projects, including prescribed fire (Rx fire), pile-burning and managed fire. Increase capacity to conduct these projects through hiring personnel and expenditures for equipment and biological control methods. (Coordinates with Flood Control District #10 Action FCD10-12, North Ada County Fire & Rescue District Action NACFR-15, Whitney Fire Protection District WFD-8)				
Yes	Other, please specify	No	Engagement efforts are ongoing.	Ongoing Capability
B-016 - Identify and construct Boise River enhancements to decrease river temperature in order to favor aquatic species by restoring native riparian vegetation, side channels, and wetlands. The side channel projects may also provide an opportunity to lower flood risks to certain areas along the river.				
Yes	Short Term (<5yrs.)	Yes	No progress reported	No Progress
B-017 - Construction of new facility to serve as Fire Station 5. New building will be brought up to current seismic code.				
Yes	Short Term (<5yrs.)	Yes	Demolition of old building completed, new construction underway.	In Progress
B-018 - Relocate Fire Logistics facility as part of broader support facilities campus relocation project.				
Yes	Short Term (<5yrs.)	Yes	Due to increased construction costs, budget for this project is expected to be requested in FY24.	No Progress
B-019 - Conduct a feasibility study for improvements in the South Channel Boise River near Eagle Island State Park. The City has been engaged with multiple stakeholders discussing potential improvements in the S Channel Boise River and on adjacent lands. Improvements include the creation of a side channel, bank stabilization, improved flood flow control including increased protection of the Idaho Fish and Game Fish Hatchery.				
Yes	Short Term (<5yrs.)	Yes	No progress reported	No Progress

B-020 - Reconnect Alta Harris Creek to the Boise River at Barber Pool. Trout Unlimited has worked for nearly ten years to reconnect Alta Harris Creek with the Boise River. A channel has been constructed and vegetation established. The final phase of this project is to connect the creek to an area above Barber Pool to provide continuous flow and to provide fish passage. This project will also provide flood risk reduction.				
Yes	Short Term (<5yrs.)	Yes	No progress reported.	No Progress
B-021 - Continue Firewise Community program for residents in the foothills and promote adoption of Firewise for development within the wildland urban interface overlay. (Coordinates with North Ada County Fire & Rescue Action NACFR-4, Whitney Fire Protection District WFD-5)				
Yes	Short Term (<5yrs.)	Yes	We are currently working on reaching out to get the renewal process underway for the thirteen (13) existing Ada County Firewise USA sites, and we are working on helping four (4) new communities obtain Firewise USA site status in 2023. Contractors in Ada County, who write wildfire safety plans for new developments, have been incorporating a requirement or strong suggestion to create a Firewise board/committee and seek Firewise USA site status prior to construction.	Ongoing Capability
B-022 - Campaign to get neighborhoods to revise covenants and homeowners' association (HOA) rules to mitigate natural hazards. (Coordinates with North Ada County Fire & Rescue Action NACFR-9)				
Yes	Short Term (<5yrs.)	Yes	The Boise Fire Department has attended several homeowners association meetings this year, and have reminded the boards that we need their proactive involvement to get CC&Rs changed to preclude the use of hazardous vegetation and combustible materials around homes in wildfire-prone areas.	Ongoing Capability
B-023 - Establish Strategic Planning process for foothills. (Coordinates with North Ada County Fire & Rescue Action NACFR-11, Eagle Fire Protection District EFD-12)				
Yes	Long Term (5+yrs.)	Yes	This is being done in an ongoing basis by the Boise Parks Department as part of their Foothills and Open Space Management Plan. Separately, and more specifically, we are working on trying to put together a mitigation strategy and plan of action for the UXO area in and around Military Reserve.	Ongoing Capability
B-024 - Develop/enhance ability to capture perishable data, including dollar values, after significant events. (Coordinates with North Ada County Fire & Rescue Action NACFR-12)				

Yes	Long Term (5+yrs.)	Yes	Fortunately, we have not had a significant loss event, and thus to the need to capture this data is on hold.	No Progress
City of Eagle				
E-001 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
E-002 - Integrate the hazard mitigation plan into other plans, ordinances and programs that dictate land use decisions in the community, including updates to the City of Eagle Comprehensive Plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
E-003 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
E-004 - Continue to maintain good standing and compliance under the NFIP through implementation of floodplain management programs that, at a minimum, meet the NFIP requirements: • Enforce the flood damage prevention ordinance. • Participate in floodplain identification and mapping updates. • Provide public assistance/information on floodplain requirements and impacts.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
E-005 - Coordinate with community stakeholders in both the public and private sectors to identify and pursue adaptive capacity strategies that could improve community resilience in relation to future climate conditions.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
E-006 - Purchase generators for critical facilities and infrastructure that lack adequate backup power, including Lexington Hills well.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
E-007 - In partnership with Eagle Fire Protection District, Middleton Rural Fire District, and Star Fire Protection District, continue to support wildfire mitigation projects such as those sponsored by the Healthy Hills Initiative within the Eagle city limits or urban growth area. (Coordinates with Eagle Fire Protection District Action EFD-10, Star Joint Fire Protection District Action SFD-6)				

Yes	Short Term (<5yrs.)	No		Ongoing Capability
E-008 - Whenever possible, coordinate with local experts and employ natural environmental processes in mitigation activities that increase ecosystem resilience and reduce the impacts of flooding on the built environment.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
E-009- Develop a Joint Emergency Operation Plan with Eagle City, Eagle Sewer District, and Eagle Fire Protection District: This plan is necessary to establish a single, comprehensive framework for the management of domestic incidents. The City of Eagle will lead this all-discipline action, but Eagle Sewer District and Eagle Fire District will aid in planning for all hazards. (Coordinates with Eagle Sewer District Action ESD-7 and Eagle Fire Protection District EFD-8)				
Yes	Short Term (<5yrs.)	No	Completed 8/2023. Will undergo periodic update process through training/exercise.	Completed
E-010 - Partner with Federal Agencies to install electronic flow monitoring stations on the North Channel of the Boise River Eagle Rd Bridge and Dry Creek Drainage at the Eagle Rd Bridge. Both monitoring stations shall be capable of feeding data to USGS stream flow web site, or other applicable collection sources.				
No	Short Term (<5yrs.)	No		No Progress Reported
E-011 - Continue to maintain/enhance the City's classification under the Community Rating System				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
E-012 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
E-013 - Support County-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
E-014- Create green infrastructure and alternate transportation routes by constructing a trail system alongside canals that will connect to the larger pathway that adjoins the Boise River. This system will provide additional routes for bicyclists who already use the current pathways as alternate transportation, which will reduce road congestion and vehicle emissions while allowing access to monitor, maintain, and repair canal systems as needed.				

Yes	Short Term (<5yrs.)	No		In progress
City of Garden City				
GC-001 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
GC-002 - Integrate the hazard mitigation plan into other plans, ordinances and programs that dictate land use decisions in the community as drafted or amended.				
No	Short Term (<5yrs.)	No	Adopted by reference in the Comprehensive Plan on July 22, 2019	Completed
GC-003- Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-004 - Continue to maintain good standing and compliance under the NFIP through implementation of floodplain management programs that, at a minimum, meet the NFIP requirements: • Enforce the flood damage prevention ordinance. • Participate in floodplain identification and mapping updates. • Provide public assistance/information on floodplain requirements and impacts.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-005- Coordinate with community stakeholders in both the public and private sectors to identify and pursue adaptive capacity strategies that could improve community resilience in relation to future climate conditions.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-006- Purchase generators and backup power capabilities for critical facilities and infrastructure that lack adequate backup power including: City Hall/ Operations Center Obtain portable generators. Obtain a fuel truck that can fuel the generators at the police department, public works, wells, lift stations, and city hall.				
Yes	Short Term (<5yrs.)	No		In Progress
GC-007 - Green Infrastructure Flood Mitigation—Garden City needs a plan that identify strategic locations for				

alternate flood mitigation efforts, with an emphasis on green infrastructure to reduce floodplain and anticipated Base Flood Elevations. An example of such an effort may be identifying a location for an engineered parkland that is utilized to provide additional floodplain capacity and groundwater recharge.				
Yes	Short Term (<5yrs.)	No	There is a continued effort with USACE to review possible green infrastructure flood mitigation.	Ongoing Capability
GC-008 - Levees Analysis Levee Analysis—There are a number of unaccredited levees in Garden City. Garden City needs an inventory of levees to determine condition and viability of the levees in Garden City and their hydraulic significance. If any of the levees could be hydrologically significant; include a cost estimate and a cost benefit analysis of accrediting or provisionally accrediting each levee, and the sustainability of required maintenance.				
Yes	Short Term (<5yrs.)	No	Garden City has been working with USACE on a potential GI study	Ongoing Capability
GC-009 - Water and Sewer Pipe replacement				
Yes	Long Term (5+yrs.)	No	Public Works continues with sewer and water pipe replacement	Ongoing Capability
GC-010 - Continue to maintain/enhance the City's classification under the Community Rating System				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-011 - Maintain emergency preparedness inventory inspections and establish a replacement plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-012 - Maintain Capital Improvement Plan for capital facilities/infrastructure within the City.				
Yes	Other, please specify	No	The City maintains a CIP for capital infrastructure within the City.	Ongoing Capability
GC-013 - Support County-wide initiatives				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-014 - Continuity of Operations Plan				
No	Short Term (<5yrs.)	No		No Progress Reported

