

Ada County Hazard Mitigation Plan Annual Progress Report

Reporting Period: January 2012 to January 2013

Background: Ada County and its planning partners have developed its All Hazards Mitigation Plan to provide its vision for reducing its risk from all hazards by identifying resources, information, and strategies for risk reduction. Responding to programmatic requirements defined under the Disaster Mitigation act of 2000. This act required state and local governments to develop hazard mitigation plans as a condition for federal grant assistance. Over a 16 month period from March of 2010 to September of 2011, the partnership organized resources, assessed the risks to natural hazards within the planning area, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address the probable impacts from natural hazards within The Ada County planning area. By completing this process, the Partnership has maintained its compliance with the parameters of the Disaster Mitigation Act, and thus leveraged hazard mitigation grant funding opportunities afforded under the Robert T. Stafford Act. Copies of the plan are available to the public throughout the Ada County Public Library system and it can be viewed on-line at:

<http://www.accem.org/hmpu.html>

Summary Overview of the plan's progress

The performance period for the ACHMP became effective on December 22, 2011, with the final approval of the plan by FEMA region X. The initial performance period for this plan will be 5 years, with an anticipated update to the plan to occur in 2016. This progress report will cover the first 1-year reporting period for the plan. As of this reporting period, the performance period for this plan is considered to be **7%** complete. The ACHMP has targeted 230 hazard mitigation initiatives to be pursued by the Planning Partnership during the initial performance period of this plan update. As of the reporting period the following overall progress can be reported:

- **163 out of 230 initiatives (71 %) reported on-going action towards completion.**
- **17 out of 230 initiatives (7 %) were reported as being complete as of this reporting period.**
- **50 out of 230 initiatives (22 %) reported no action taken as of this reporting period**
- **3 of the initiatives are to be reviewed for removal from the update.**
- **8 of the initiatives have changed priority from short term to long term, primarily due to funding.**

Purpose: The purpose of this report is to provide the governing bodies of the planning partnership, Stakeholders and the citizens of the Ada County planning area a progress report on the implementation of the action plan identified in the ACHMP. This report has been prepared by the planning team and was reviewed and confirmed by the ACHMP Steering Committee in accordance with section 7.2 of the plan. The Steering Committee reviewed and approved this progress report at their meeting held July 29, 2013. The objective of this evaluation is to ensure that there is a continuing and responsive planning process that will keep the ACHMP dynamic and responsive to the needs and capabilities of the planning partnership as well as providing the Steering Committee information on needs for improvements through the plan update process. This report will discuss the following:

- I.) Natural Hazard Events that have occurred within the last year
- II.) Changes in risk exposure within the planning area
- III.) Mitigation Success Stories
- IV.) Review of the action plan(s)
- V.) Changes in capability within the planning Area that could impact plan implementation
- VI.) Recommendations for changes/enhancement

The Steering Committee: The development of the plan was overseen by a steering committee that was made up of planning partners and stakeholders within the planning area. This oversight committee operated under a set of ground rules that they helped to establish and that that supported the primary objectives of the planning process. It was determined through the plan’s development process that a Steering committee will remain as a viable body to oversee the maintenance aspects of the plan as established in Chapter 7. This body will remain as organized in the established ground rules, but will be dynamic in its membership. It is anticipated that there will be turn-over in this membership annually that will be monitored via the progress reporting mechanism. It is also anticipated the Steering Committees role in overall plan implementation will be dynamic, based on the hazard mitigation needs of the Operational Area. At a minimum, the Steering Committee will provide technical review and oversight on the development of a performance period progress report. For this reporting period, the Steering Committee Membership is as indicated in table PR-1.