GC-015 - Annually review the EOP Emergency Operations Plan.				
Yes	Short Term (<5yrs.)	No	Adopted RES1013-16 on June 27, 2016. Annual Reviews are required. 2023 Plan update currently being drafted.	In Progress
GC-16- Garden City parks and river security camera installation.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC- 17- Streetlight replacement/conversion to alternative energy streetlights				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
GC-18- Coordinate with stakeholders, local experts to establish a plan and policies for wetland, habitat, and stream protection and restoration for conveyance, resiliency, and habitat.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
GC-19 - Develop a roadway drainage plan that includes elevating the street above the 100-year floodplain for Chinden Boulevard, a major evacuation route for the city and valley.				
Yes	Long Term (5+yrs.)	No		In Progress
GC-20 - Develop a system drainage plan for all of city to address undersized drainage for street network.				
Yes	Long Term (5+yrs.)	No		No Progress
GC-21- Remedy the repetitive loss property.				
Yes	Long Term (5+yrs.)	No		No Progress
GC-22- Placement of free Wi-Fi in public locations such as parks to provide access to internet and emergency messaging.				
Yes	Short Term (<5yrs.)	No		In Progress
GC-23 - Undergrounding of powerlines to make the electrical grid more resilient by minimizing damages from weather events. This assists also in the allowance of street trees which then reduces the urban stormwater runoff, can				

be cooling in extreme weather, and provide assistance for better air quality. The undergrounding of utilities should be strategically targeted to lines that include critical facilities, are directly adjacent to vehicular travel ways, or include a number of tall adjacent trees.				
Yes	Long Term (5+yrs.)	No		In Progress
GC-24 - Improve open space preservation practices that target floodplain capacity and will ensure optimal points under the CRS 420 activity.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-25 - Obtain and maintain 90 days of chemicals for potable water in case of a well outage				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-26- Implement IT technologies that facilitate the ability to work remotely.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-27- Implement IT technologies that ensure access to the system in case of loss of electricity or a server.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-28 - Work with stakeholders to establish a regional plan for public outreach and education that can be utilized for CRS credit for the 330 Program for Public Information PPI activity. The outreach must include information related to hazard risks and critical information dissemination. Improve open space preservation practices that target floodplain capacity and will ensure optimal points under the CRS 420 activity.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
GC-29- Work with the Post Office to encourage the use of a Garden City specific address within Garden City to better inform residents' knowledge of hazards and emergency response activities in their city.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
City of Kuna				
K-001 - Where appropriate support development lead construction of conduit infrastructure to close any loops or holes in the City of Kuna's Fiber Infrastructure. Where needed, budget for and construct needed infrastructure.				

Yes	Short Term (<5yrs.)	No		Ongoing Capability
K-002 - Integrate the hazard mitigation plan into other plans, ordinances and programs that dictate land use decisions in the community, including the Kuna Comprehensive Plan				
Yes	Short Term (<5yrs.)	No	Our Comprehensive Plan is currently under its last stages of review.	Ongoing Capability
K-003 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No	We will gladly continue our support of this plan, now that we have corrected email and contact information.	Ongoing Capability
K-004 - Continue to maintain good standing and compliance under the NFIP through implementation of floodplain management programs that, at a minimum, meet the NFIP requirements: • Enforce the flood damage prevention ordinance. • Participate in floodplain identification and mapping updates. • Provide public assistance/information on floodplain requirements and impacts.				
Yes	Short Term (<5yrs.)	No	Hiring of our new City Engineer , the both of us are dedicated and supported by the Public Works Director to get more FEMA training and to ultimately become Floodplain Manager Certified.	Ongoing Capability
K-005 - Coordinate with community stakeholders in both the public and private sectors to identify and pursue adaptive capacity strategies that could improve community resilience in relation to future climate conditions including but not limited to the following: <ul style="list-style-type: none"> Lack of Irrigation Water Wildfire Canal Failures 				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
K-006 - Purchase generators for critical facilities and infrastructure that lack adequate backup power, including City Hall and the new Kuna East Operations Center				
No	Short Term (<5yrs.)	No		No Progress
K-007 - Develop and maintain an inventory of City Critical Facilities				
Yes	Short Term (<5yrs.)	No	I believe this action is complete as of this date, however I also believe this is an item that needs to stay in the forefront and can never truly be completed.	Ongoing Capability

K-008 - Support County-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
K-009 - Continually update the SCADA process, look for redundancy with Fiber and Cell usage.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
K-010 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Long Term (5+yrs.)	No	No structures identified at this time	Ongoing Capability
City of Meridian				
M-001- Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
M-002 - Integrate the hazard mitigation plan into other plans, ordinances and programs that dictate land use decisions in the community, including Flood Damage Prevention Ordinance, Community Risk Assessment and Comprehensive Plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
M-003 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Other, please specify	No	Meridian continues to support the Ada County Multi-Jurisdictional Hazard Mitigation Plan. City provides representation on hazard mitigation plan steering committee.	Ongoing Capability
M-004 - Continue to maintain good standing and compliance under the NFIP through implementation of floodplain management programs that, at a minimum, meet the NFIP requirements: • Enforce the flood damage prevention ordinance. • Participate in floodplain identification and mapping updates. • Provide public assistance/information on floodplain requirements and impacts.				
Yes	Other, please specify	No	City of Meridian maintains good standing under the NFIP and continues to enforce flood damage prevention ordinance through floodplain administration program.	Ongoing Capability

M-005- Coordinate with community stakeholders in both the public and private sectors to identify and pursue adaptive capacity strategies that could improve community resilience in relation to future climate conditions.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
M-006 - Identify and install the most suitable backup power solution for critical facilities and infrastructure that lack adequate backup power. Solutions may vary based on circumstances and could include but are not limited to generators, switches, battery storage, and solar systems.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
M-007 - Provide fire safety, fire prevention and Firewise education to neighborhoods, schools and community via the internet, social media and direct public outreach.				
Yes	Other, please specify	No	Fire safety and prevention education and outreach program is an ongoing effort of the Meridian Fire Department Public Education Division	Ongoing Capability
M-008 - Become a “Firewise Community”				
Yes	Long Term (5+yrs.)	No	Becoming a Firewise community is still a goal of the Meridian Fire Department	Ongoing Capability
M – 009 - Update the Black’s Creek Reservoir breach analysis and the resulting downstream flood inundation map using the most recent, highest resolution GIS data available. The model suggested for use should be HEC-RAS or an equivalent two-dimensional model that can satisfactorily recognize and address the hydrologic interactions with all natural and constructed geographic features that are located downstream of the facility. The breach analysis will model the reservoir at a full pool condition and will include two (2) scenarios consisting of (1) a non-flood failure (aka “sunny day”), and (2) a flood event failure during the 1% inflow design flood (aka 100-year flood).				
Yes	Short Term (<5yrs.)	No		In Progress
M- 10- Ensure adequate water supply in drought conditions through purchasing space in new surface water storage projects.				
Yes	Long Term (5+yrs.)	No		In Progress
M-11- Increase community capability for drought resilience by developing a water conservation plan				
Yes	Short Term (<5yrs.)	No		Ongoing Capability

M-12- Increase community capability for mitigating landslide risk by developing hillside grading/drainage policies that provide adequate protections in steep topography.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
M-013 - Construct Ninemile Creek Flood Mitigation Project as designed to eliminate flood risk to people, property and critical lifelines. The proposed improvements include constructing storm drain infrastructure and pipeline from Story Park to the outlet into the existing Ninemile Creek Channel north of the Union Pacific Railroad tracks. (Coordinates with the Meridian Development Corporations Action MDC-4.)				
Yes	Short Term (<5yrs.)	No	Under a technical assistance agreement, FEMA prepared a technical analysis validating impacts to the SFHA and reduced loss exposure based on the selected project design. A screening Benefit Cost Analysis completed results in a BCR of 1.55. Currently working on preliminary design, detailed cost estimate and final BCA in preparation for 2020 FEMA BRIC grant application.	In Progress
M-014 - Partner with ACHD to facilitate the replacement of roadway culverts to include design and construction of crossings on Fivemile, Ninemile, Eightmile and Tenmile Creeks. (Coordinates with Ada County Highway District Action ACHD-5)				
Yes	Long Term (5+yrs.)	No	Meridian provides comments to ACHD's Integrated 5 year work plan on culvert replacement program. Culvert at Fivemile Creek and Tenmile Creek Rd replacement currently under construction. A project improving a section of Ninemile Creek through downtown Meridian including culvert replacement has been moved to action M-16. Culvert at Tenmile Creek at Locust Grove currently scheduled for replacement 2020.	Ongoing Capability
M-015 - Continue to maintain/enhance the City's classification under the Community Rating System.				
Yes	Short Term (<5yrs.)	No	Meridian maintains a CRS Rating of 8. Currently undergoing CRS Cycle Verification in 2020.	Ongoing Capability
M-016- Correct alignment issues on the National Flood Hazard Layer to correctly align with creek channels on Fivemile and Tenmile Creeks to more accurately reflect flood risk.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability

M-017- Conduct detailed hydraulic analysis on remaining FEMA Flood Zone A areas on Fivemile and Tenmile Creeks. Update maps through LOMR to accurately reflect flood risk.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
M-018 - Whenever possible, coordinate with local experts and employ natural environmental processes in mitigation activities that increase ecosystem resilience and reduce the impacts of flooding on the built environment				
Yes	Long Term (5+yrs.)	No	Support for stream restoration with flood mitigation as part of Environmental Programs Plan. Continue to evaluate projects as opportunity arises.	Ongoing Capability
M-019 - Support County-wide initiatives identified in Volume 1.				
Yes	Long Term (5+yrs.)	No	County-wide initiatives continue to be supported. City provides representation on hazard mitigation plan steering committee.	Ongoing Capability
City of Star				
S-001 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Long Term (5+yrs.)	No	No properties have been identified.	Ongoing Capability
S – 002 - Integrate the hazard mitigation plan into other plans, ordinances and programs that dictate land use decisions in the community.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
S-003 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan and support County-wide Initiatives Identified in Volume 1 of the Multi-Hazard Mitigation Plan				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
S-004 - Continue to maintain good standing and compliance under the NFIP through implementation of floodplain management programs that, at a minimum, meet the NFIP requirements: • Enforce the flood damage prevention ordinance. • Participate in floodplain identification and mapping updates. • Provide public assistance/information on floodplain requirements and impacts.				
Yes	Short Term (<5yrs.)	No	New floodplain codes.	Ongoing Capability

S- 005- Coordinate with community stakeholders in both the public and private sectors to identify and pursue adaptive capacity strategies that could improve community resilience in relation to future climate conditions.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
S-006- Purchase generators for critical facilities and infrastructure that lack adequate backup power.				
Yes	Short Term (<5yrs.)	No		In Progress
S-007 - Develop a Joint Emergency Operation Plan with the City of Star, Star Sewer and Water District, and Star Joint Fire Protection District: This plan is necessary to establish a single, comprehensive framework for the management of domestic incidents. The City of Star will lead this all-discipline action, but Star Sewer and Water District and Star Joint Fire Protection District will aid in planning for all hazards. (Coordinates with Star Sewer and Water District Action SSW-4 and Star Joint Fire Protection District SFD-5)				
Yes	Short Term (<5yrs.)	No	2022 Update of Joint EOP completed and adopted	Completed
S-008 - Develop a Continuity of Operation Plan: This plan will provide specific policies and procedures that will be carried out in the event of an emergency, including localized acts of nature, accidents, and technological or attack-related emergencies.				
No	Short Term (<5yrs.)	No	Will address when staff time is available.	No Progress Reported
S-009 - Consider participation in the Community Rating System				
No	Short Term (<5yrs.)	No	Joined CRS	Completed
S-010 - Evaluate riverbank integrity of the Boise River in the areas of interface with buildings and infrastructure. Determine and employ the best methodology to either repair damaged areas or harden other areas that may directly threaten buildings or infrastructure during high flow events. (Coordinates with Flood Control District #10 Action FCD10-16)				
Yes	Long Term (5+yrs.)	No	Working with FCD 10 to identify and make improvements.	Ongoing Capability
S-011- Increase GIS capacity by providing training for existing staff or hiring staff to support GIS needs.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability

S-012 - Provide fire safety, fire prevention and Firewise education to neighborhoods, schools and community via the internet, social media and direct public outreach. (Coordinates with Star Joint Fire Protection District Action SFD-6)				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
Eagle Fire Protection District (EFD)				
EFD-01 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
EFD-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
EFD-003 - Support County wide initiatives identified in Volume 1				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
EFD-004 - Continue to provide fire safety, fire prevention and FireWise education to neighborhoods, schools and community via web pages, signage and outreach				
Yes	Short Term (<5yrs.)	No	The fire department continually use Twitter, Face Book, and our web page to post educational messages regarding all hazards.	Ongoing Capability
EFD-005 - Reduce the determined vegetation which can fuel a rapid spreading wildland fire through the means of mechanical mowing of invasive grass and brush in the wildland urban interface				
Yes	Long Term (5+yrs.)	No	One project completed in Avimor and this will be ongoing.	Ongoing Capability
EFD-006 - Partnering with adjoining jurisdictions to rehabilitate areas impacted by wildfire for wildlife while sustaining access to recreational trails and to prevent erosion				
Yes	Long Term (5+yrs.)	No	Continue to work with partner agency's on this project	Ongoing Capability
EFD-007 - Host a community wide open house to increase public awareness of all hazards within the Eagle Fire Protection district and response capabilities of the jurisdiction.				

Yes	Short Term (<5yrs.)	No	Annually every October the Eagle Fire Department holds an open house. This is done to increase the public's awareness of the hazards in the fire district and what our response capabilities are. Last October we had approximately 600 + people attend our open house.	Ongoing Capability
EFD-008- Develop a Joint Emergency Operation Plan with Eagle City, Eagle Sewer District, and Eagle Fire Protection District: This plan is necessary to establish a single, comprehensive framework for the management of domestic incidents. The City of Eagle will lead this all-discipline action, but Eagle Sewer District and Eagle Fire District will aid in planning for all hazards. (Coordinates with City of Eagle Action E- and Eagle Sewer District Action ESD-7)				
Yes	Short Term (<5yrs.)	No	2022 Update of Joint EOP completed and adopted	Completed
EFD-009 - Meet and coordinate with private organizations, state, federal and other local agencies to develop, conduct and maintain wildfire mitigation projects.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
EFD-10- Action EFD-10— In partnership with Eagle Fire Protection District, Middleton Rural Fire District, and Star Fire Protection District, continue to support wildfire mitigation projects such as those sponsored by the Healthy Hills Initiative within the Eagle city limits or urban growth area. (Coordinates with Star Joint Fire Protection District Action SFD-6, City of Eagle Action E-7)				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
EFD-011- Establish Strategic Planning process for foothills. (Coordinates with City of Boise Action B-23, North Ada County Fire & Rescue District Action NACFR-12)				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
Eagle Sewer District (ESD)				
ESD-001- Support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in medium-risk hazard areas.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
ESD-002 - Actively Participate in the Plan Maintenance Protocols Outlined in Volume 1 of the Multi-Hazard Mitigation Plan				

Yes	Short Term (<5yrs.)	No	continued communication and work with the other agencies.	Ongoing Capability
ESD-003- Purchase generators for critical facilities and infrastructure that lack adequate backup power. This may include solar generation capacity and battery systems for pumping and treatment facilities.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
ESD-004- Relocate the collection system pipeline that serves nearly half the service area and is located in the floodway/floodplain to outside these hazard zones.				
Yes	Short Term (<5yrs.)	No		In Progress
ESD-005 - Raise Portions of the Mace Lift Station and Old valley Lift Station access roads: Portions of the road leading to these facilities are below the 100-year and 500-year flood elevations. To ensure that District staff can access facilities during a flooding event, low sections of access roads should be raised.				
Yes	Short Term (<5yrs.)	No	Plans have been prepared and applications applied submitted to agencies.	In Progress
ESD-006- Protect critical electronics in WWTP blowers susceptible to higher than design temperatures by air conditioning the blower room. Also protect lift station pumping system controls by air conditioning control rooms.				
Yes	Short Term (<5yrs.)	No		In Progress
ESD-007 - Develop a Joint Emergency Operation Plan with Eagle City, Eagle Sewer District, and Eagle Fire Protection District: This plan is necessary to establish a single, comprehensive framework for the management of domestic incidents. The City of Eagle will lead this all-discipline action, but Eagle Sewer District and Eagle Fire District will aid in planning for all hazards. (Coordinates with City of Eagle Action E-9 and Eagle Fire Protection District EFD-8)				
Yes	Short Term (<5yrs.)	No	2022 Update of Joint EOP completed and adopted	Completed
ESD-008 - Update the Continuity of Operations Plan: This plan will provide specific policies and procedures that will be carried out in the event of an emergency, including localized acts of nature, accidents, and technological or attack-related emergencies. The plan will address how the District will continue to perform essential functions in the event of compromised facilities or leadership, and how the District will return to normal operations.				
Yes	Short Term (<5yrs.)	No	There is a plan, however it has not been updated for a while.	No Progress Reported