TABLE PR-1. STEERING COMMITTEE MEMBERS		
Name	Title	Jurisdiction/Agency/Stakeholder
Jim Tibbs ^a	Ada County Commissioner	Board of County Commissioners
Angela Parra Gilman ^b	County Engineer	Ada County
Brian Terry	Program Coordinator	Micron, Inc.
Darrin Carroll	Stormwater Supervisor	Ada County Highway District
Margaret Dimmick	Commissioner	North Ada County Fire and Rescue District
Harry Eccard	Deputy Director	Ada County Paramedics
Mike Winkle	Chief	Eagle Fire Department
Romeo Gervais	Deputy Chief- Fire Marshal	Boise Fire Department
Jerry McAdams	Captain, Wildfire Mitigation	Boise Fire Department (alternate)
Rob Bousfield	Assistant City Engineer	City of Boise (alternate)
Hal Simmons	Planning Director	City of Boise (alternate)
Steve Sweet	Engineer	Flood Control District 10
Chuck Ferguson	Project Manager	Flood Control District 10 (alternate)
Susan Cleverley	Mitigation Planner	Idaho Bureau Of Homeland Security
Gary Pagel	Business Continuity Manager	Idaho Power Company
Rob Littrell	Emergency Mgt. Planner	Boise State University
Barbara Beagles	Environmental Health Officer	Boise State University (alternate)
Dave Miles	Surface Water Administrator	City of Meridian
a. Steering Committee Chairperson		b. Steering Committee Vice Chairperson

Natural Hazard Events within the Planning Area

During the reporting period, there was one natural hazard event within the planning area that had a measurable impact on people or property.

In April of 2012 two days of high temperatures were followed by two days of heavy rain. This caused the snowpack to melt rapidly and flows into the Boise River system went as high as 26,000 cubic feet per second (cfs). Water managers controlled flows, but this sudden run-off sent 8,100 cfs. downstream through town. Flood stage on the river is 7,000 cfs.; the higher flows caused damage and threatened infrastructure, businesses and homes.

Partnerships proved vital as a potential pit capture near the head of Eagle Island was prevented through a coordinated effort. Local, state and federal resources were onsite to assist with assessments, private engineers provided additional soils expertise and the land owner provided all of the needed materials and labor to maintain the integrity of the area.

The high flows also caused an overtopping of a canal head-gate and two riverbank breaches along the Little Pioneer Ditch. Uncontrolled flows into the irrigation canal caused flooding on agricultural lands and threatened numerous public rights of way in Star. Ada County Highway District (ACHD) took the lead and completed the bank repairs that resolved this issue. The event was monitored by the Eagle Incident Management team with additional technical expertise provided by Flood Control District #10 (FCD 10) and the U.S. Army Corps of Engineers (USACE).

Changes in Risk exposure within the Planning Area

The ACHMP addressed the probable impact for the following natural hazard events within the planning area:

- Dam Failure
- Drought
- Earthquake
- Flood
- Landslide
- Severe Weather
- Volcano (Ash Fall)
- Wildland Fire

During the reporting period, there was no occurrence of any natural hazard event within the planning area that would alter or change the probability of occurrence, or ranking of risk for the natural hazards addressed by the HOAHMP.

Mitigation Success Stories

- 1.) Recently compiled soil maps provided by the Idaho Bureau of Homeland Security (BHS) have been incorporated into the Ada County HAZUS model to create the best available platform for future seismic modeling.
- 2.) A partnership between ACCEM, the Idaho Silver Jackets, USACE and the National Weather Service (NWS) have completed a new interactive river flow model that allows the public to view the potential effects of 15 different river flows to include the 100 and 500 year events. This public outreach tool depicts the river from the diversion dam to the head of Eagle Island. It can be viewed at: http://water.weather.gov/ahps2/inundation/inundation_google.php?gage=big1