ESD-009 - Support County-wide Initiatives Identified in Volume 1 of the Multi-Hazard Mitigation Plan				
Yes	Short Term (<5yrs.)	No	Ongoing - continued support and communication.	Ongoing Capability
ESD-010- Convert the borrow pit ponds between the Boise River and the wastewater lagoons into wetlands. This action will reduce the risk of pit capture in a flood or dam failure event. The wetlands will also create habitat for wildlife and native black cottonwood. The removal of the heat-collecting ponds and addition of a wetland will mitigate temperature effects in the river improving habitat for aquatic species.				
Yes	Short Term (<5yrs.)	No		In Progress
Eagle Urban Renewal Agency				
EURA 001 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
EURA- 002- Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
EURA-003- Support county-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
EURA-004- Integrate Hazard Mitigation Plan hazard mapping into district plan updates, as applicable.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
Flood Control District #10 (FCD10)				
FCD10-001 - Support CRS program participation of participating jurisdictions within Ada County that interface with the FCD #10 operational area.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
FCD10-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation				

plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
FCD10-003 - Support County-wide initiatives identified in Volume 1				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
FCD10-004 - Remove naturally occurring vegetative blockages in the river channels as necessary.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
FCD10-005 - Modify FCD #10 website to include links to flood hazard mitigation and preparedness sites.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
FCD10-006 - Develop partnership with local City/County Planning and Zoning staffs to mitigate flood risk				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
FCD10-007 - Update FEMA mapping within the District. Conduct on-site vetting of FEMA mapping and provide analysis to local agencies				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
FCD10-008 - Develop a plan to manage accumulated sediment from Boise River and Dry Creek identified high risk sites				
No	Long Term (5+yrs.)	No		Completed
FCD10-009 - Develop long term plan to manage Boise River flow impacts at the Head of Eagle Island.				
Yes	Long Term (5+yrs.)	No		In Progress
FCD10-010 - Scientifically analyze floodplain mitigation techniques to apply vegetative structures in the stream channels.				
Yes	Long Term	No		Ongoing

	(5+yrs.)			Capability
FCD10-011 - Irrigation Diversion Headgate Flood Mitigation				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
FCD10-012 - Meet and coordinate with private organizations, state, federal and other local agencies to develop, conduct and maintain wildfire mitigation and fuel-reduction projects, including prescribed fire (Rx fire), pile-burning and managed fire. Increase capacity to conduct these projects through hiring personnel and expenditures for equipment and biological control methods. (Coordinates with City of Boise Action B-15, North Ada County Fire & Rescue District Action NACFR-15, Whitney Fire Protection District WFD-8)				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
FCD10-013- Incorporate ACHMP into District 5-year Strategic Plan				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
FCD10-014- Develop Administrative/Operations Plan to guide Flood District activity growth.				
Yes	Short Term (<5yrs.)	No		Completed
FCD10-015- Work with Ada County to develop a channel and gravel management plan, leveraging the Boise River Management Tool (2-D BRMT), including a Digital Elevation Model of difference (DoD) map and biomass model in the river along Unincorporated Ada County. (Coordinates with Unincorporated Ada County Action AC-23)				
Yes	Short Term (<5yrs.)	No		In Progress
FCD10-016- Evaluate riverbank integrity of the Boise River in the areas of interface with buildings and infrastructure. Determine and employ the best methodology to either repair damaged areas or harden other areas that may directly threaten buildings or infrastructure during high flow events. (Coordinates with the City of Star Action S-10)				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
FCD10-017- Follow CDC guidelines for COVID avoidance.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability

Greater Boise Auditorium District (GBAD)

GBAD-001- Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.

Yes	Short Term (<5yrs.)	No		Ongoing Capability
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GBAD-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.

Yes	Short Term (<5yrs.)	No	Actively participating in process.	Ongoing Capability
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GBAD-003- Purchase additional mobile generators for critical facilities and infrastructure that lack adequate backup power, including commercial freezers and ice machines.

No	Short Term (<5yrs.)	No		No Progress
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GBAD-004 - Elevate critical equipment from basement, including the emergency generator, IT equipment

Yes	Short Term (<5yrs.)	No	No solution settled on or funded at this time.	No Progress
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GBAD-005 - Flood Proof Critical Equipment In Basement

Yes	Short Term (<5yrs.)	No	No solution or funding available at the time.	No Progress
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GBAD-006 - Retrofit the ballroom drop-ceiling to meet seismic building code, including light fixtures, HVAC, and other equipment in the drop-ceiling.

Yes	Short Term (<5yrs.)	No	Beginning process of assessing structure and ceiling. Currently evaluating structure and electrical. This project will be planned for 2022, but is subject to change following COVID-19's economical impact on our organization.	In Progress
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GBAD-007 - Install a 1,500 gallon water storage tank, to sustain non-contaminated source of water and combat effects of drought for 24 hours.

Yes	Long Term (5+yrs.)	No	No current funds or solution in place. Looking at this for future years to help with resiliency for community disaster relief.	No Progress
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GBAD-008 - Support County-wide initiatives identified in Volume 1				
Yes	Short Term (<5yrs.)	No	Actively participating in process.	Ongoing Capability
GBAD-009- Conduct an emergency backup power monitoring study to determine existing generator load capability and future emergency power load needs.				
No	Short Term (<5yrs.)	No		No Progress
Independent School District of Boise #1 (BSD1)				
BSD1-001 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those with unreinforced masonry or that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Long Term (5+yrs.)	No	Continues through retrofit of existing structures and the completion of several new buildings.	Ongoing Capability
BSD1-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No	Continues district wide	Ongoing Capability
BSD1-003 - Purchase generators for critical facilities and infrastructure that lack adequate backup power, including mobile generators for shelter facilities.				
Yes	Short Term (<5yrs.)	No	Continue to fund as budget is allowing	In Progress
BSD1-004 - Partner with ACEM for disaster response and preparedness, including updates to the county EOP				
Yes	Short Term (<5yrs.)	No	Continues. EOPs have successfully been shared with community resources including access to live cameras at all sites and electronic door access.	Ongoing Capability
BSD1-005 - Continue internal (staff) and external (student/family) hazard education programs.				
Yes	Short Term (<5yrs.)	No	Progress continues and now includes ISCRS.	Ongoing Capability
BSD1-006 - Coordinate building EOP documents into county-wide EOP parameters				
Yes	Short Term	No	Continues. EOPs now incorporates ISCRS at all	In Progress

	(<5yrs.)		facilities.	
BSD1-007 - Support County-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
Joint School District #2 (JSD2)				
JSD2-001- Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
JSD2-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
JSD2-003- Purchase generators for critical facilities and infrastructure that lack adequate backup power, including mobile generators				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
JSD2-004- Coordinate with other local school districts and other state agencies to gather information and data for emergency and disaster events readiness				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
JSD2-005- Increased awareness and training to all staff and personnel with educational opportunities.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
JSD2- 006- Use data to further plans of improving understanding of the location and potential impacts of the identified hazards				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
JSD2-007- Seek out more efficient and ecofriendly waste disposal in order limit the impact of discarded waste in the event of a natural disaster.				

Yes	Short Term (<5yrs.)	No		Ongoing Capability
JSD2-008 - Train Maintenance staff to perform visual screening for potential seismic hazards.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
JSD2-009 - Conduct structural and nonstructural feasibility studies and retrofits of district facilities to minimize injuries and damage from flood, earthquake and severe weather.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
Kuna Rural Fire District (KFD)				
KFD-001 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
KFD-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
KFD-003 - Support County-wide initiatives identified in Volume 1				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
KFD-004 - Comply with all applicable building and fire codes, as well as other regulations when constructing or significantly remodeling infrastructure facilities.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
KFD-005 - Ensure a reliable source of water for fire suppression (meeting acceptable standards for minimum volume and duration of flow) for existing and new development.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
KFD-006 - Develop and maintain a coordinated approach between fire jurisdictions and water supply agencies to				

identify needed improvements to the water distribution system, initially focusing on areas of highest wildfire hazard.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
KFD-007 - Ensure all dead-end segments of public roads in high hazard areas have at least a “T” intersection turn-around sufficient for typical wildland fire equipment.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
KFD-008 - Require that development in high fire hazard areas provide adequate access roads, onsite fire protection systems, evacuation signage and fire breaks				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
KFD-009 - Ensure adequate fire equipment road or fire road access to developed and open space areas.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
KFD-010 - Increase communication capabilities between agencies, coordination of radio types and use of existing and new systems.				
Yes	Short Term (<5yrs.)	No	Vehicle radios need update, handheld are inter-operable.	Ongoing Capability
Meridian Development Corporation				
MDC-001- Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
MDC-002- Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
MDC-003- Support county-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability

MDC-004- Integrate Hazard Mitigation Plan hazard mapping into district plan updates, as applicable.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
MDC-005- Construct Ninemile Creek Flood Mitigation Project as designed to eliminate flood risk to people, property and critical lifelines. The proposed improvements include constructing storm drain infrastructure and pipeline from Story Park to the outlet into the existing Ninemile Creek Channel north of the Union Pacific Railroad tracks. (Coordinates with the City of Meridian Action M-13.)				
Yes	Short Term (<5yrs.)	No	Under a technical assistance agreement, FEMA prepared a technical analysis validating impacts to the SFHA and reduced loss exposure based on the selected project design. A screening Benefit Cost Analysis completed results in a BCR of 1.55. Currently working on preliminary design, detailed cost estimate and final BCA in preparation for 2020 FEMA BRIC grant application.	In Progress
North Ada County Fire & Rescue (NACFR)				
NACFR-001- Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
NACFR-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
NACFR-003 - Update, adopt, and enforce a new Wildland Urban Interface (WUI) Code to replace the existing code. Improve and update existing WUI hazard zones. (Coordinates with City of Boise Action B-11, Whitney Fire Protection District Action WFD-3)				
No	Short Term (<5yrs.)	No	We had a five (5) county working group that went through the 2021 IWUIC and came up with amendments that would potentially work for all jurisdictions, in the hopes of creating some consistency for the development community in the area. The City of Boise will likely look at implementing some interim adoption of these code changes, depending upon the	Ongoing Capability

			intent and direction of the Fire Marshal. The WUI area for the City of Boise will also likely change slightly to follow roadways, instead of cutting through parcels.	
NACFR-004 - Continue Firewise Community program for residents in the foothills and promote adoption of Firewise for development within the wildland urban interface overlay. (Coordinates with City of Boise Action B-21, Whitney Fire Protection District WFD-5)				
Yes	Short Term (<5yrs.)	No	We are currently working on reaching out to get the renewal process underway for the thirteen (13) existing Ada County Firewise USA sites, and we are working on helping four (4) new communities obtain Firewise USA site status in 2023. Contractors in Ada County, who write wildfire safety plans for new developments, have been incorporating a requirement or strong suggestion to create a Firewise board/committee and seek Firewise USA site status prior to construction.	Ongoing Capability
NACFR-005 - Complete a Wildland-Urban Interface (WUI) risk assessment (a GIS exercise looking at vegetation in the undeveloped area, age of homes and other relevant factors). Improve individual parcel data with wildfire assessments. Provide a public portal to share data and educate on risk and community wildfire adaptation. (Coordinates with City of Boise Action B-7 and Whitney Fire				
Yes	Short Term (<5yrs.)	No	Boise Fire is looking at updating our hazard assessment model for the area, utilizing grant funds from partner organizations if possible. We have closed down the public portal due to technological considerations on the part of Intterra. We are also working with Western Fire Chiefs Association, and their contractor, to beta test an AI home assessment application, based on the more recent NIST Hazard Mitigation Methodology (HMM).	Ongoing Capability
NACFR-006 - Perform Earthquake Retrofitting of Fire Stations 16, 18, 20				
No	Short Term (<5yrs.)	No		No Progress Reported
NACFR-007 - Conduct Location/Construction Study for new Flood/Earthquake resistant Fire Station to replace Station 16				
No	Short Term (<5yrs.)	No		No Progress Reported
NACFR-008 - Construct new flood/earthquake resistant fire station				

No	Long Term (5+yrs.)	No		No Progress Reported
NACFR-009 - Campaign to get neighborhoods to revise covenants and homeowners' association (HOA) rules to mitigate natural hazards. (Coordinates with City of Boise Action B-22)				
Yes	Short Term (<5yrs.)	No	The Boise Fire Department has attended several homeowners association meetings this year, and have reminded the boards that we need their proactive involvement to get CC&Rs changed to preclude the use of hazardous vegetation and combustible materials around homes in wildfire-prone areas.	Ongoing Capability
NACFR-010 - Modify NACFR website to include links to hazard mitigation and preparedness sites.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
NACFR-011 - Establish Strategic Planning process for foothills. (Coordinates with City of Boise Action B-23, Eagle Fire Protection District Action EFD-12)				
Yes	Short Term (<5yrs.)	No	This is being done in an ongoing basis by the Boise Parks Department as part of their Foothills and Open Space Management Plan. Separately, and more specifically, we are working on trying to put together a mitigation strategy and plan of action for the UXO area in and around Military Reserve.	Ongoing Capability
NACFR-012 - Action NACFR-12— Develop/enhance ability to capture perishable data, including dollar values, after significant events. (Coordinates with City of Boise Action B-24)				
Yes	Short Term (<5yrs.)	No	Fortunately, we have not had a significant loss event, and thus to the need to capture this data is on hold.	No Progress Reported
NACFR-013 - Support the county-wide initiatives identified in Volume 1 of the Multi-Hazard Mitigation Plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
NACFR-014 - Conduct wildland fire prevention education and outreach via the internet, social media and direct public outreach to support and promote fire adapted communities. Focus on fuel reduction on private property around new and existing homes via incentivizing homeowners, providing free debris pick-up and replacement Firewise vegetation at a discount. (Coordinates with City of Boise Action B-8, Whitney Fire Protection District Action WFD-7)				

Yes	Short Term (<5yrs.)	No	The City of Boise will be working on updating the website www.adafireadapted.org this fall/winter, and trying to include other projects and content from partner agencies. We put together concerted social media outreach during Wildfire Awareness Month in May, and will continue to do so each year. We have attended and presented at five (5) Neighborhood Association or Homeowner Association meetings in 2023. We have conducted ongoing neighborhood chipper services, chipping over 89 cubic yards of material in 2023 so far, and we purchased a new chipper this year as well, and are currently upfitting a used chipper truck so we can expand our woody biomass removal services. We are still encouraging folks to utilize the unlimited composting services that the City of Boise offers.	Ongoing Capability
NACFR-015 - Meet and coordinate with private organizations, state, federal and other local agencies to develop, conduct and maintain wildfire mitigation and fuel-reduction projects, including prescribed fire (Rx fire), pile-burning and managed fire. Increase capacity to conduct these projects through hiring personnel and expenditures for equipment and biological control methods. (Coordinates with City of Boise Action B-15, Flood Control District #10 Action FCD10-12, Whitney Fire Protection District WFD-8)				
Yes	Short Term (<5yrs.)	No	The City of Boise is focusing on trying to accomplish mitigation measures (e.g., cutting and piling) in the Stack Rock Reserve. We still have no motorized access into the Stack Rock Reserve, so we are working on an RFQ/RFP process to attempt to get a contractor to hike in and cut and pile materials, so we can do follow up pile burns. We are also working with a Boise Front collaborative, which includes several agencies and not-for-profits, to work together across landscapes at a much larger scale. This collaborative is gaining some traction, and should be getting some good work completed in the Boise Front.	Ongoing Capability
Star Joint Fire Protection District (SFD)				
SFD-001- Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas. Including, but not limited to: • A new fire station north of the Boise River on Floating Feather Road, which will be out of the mapped floodplain. The district owns the land, but a station needs to be built.				
Yes	Short Term	No		In Progress

	(<5yrs.)			
SFD-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
SFD-003- Support County-wide initiatives identified in Volume 1				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
SFD-004- Coordinate with developers as wildland area (north of Beacon Light to the County line) is developed. Area water sources for firefighting will need to be established before housing development occurs.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
SFD-005- Develop a Joint Emergency Operation Plan with the City of Star, Star Sewer and Water District, and Star Joint Fire Protection District: This plan is necessary to establish a single, comprehensive framework for the management of domestic incidents. The City of Star will lead this all-discipline action, but Star Sewer and Water District and Star Joint Fire Protection District will aid in planning for all hazards. (Coordinates with City of Star S-7 and Star Sewer and Water District SSW-4)				
Yes	Short Term (<5yrs.)	No		Complete
SFD-006 - Provide fire safety, fire prevention and Firewise education to neighborhoods, schools and community via the internet, social media and direct public outreach. (Coordinates with City of Star Action S-11)				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
SFD-007- In partnership with Eagle Fire Protection District, Middleton Rural Fire District, and Star Fire Protection District, continue to support wildfire mitigation projects such as those sponsored by the Healthy Hills Initiative within the Eagle city limits or urban growth area. (Coordinates with Eagle Fire Protection District Action EFD-10, City of Eagle Action E-7)				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
Star Sewer & Water District (SSWD)				
SSW-001- Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				

Yes	Short Term (<5yrs.)	No		Ongoing Capability
SSW-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No	SSWD is working with other agencies and supporting their efforts.	Ongoing Capability
SSW-003 - Waterproof Manholes in 100-year Floodplain: The sewer collection system has many pipes and manholes that are in the 100-year floodplain. The manhole lids and structures are not waterproof and could pose significant risk to other facilities if flood water were to enter through the manholes.				
Yes	Long Term (5+yrs.)	No	Manholes are being identified and new policies are being prepared. New construction requires manhole rims to be located 0.5 feet above the base flood elevation.	In Progress
SSW-004 - Develop a Joint Emergency Operation Plan with the City of Star, Star Sewer and Water District, and Star Joint Fire Protection District: This plan is necessary to establish a single, comprehensive framework for the management of domestic incidents. The City of Star will lead this all-discipline action, but Star Sewer and Water District and Star Joint Fire Protection District will aid in planning for all hazards. (Coordinates with City of Star Action S-7 and Star Joint Fire Protection District SFD-5)				
Yes	Short Term (<5yrs.)	No		Completed
SSW-005 - Develop a Continuity of Operation Plan: This plan will provide specific policies and procedures that will be carried out in the event of an emergency, including localized acts of nature, accidents, and technological or attack-related emergencies. The plan will address how the District will continue to perform essential functions in the event of compromised facilities or leadership, and how the District will return to normal operations.				
Yes	Short Term (<5yrs.)	No	The treatment plant is in the middle of a major upgrade. Plans are being prepared after completion the current District Operation Plan will be reviewed and updated.	In Progress
SSW-006 - Support County-wide Initiatives Identified in Volume 1 of the Multi-Hazard Mitigation Plan				
Yes	Short Term (<5yrs.)	No	SSWD will continue to work with other agencies.	Ongoing Capability
SSW-007 - Add Backup Generator at the WWTP: The WWTP currently has one backup power generator, but this generator is not capable of powering the entire plant. A second backup generator is recommended to improve redundancy and expand backup power to full plant operations.				