- 3.) A river bank stabilization project located at the edge of the Wood Duck Island subdivision has been completed. It will receive additional work in 2014. This project reduces the flood vulnerability of the neighborhood and adjoining public paths.
- 4.) Boise City Hall is currently in the process of a major remodel. This project includes upgrades to bring the building up to the most recent building codes for seismic safety.
- 5.) Garden City has purchased emergency generators to assist in maintaining continuity of government during a disaster.
- 6.) Garden City has purchased and installed locking mechanisms for manholes located in the floodway.
- 7.) Multiple jurisdictions have either adopted or are in the process of adopting higher regulatory standards to prevent or reduce risk in the built environment.
- 8.) Ada County Paramedics has relocated its administration headquarters out of the floodplain.
- 9.) ACHD in partnership with Drainage District #4 (DD4) has conducted outreach to local Homeowners Associations in regard to local flooding issues in Garden City. The result was an engineered project that will reduce a recognized flood threat in the area. The project is currently submitted for Flood Mitigation Assistance (FMA) grant funding.
- 10.) The Eagle Sewer District (ESD) has completed a study, formulated a resolution and completed a project to reduce flood exposure to the Mace Road lift station.
- 11.) ESD completed the removal of the old head works facility and improved the small surrounding dike to reduce potential erosion during high water events.
- 12.) The Independent School District of Boise has completed seismic surveys of five schools and seismic strengthening is underway through new projects and remodels.
- 13.) Flood Control District 10 (FCD #10) has removed downed trees and debris from the 2012 high water event along 9 miles of the Boise River channel. Additionally, they removed 40 % of the brush piles located within the floodplain, the original goal was 20% by 2016.

Review of the Action Plan

This section will review the action plan of each planning partner and determine the status of each initiative. The following action plan matrix will provide the following information:

- Brief summary of the initiative
- Time Line
- Priority
- Status

Reviewers of this report should refer to Part 4 of the plan for more detailed descriptions of each initiative and the prioritization process. Under the “status” section of the following section the following comments with regards to each initiative:

- Was any element of the initiative carried out during the reporting period?
- If no action was completed, why?
- Is the timeline for implementation for the initiative still appropriate?
- If the initiative was completed, does it need to be changes or removed from the action plan?

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
UNINCORPERATED ADA COUNTY(AC)				
AC001 —Evaluate the cost-effectiveness of raising the walls around the Courthouse basement entries. This action would mitigate the flood threat of water coming into the basement and flooding the electrical room and generator. Include the Parking structures to the east of the courthouse in the study				
No	Long Term	No		No Progress
AC002 —Install Bypass switches to 400 Benjamin—east electrical room to allow for tie-in of a back-up Generator. This would allow for the use of the space during a major event where COOP was needed.				
Yes	Long Term	Yes	Brief cost analysis conducted. Current budgeary restrictions prohibit action in the near future.	No Progress
AC003 —Perform a study on the most cost effective way to provide additional back-up power for the Courthouse to provide for full services. Look into the possibility of placing the Gen-Set on the roof of the facility to remove it from flood issues. This would take a structural investigation of the facility				
No	Long Term	No		No Progress
AC004 —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.				
No	Long Term	No		Ongoing
AC005 —Examine and determine the most cost effective method to harden irrigation canals (i.e. tiling) in areas of high urban interface to prevent the flooding of residences and businesses.				
No	Long Term	No		No Progress
AC006 —Maintain community’s compliance and good standing under the National Flood Insurance program.				
Yes	Short Term	No		Ongoing
AC007 — 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.				
No	Short Term	No	No funding currently available.	No Progress
AC008 —Continue outreach to Irrigation Districts in an effort to encourage their participation in the Mitigation Plan as planning partners.				
No	Long Term	No		Ongoing
AC009 —Coordinate with Idaho Bureau of Homeland Security (IBHS) and obtain detailed soils information for the County as a whole. Current seismic models may not accurately reflect potential damages to critical infrastructure and the built environment. This information is also necessary for more accurate Landslide risk assessment.				
Yes	Short Term	No	New maps produced by BHS have been added as map layers in the HAZUS model.	Complete
AC010 —Partner with members of the Idaho Silver Jackets to model multiple flow rates of the Boise River starting at flood stage (7000 cubic feet/sec) and continuing to the 500-year event (35,500 cubic feet/sec) from the diversion dam to the head of Eagle Island. Display the finished models as an interactive map on the NOAA Advanced Hydrologic Prediction Service webpage as an outreach to expand public awareness of flood potential to properties surrounding the river.				
Yes	Short Term	No	Model completed and on the AHPS website.	Complete