Yes	Short Term (<5yrs.)	No	Project Completed April 2023 - Project was funded by a loan from DEQ	Complete
Unincorporated Ada County				
AC-001 - Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Long Term (5+yrs.)	No	No buildings have been identified at this time.	Ongoing Capability
AC-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
AC-003 - Continue to maintain good standing and compliance under the NFIP through implementation of floodplain management programs that, at a minimum, meet the NFIP requirements: • Enforce the flood damage prevention ordinance. • Participate in floodplain identification and mapping updates. • Provide public assistance/information on floodplain requirements and impacts.				
Yes	Short Term (<5yrs.)	No	Ongoing process to include mailings to floodplain residents, insurance companies and lenders.	Ongoing Capability
AC-004- Coordinate with community stakeholders in both the public and private sectors to identify and pursue adaptive capacity strategies that could improve community resilience in relation to future climate conditions.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
AC-005- Identify and install the most suitable backup power solution for critical facilities and infrastructure that lack adequate backup power. Solutions may vary based on circumstances and could include but are not limited to generators, switches, battery storage, and solar systems.				
Yes	Long Term (5+yrs.)	No		Ongoing Capability
AC-006 - Keep First Responder Facilities out of Flood areas where ever possible. When not possible due to response time issues, design the facilities to keep water from entering, i.e. retaining walls, raise finish floor elevations.				
Yes	Long Term (5+yrs.)	No	Ongoing effort, must balance location circumstances with response times.	Ongoing Capability
AC-007 - Examine and determine the most effective method to harden irrigation canals (i.e. tiling) in areas of high urban interface to prevent the flooding of residences and businesses without losing essential ground water recharge.				

Yes	Long Term (5+yrs.)	No	Project requires additional coordination with irrigation facility providers.	No Progress Reported
AC-008 - Assess and prioritize non-structural seismic retrofit needs of County-owned facilities. Once appropriate, cost-effective retrofit measures have been identified, implement the actions based on available funding and resources.				
Yes	Long Term (5+yrs.)	No	Projects are assessed on an as needed basis as part of budgeted building maintenance and remodeling. No major retrofit has been identified as of yet.	Ongoing Capability
AC-009 - Continue outreach to Irrigation Districts in an effort to encourage their participation in the Mitigation Plan as planning partners.				
Yes	Short Term (<5yrs.)	No	This will be on ongoing action that will include coordination with the US Bureau of Reclamation.	Ongoing Capability
AC-010 - Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Short Term (<5yrs.)	No	Continuing review of national standards and adoption of relevant codes to reduce risk.	Ongoing Capability
AC-011 - Maintain an active Public Outreach strategy using the web, social media, emails and public presentations to inform the public how to personally prepare for and mitigate the hazards of concern.				
Yes	Short Term (<5yrs.)	No	This is a constant process conducted by Ada County Emergency Management and Community Resilience (EMCR). The Community Outreach Specialist conducts in-person presentations, writes a monthly preparedness pointer and informs the public through the agency website and social media platforms: Facebook, Twitter, NextDoor .	Ongoing Capability
AC-012 - Maintain emergency alert phone system to notify residents of evacuations orders and procedures during a natural hazard event.				
Yes	Short Term (<5yrs.)	No	Ada County Dispatch maintains CodeRed, an IPAWS enabled platform, to conduct Community Mass Notification as needed.	Ongoing Capability
AC-013 - Consider the formation of an Open Space and Mitigation District. The district would manage acquired lands using practices that balanced the needs of community open space and recreation with appropriate mitigation activities that reduce or eliminate 3 known hazards of concern. Purposed activities include but are not limited to the maintenance of lands purchased in the floodplain, slope stabilization through low biomass native vegetation projects				

and the creation and maintenance of fire safe buffers in the WUI.				
Yes	Long Term (5+yrs.)	No	At this time, funding for such a district has not been identified.	No Progress Reported
AC-014 - Participate in Dam Failure and high water release exercises conducted by Army Corps of Engineers				
Yes	Short Term (<5yrs.)	No	The agency participates in annual exercises conducted by either USACE or BOR.	Ongoing Capability
AC-015 - Maintain an active dialogue with all the partners involved in the release rates of water from Lucky Peak Dam. Continue to seek a balance in the regulated flows that meets the needs of agricultural water users, flood control for urban areas and river recreationists.				
Yes	Short Term (<5yrs.)	No	EMCR maintains an active dialogue with both USACE and the BOR. One of the primary points of contact is through the Idaho Silver Jackets.	Ongoing Capability
AC-016 - Continue to maintain/enhance the County's classification under the Community Rating System.				
Yes	Short Term (<5yrs.)	No	Ada County actively pursues this goal through emergency, mitigation and community planning.	Ongoing Capability
AC-017 - Support County-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
AC-018 - Where appropriate, relocate or harden governmental records and service facilities currently located in hazard-prone areas. If the facilities cannot be relocated, determine and employ the most cost-effective methodologies to protect facilities from future potential damage caused by the known hazards of concern.				
Yes	Long Term (5+yrs.)	No	Records are in process of being digitized and maintained on servers outside of known hazard zones.	Ongoing Capability
AC-019 - Evaluate flood, dam/canal failure and earthquake risk to all Paramedic Stations and identify cost-effective solutions to mitigate those risks.				
Yes	Short Term (<5yrs.)	No	Hazard maps are updated as part of the 5 year cycle with some additional analysis being done in regard to flood/dam failure risk.	Ongoing Capability
AC-020 - Whenever possible, coordinate with local experts and employ natural environmental processes in mitigation activities that increase ecosystem resilience and reduce the impacts of flooding on the built environment.				
Yes	Long Term	No	Ongoing process along Boise River greenbelt areas.	Ongoing

	(5+yrs.)			Capability
Whitney Fire Protection District (WFPD)				
WFD-001 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
WFD-002 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
WFD-003 - Update, adopt, and enforce a new Wildland Urban Interface (WUI) Code to replace the existing code. Improve and update existing WUI hazard zones. (Coordinates with City of Boise Action B-11, North Ada County Fire & Rescue Action NACFR-3)				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
WFD-004 - Require Local Fire District Approval of Water and Access Requirements for all projects.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
WFD-005 - Continue Firewise Community program for residents in the foothills and promote adoption of Firewise for development within the wildland urban interface overlay. (Coordinates with City of Boise Action B-21, North Ada County Fire & Rescue Action NACFR-4)				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
WFD-006 - Support County-wide initiatives identified in Volume 1.				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
WFD-007 - Conduct wildland fire prevention education and outreach via the internet, social media and direct public outreach to support and promote fire adapted communities. Focus on fuel reduction on private property around new and existing homes via incentivizing homeowners, providing free debris pick-up and replacement Firewise vegetation at a discount. (Coordinates with City of Boise Action B-8, North Ada County Fire & Rescue Action NACFR-14)				

Yes	Short Term (<5yrs.)	No		Ongoing Capability
WFD-008- Meet and coordinate with private organizations, state, federal and other local agencies to develop, conduct and maintain wildfire mitigation and fuel-reduction projects, including prescribed fire (Rx fire), pile-burning and managed fire. Increase capacity to conduct these projects through hiring personnel and expenditures for equipment and biological control methods. (Coordinates with City of Boise Action B-15, Flood Control District #10 Action FCD10-12, North Ada County Fire & Rescue District Action NACFR-15)				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
WFD-009- Complete a Wildland-Urban Interface (WUI) risk assessment (a GIS exercise looking at vegetation in the undeveloped area, age of homes and other relevant factors). Improve individual parcel data with wildfire assessments. Provide a public portal to share data and educate on risk and community wildfire adaptation. (Coordinates with City of Boise Action B-7 and North Ada County Fire & Rescue District Action NACFR-5)				
Yes	Short Term (<5yrs.)	No		Ongoing Capability

Changes That May Impact Implementation of the Plan

Recommendations for Changes or Enhancements

Based on the review of this report by the Planning Committee, the following recommendations will be noted for future updates or revisions to the plan. Table 3 lists the new initiatives added this reporting period.

- _____
- _____
- _____
- _____
- _____
- _____

County Wildfire Protection Plan Partner Projects

On July 25, 2023 members of the Ada Fire Adapted Community Working Group held a meeting to report out on wildfire mitigation projects. Below is a summation of that meeting.

Avimor:

Firewise/vegetation management activities completed over the last calendar year:

Five-year Firewise Home Assessments

- Avimor's Habitat Management Plan/Development Agreement requires all external homes (as determined by Conservation Director) receive a Firewise Home Assessment every 5 years
- 2022- caught up on lapsed 5-year assessments; all data integrated into Intterra data system (previously only hard copies maintained by Avimor); created Survey123 for more efficient data collection, based data structure largely on Intterra schema for future data integration automation
 - Reports delivered to residents; includes both recommended and required corrective actions to be compliant with HOA

Vegetation Management

- 2022- mapped problem annual-dominated areas near community/SH-55 with priority for mowing/herbicide treatment
 - To-date: ~17 acres herbicide tx (primarily hemlock, white top, thistles in/near riparian areas, very little upland spray conducted [yet]); ~40 acres prescribed mowing for fuels control (prioritize SH-55 corridor, annual-dominated open space nearest to community)

Education/Outreach

- Firewise 101- in 2022, Conservation Director provided four 1-hour Firewise informational meetings for Avimor residents
- Firewise demonstration garden- Avimor has identified an area within the community as a site for a future Firewise demonstration garden
 - At the planning stage with Andrea/Brett at Idaho Firewise
 - Would love to utilize CWI horticulture students for education/outreach tours and annual maintenance
- OHV user outreach

- New permit process for OHV users within the Avimor community- must attend a 1-hour informational prior to obtaining an annual OHV access permit, includes wildland fire safety and prevention presentation from Eagle Fire District
- For annual renewal- must re-attend 1-hour informational

July 2023 Update on Mitigation Projects -City of Boise Wildfire Mitigation Team (WMT)

Chipping

- Spring chipping has concluded. We chipped approximately **eighty-nine (89) cubic yards** of hazardous woody biomass for approximately **one-hundred forty-three (143) homes**. I ran the signups using the free version Eventbrite, which worked great.
- In collaboration with Parks Community Forestry, we trained several operations firefighters and now have fifteen **(15) personnel trained on chipping**. I obtained the startup, operation, and maintenance MP4 video from Bandit and BFD Training Captain Jeremy Kircher has put it on iLearn so we can have annual refresher training for chipper-trained personnel.
- Our brand-new Bandit 12XP chipper has been purchased using BLM Community Assistance Grant funds. The chipper was delivered and upfitted by Fleet Services and is now ready for use (see photo).



- We will be receiving a 2006 Ford 1-ton truck with cross box and dump bed from the Parks Department Right of Way Division. We will be working with Fleet Services and Utility Trailers in Boise to upfit this vehicle with a light-weight aluminum chipper box that will sit on the dump bed. The current quote is approximately \$28k and the fab/upfit period will be approximately two (2) months. We will also be working with Fleet to add an additional leaf spring to each side of the rear suspension on the truck to allow it to handle the weight better.

- Working with Republic Services GIS folks to make sure our Fall 2023 chipping schedule does not interfere with their garbage pickup services, and so we don't have to move garbage bins while chipping.
- Worked with Parks and Fleet to procure **three (3)** pieces of equipment – the new chipper, the chipper truck, and a used Bandit 18XP chipper from Parks Community Forestry, which will be used as our back up chipper. Community Forestry has agreed to allow us to park our two (2) chippers and chipper truck at their lot next to Fleet on Dorman St. They have also agreed to do some of the regular maintenance on our two (2) chippers. Separately, we are sending a letter of thanks to Doug Holloway from our Fire Chief for the great work that personnel at Community Forestry have done to help Boise Fire with chipper training and allowing use of their chippers and chipper truck for the past couple of years, as well as them stepping in and helping with chipping on occasion.

Slope Mowing

- In May and June approximately **forty (40)** acres of City of Boise managed open space properties were mowed to create fuel breaks and minimize fuel along roadways and near homes. Some of these properties were mowed twice during that timeframe.
- Military Reserve will no longer be mowed due to updated data and concerns over unexploded ordinance (UXO).

Stack Rock

- Idaho Youth Conservation Corps will begin working in the Stack Rock Reserve starting August 1st. They have been contracted to cut and pile trees and brush for three weeks, for future pile burning.
- We have finalized the IDL MOU, for our Western States Fire Managers Grant for **\$240,000**. It is signed and we submitted a draft RFQ to Purchasing for tree/brush cutting and piling. Once the RFQ is posted and we get responses, we will send out an RFP for tree/brush cutting and piling to occur starting late Fall 2023, in preparation to pile burn Winter 2024/2025, provided we have a vendor who is willing to use all non-motorized trails to pack equipment and supplies into the location. Currently, it looks like we may have one vendor that is interested. This should hopefully allow for forty to fifty (40 – 50) acres of cutting and piling.
- We collaborated with Boise District BLM, who has agreed to create one or more helispots in the Stack Rock Reserve, which will be helpful for emergency support in case of injury to contractors, firefighters, or recreationists.
- We are also working with the USFS on possible future access through their property from the north, provided their timber sale goes through and the trails/roads are improved. We will need to put in place a land-use agreement with them if this goes through.
- Hoff Forest Products will not allow access through their property. The Berry and Spofford families, and Futura Corp are also not interested in allowing access, however we are still working on other ideas regarding this possible partnership, and/or possible alternative access.
- We have also talked about having Idaho Helicopters drop a Quadcon into the area, so contracting crews can have a place to lock up their equipment while spiking out in the area.

Wildland Fuel Techs

- Part-time (19-hours/week) Wildland Fuels Techs, Troy and Josh, have been working on mowing, chipping, landscaping, home evaluations, streetside evaluations, organizing storage rooms, etc. They are current on all their training, and I have been monitoring and approving their timesheets weekly. Troy will likely cut back on hours this summer and start picking up more hours when we start chipping again this fall. Josh will be taking classes full-time at CWI this fall and will continue to work with us part-time.

Station 1 Landscaping Demonstration

- There is currently a Public Works project which is affecting the westside path at the station. Hopefully this will wrap up soon.
- Volunteers from Idaho Firewise have been working effectively at weeding and keeping the project area in great shape. Troy and Josh have also been working here periodically.
- Martha Brabec has an applicator's license and will continue spraying the equisetum (Horsetail), which has spread along the westside path. We have been fighting this for a while and are trying to get rid of the equisetum so we can start to enhance the westside path by adding additional plants and plant ID markers.
- The Mutt Mitt post has been working well, with less dog waste along the westside path. Community members have been refilling the Mutt Mitt post with bags for use by other visitors to the site.

Clean Air Program Pilot

- We obtained **thirty-four (34)** Winix hepa air purifiers totaling approximately **\$3,800** from the Fire Adapted Communities Learning Network (FAC Net). We are in the process of distributing these air purifiers to assist at-risk individuals with creating a clean room in their home. I have been working with Maura and we have reached out to St. Luke's and Meals on Wheels to identify an NGO that we can partner with on this. We will likely just distribute these on our own toward the end of July or early August.
- I am also working on a private grant through our local Walmart to obtain additional Winix hepa air purifier units at cost.

Firewise USA Sites

- Working to get Firewise signs placed on posts in several communities.
- Attended **four (4)** NA and HOA meetings
 - East End NA
 - Spring Creek HOA x 2
 - Central Foothills NA
- Currently helping **four (4)** new communities with Firewise USA Site status.
 - Quail Ridge Neighborhood Association (again)
 - Spring Valley HOA
 - Barber Valley Townhomes
 - Harris Ranch East (required to be Firewise site, and should be reaching out soon)