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
AC011 —Coordinate with local fire agencies/districts to develop more detailed and accurate fire risk maps that address the current and proposed future wildland urban interface (WUI) from the jurisdictional level. Engage resources from the National Interagency Fire Center to assist with this process.				
Yes	Short Term	No	Boise Fire Department has applied for an AFG Grant on behalf of all community partners to develop the map.	Ongoing
AC012 —Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Short Term	No	New standards have been proposed for review.	Ongoing
AC013 —Maintain an active Public Outreach strategy using the web, emails and public presentations to inform the public how to personally prepare for and mitigate the hazards of concern.				
Yes	Short Term	No	Have expanded outreach efforts via email, literature and presentations.	Ongoing
AC014 —Maintain Boise Foothills Sirens to ensure functionality. Continue the “Siren Sounds” awareness campaign to ensure the neighborhoods directly affected by flooding are aware of testing schedules and proper procedures during an actual alarm.				
Yes	Short Term	No	The Siren System effectiveness is under review and decisions on the purchase of a newer system or some other alternative warning system are ongoing.	Ongoing
AC015 —Maintain emergency alert phone system to notify residents of evacuations orders and procedures during a natural hazard event.				
Yes	Short Term	No		Ongoing
AC016 —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.				
No	Long Term	No		No Progress
AC017 —Participate in Dam Failure and high water release exercises conducted by Corps of Engineers				
Yes	Short Term	No	County staff participates in exercises.	Ongoing
AC018 —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	No		Ongoing
AC019 —Partner with the City of Boise to determine the most cost effective means of stabilizing the bank of the Boise River at the edge of the Wood Duck Island subdivision. Complete the stabilization using the method prescribed by the analysis.				
Yes	Short Term	No	The short term fix for this site was completed in 2/13 in coordination with Boise City. A long term permanent fix to the stability issue has been funded. Design will be completed FY 2013 and construction in FY 2014	Complete