- ## Project Books

- | Rank ID | Reserve Name | Initiation Year | Area | Water | Tree | Endemic | Sagebrush | Wired | Maritime | Great | Sandwich | Broadleaf | Dist | Re-Pl | Pling & Plus | Notes | Partners |
|---------|---------------------------------|-----------------|---------|-------|------|---------|-----------|-------|----------|-------|----------|-----------|------|-------|--------------|---------------------------------------------|-------------------------------------------------|
| 1000 | | 1950 | 10.58 | | | X | | | X | | X | | | | | | |
| 101 | Antelope Basin South Reserve | 2020 | 825.94 | | | | | | | | X | X | | | | lots of Russian Olive | Golden Eagle Audubon |
| 104 | Barbari Observation Point | 1990 | 2.15 | | | | | | | | | | | | | rare and endemic* | BLM |
| 202 | Antelope Res. | 2013 | 24.62 | X | | | | | | | X | X | | X | X | rare endemic plants* | HDAC and Idaho Power |
| 701 | Carner's Back Pasture | 1992 | 63.09 | | | | | | | | X | X | | X | X | rare endemic plants* | |
| 707 | Chief Lady Lake Reserves | 1996 | 46.53 | | X | X | | | | | X | X | X | X | X | Tree of Heaven not present | HDAC, Tribe and National Guard |
| 808 | East Valley Paving lot | 2018 | 0.20 | | | | | | | | | | | | | weed burning with propane torch | |
| 124 | Lawrence East Tr. | 1980 | 8.96 | | X | | | X | | | X | | | | | | |
| 130 | Piedmont East Reserve | 1970 | 23.58 | | | | | | | | X | X | X | X | X | lots of Russian Olive | Golden Eagle Audubon |
| 724 | Rocky Hillside South Preserve | 2020 | 35.11 | | X | X | | | | | X | X | X | X | | | |
| 725 | Hawkins Reserve | 2018 | 19.99 | | | | | | | | X | X | X | | | | |
| 718 | Hot House Parklands | 2010 | 2.48 | | X | | | | | | X | X | | X | X | good place for Re-Pl pilot | HDAC & NW water purveyors |
| 731 | Wildflower Initiative Reserve | 2013 | 289.24 | X | | X | X | X | X | | X | X | X | X | | rare and endemic** | |
| 420 | Washburn Trail | 2011 | 2.21 | | | | | | | | | X | | | | probably a Pathways Project | |
| 721 | Wagon Hole Reserve | 2013 | 28.71 | | | | | | | | | | | | | super steep new property | |
| 702 | Hulu South Reserve | 1991 | 291.49 | X | X | X | X | X | X | X | X | X | X | X | X | remove more Russian Olive, rare and endemic | HDAC, Army Corps, BLM |
| 181 | Wheat Hillside Area | 2011 | 51.53 | | | | | | | | X | X | X | X | X | | Public Works, Army Corps |
| 708 | Johnston Parcel | | 9.99 | | | | | | | | | | | | | on island, no treatments at this time | BLM |
| 145 | Park | 1962 | 32.08 | | | | | | | | | | | | | | Forestry, Public Works, Army Corps |
| 214 | Yellow Springs Park | 2013 | 74.23 | | X | X | | | | | X | X | X | | | lot of endangered | Golden Eagle Audubon |
| 703 | Mesa Reserve | 2003 | 238.87 | | | | X | X | X | X | X | X | X | X | X | | WSM, RCO, BLM, Idaho Fish & Game |
| 705 | Military Reserve | 1990 | 734.10 | X | X | X | X | X | X | X | X | X | X | X | X | | HDAC, Army Corps, BLM, Private Military Reserve |
| 704 | Noble Reserve | 2001 | 584.37 | | | | | | | | | | | | | surrounded by BLM, no treatments | BLM |
| 727 | Prosser | 2018 | 0.38 | | | | | X | | | X | X | X | | | | |
| 706 | Dragon Trail Reserve | 1990 | 76.72 | | | | X | X | | | X | X | X | | | | HDAC and Idaho Power |
| 716 | Pacific Valley Overlook Reserve | 2014 | 15.93 | | | | | | | | | | | | | very low priority at this point | |
| 718 | Pierce Gulch Farms | 2018 | 75.89 | | | | | | | | | | | | | super steep, no treatments at this point | |
| 806 | Pierce Park Site | | 2.07 | | | | | X | | | X | X | | | | growing lot for trials | |
| 700 | Piedmont South Reserve | 2009 | 448.48 | | | | | | | | | | | | | rare and endemic** | |
| 709 | Downs | | 9.27 | | X | X | | X | X | | X | X | | X | | | |
| 710 | Stack Rock Reserve | 2010 | 2272.95 | | X | X | | | X | | | | | | X | | access issues |
| 728 | Van Arman Park | | 7.03 | | | | | | | | | | | | | | |
| 186 | Wheatfield & Mountain Ridge | 1997 | 78.55 | | X | X | | X | X | | X | X | | X | | endangered and false Idaho | |
| 188 | Yellow Bluffs Park | 2011 | 20.23 | | | | | | | | | | | | | has some wildland buty | |

- Assist BFD Division Chief Fire Marshal Mike Bisagno with putting together a more comprehensive WUI materials list for the City of Boise. I have been working with the Austin Fire Department and have reached out and had discussions with both Steve Quarles and Daniel Gorham regarding California testing standards and comparison to ASTM testing. This is still in-process and will be a living document.

- Over the past year, I have worked with BFD Division Chief Fire Marshal Mike Bisagno and **fifteen (15)** other area partners on a consistent WUI Code update for a **five (5)** county area. The City of Eagle is very close to adopting a code, and the City of Meridian is working on it as well.
- Assisting Crash with scheduling an Ada Fire Adapted Working Group meeting for area partners to discuss current and future projects and possible collaborations. I am also trying to encourage and push Ada County to take the reins on this in the future.
- Update some of the project pages for www.adafireadapted.org , which Martha, CE, and I will work on this fall/winter. It would be great to have additional information and stories from other Ada County stakeholders to include on this site.
- Working with Idaho Firewise and CWI on putting together a Fall 2023 Every Yard Counts class directed toward landscape architects.
- Update attribute calculations in Intterra, as reflected risk seems too low. As an FYI, the public portal has been removed and is no longer being supported by Intterra on their new platform.
- Continue working on WFCA Janus and Intterra projects as necessary.
- Reviewed comments on CWDG grant

Eagle Fire District

Over the last year the Eagle Fire department has done the following Community Out Reach activities for fire mitigation. These activities met EFD Actions EFD- 4, EFD-7 and EFD-5

April 2022 Did a Wild Fire Mitigation presentation in conjunction with BFD for Hidden Springs and Cartwright Ranch with also handed out Ready Set Go and Firewise Material.(Approx. 40 homeowners)

June 2022 Open House at Hidden Springs Eagle Fire Station 5 met with the public and handed out Ready Set Go Material and Firewise Material. (Approx. 400 people attended)

Oct. 2022 Annual School Fire Safety programs K-5 (Approx. 3,002 students)

Oct 2022 Open House Eagle Fire Station 1 general fire safety and wildfire safety and all hazards messaging . General fire safety material handed out along with Wild fire safety material Ready Set Go and Firewise. (approx. 800 people attended)

May 2023 Booth at Eagles Saturday Market with smoke alarm material and free smoke alarms and Firewise material. 20 smoke alarms given away. (Approx. 300-400 people attended.)

June 10th Hidden Springs Wildfire Mitigation presentation with Environmental Conservation Services Inc. and Open House at Hidden Springs Eagle Fire Station 5 (Approx. 50 People.)

Mid 2022 met with Charlie Baun (ECS) and Jerry McAdams BFD regarding doing some type of fuels mitigation south of the Hidden Springs and Cartwright Ranch developments.

Southwest Idaho Resource Conservation and Development

WSMNA Vegetative Fuel Break

Hand crews have completed all of the assigned work to thin the hazardous fuels buildup along adjacent homeowner properties and along the Powerline recreational trail through the El Paseo HOA properties. (5 acres) Additional hand crew work will continue if additional funds are available from RC&D to accommodate the upcoming goat grazing contract. Work was also completed on the two identified power transmission lines to create defensible space between private homes. Next year's funds will prioritize on goat grazing and restoration efforts from the thinning work. Most of the leg work for administration work for approvals from the affected ownerships has been completed. Working with the City of Boise Park & Recreation staff for approvals of the 10 acres of city maintained property. Preparing additional proposal documents for city staff and commissioners per their request.

Starcrest Fuels and Restoration Project

Hand crews have exhausted the allocated funds for the project for this year. A higher than expected amount of invasive species work and thinning of built up fuels was encountered. Due to the steepness of the terrain and the lack of access, work has been slow and arduous, but we have met our objectives on hand work for roughly 60 percent of the total area. (5 acres) Next year's hand thinning will focus on the lower section of the ravine. Goat grazing has occurred on 5.2 acres as well, and the goats are completing the final two units and are expected to be completed by August 5th. The goat grazing has aided in completing hand thinning work by allowing better access to the more mature fuels on site. The access trail is 50 percent completed and will be wrapped up by August 5th as well. We were able to treat present noxious weeds on site prior to the goats and this was one of the targets for next year. The removal of the heaviest sections of invasive species on the project has led to some areas that will need more extensive restoration work and may need to be hydroseeded this fall.

Highlights of both projects:

Removal or chipping of an estimated 250 cubic yards of material. Most chips were left on site to assist in erosion control and restoration efforts.

Removal of 30 Russian Olives from the two project sites.

A majority of the adjacent homeowners have taken steps to reduce fuel loading on their properties with the aid of the hand crews

Removal of 17 tons of larger diameter woody materials from the site. Most wood was donated

Overall education of wildfire mitigation principles to adjacent homeowners

Additional Comments

Attachments

- Meeting agendas and minutes
- Meeting sign-in sheets