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
AC020 —Continue to maintain/enhance the County’s classification under the Community Rating System				
Yes	Short Term	No	Completed 5 year review. Waiting for final status from FEMA.	Ongoing
AC021 —Integrate Local Hazard Mitigation Plan into the Ada County Comprehensive Plan.				
No	Long Term	No	No Comprehensive Plan Review currently scheduled.	No Progress
AC022 —Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
No	Long Term	No	No structures have been identified at this time.	No Progress
AC023 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
AC024 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
AC025 —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.				
No	Long Term	No		No Progress
CITY OF BOISE (B)				
B-1 —City Hall Structural Seismic Retrofit; structural upgrade of the City Hall facility to bring it into compliance with current seismic building code standards.				
Yes	Short Term	No		Ongoing
B-2 —Esther Simplot Flood Channel (joint project with Boise City and Garden City); a flood study of the Boise River between Main St. and Veteran’s Memorial Park bridges is underway and expected to result in a project to construct side channels / channel modifications to greatly reduce flood potential in both Garden City and in Boise City				
Yes	Short Term	No		Ongoing
B-3 —Identify the Wildland-Urban Interface (WUI) do a risk assessment (a GIS exercise looking at vegetation in the undeveloped area and age of homes) of this area. In addition conduct a multi-year effort to do Red Zone surveys of the homes in this area. This analysis would then lead into a pilot program (an anchor point) involving restoring native vegetation on public lands and incentivizing neighbors to alter vegetation on their property. Also see North Ada County Fire & Rescue (NACFR) Initiative #3.				
Yes	Long Term	No		Ongoing
B-4 —Wildland Fire Prevention Programs/Education and Outreach (Implementation of the WUI Standards). Focus on fuel reduction on private property around new and existing homes via incentivizing homeowners, providing free debris pick-up and replacement fire wise vegetation at a discount.				
Yes	Long Term	No		Ongoing
B-5 —Fire Station Seismic Upgrades: Boise Fire has already identified two buildings with major seismic problems (including the Logistics/Maintenance building) at a cost of two million dollars. This project will perform a vulnerability assessment on 16 other Fire facilities and initiate upgrades. Also see N. Ada County Fire & Rescue Initiative #2.				
Yes	Long Term	No		Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
B-6—Flood Containment Facility Maintenance: Continue to maintain foothills flood containment facilities such as the Cottonwood flood ponds and flume, etc.				
Yes	Long Term	No		Ongoing
B-7—Update Floodplain Ordinance: Evaluate existing floodplain ordinance to look for opportunities to strengthen requirements, decrease risks and promote/support the city’s “no adverse impact” floodplain management policy.				
Yes	Short Term	No	Draft ordinance complete, need to reschedule hearings after unexpected deferall by P&Z Commission.	Ongoing
B-8—Maintain Boise’s compliance and good standing under the National Flood Insurance Program (NFIP).				
Yes	Long Term	No		Ongoing
B-9—Continue to maintain/enhance the City’s classification under the Community Rating System				
Yes	Long Term	No		Ongoing
B-10—Integrate Local Hazard Mitigation Plan into the City of Boise Comprehensive Plan.				
No	Short Term	Yes		No Progress
B-11—Where appropriate, support retrofiting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
No	Long Term	No		No Progress
B-12—Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Long Term	No	Draft floodplain ordinance includes larger setback requirements from tributary streams and gulches.	Ongoing
B-13—Support County-wide initiatives identified in Volume 1.				
Yes	Long Term	No		Ongoing
B-14—Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Long Term	No		Ongoing
CITY OF EAGLE (E)				
E-1—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.				
Yes	Short Term	No	Discussions with federal partners on installation and maintenance costs have begun. Budget constraints may change the timeline to a long term project.	Ongoing
E-2—Partner with ACHD on bridge replacement of Dry Creek Bridge @ Floating Feather, w/o Eagle Rd Replacement. Replace structure to increase freeboard reduce restriction on Dry Creek.				
No	Long Term	Yes	Funding needed for planning and desgn of project currently not available.	No Progress

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
E-3—Maintain community’s compliance and good standing under the National Flood Insurance program.				
Yes	Short Term	No		Ongoing
E-4—Continue to maintain/enhance the City’s classification under the Community Rating System				
Yes	Short Term	No		Ongoing
E-5—Integrate Local Hazard Mitigation Plan into the City of Eagle Comprehensive Plan.				
Yes	Long Term	No	Preparing to begin initial surveys for potential incorporation.	Ongoing
E-6—Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
No	Long Term	No		No Progress
E-7—Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Short Term	No		Ongoing
E-8—Consider the formation of a Surface Water Utility district and/or a Capital Improvements program for drainage, as a method of funding the mitigation of stormwater impacts created by new development.				
No	Long Term	No		No Progress
E-9—Partner with other appropriate agencies within the planning area, such as Ada County, in the development of a comprehensive stormwater management plan that will evaluate the projected impacts of future development in the watersheds that impact the City of Eagle and make regional recommendations to mitigate those impacts.				
No	Long Term	No		No Progress
E-10—Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
E-11—Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
E-12— Partner with the County, Eagle Fire District, and West Valley Little League to develop a defensible open space use for the urban wildland interface area near Horseshoe Bend Road and Floating Feather Road (Eagle Cycle Park). This use shall strive to mitigate the impacts of wildfire and stormwater runoff in a multi-objective, multi-use manner.				
Yes	Long Term	No	Changing priorities in open space planning make this project no longer feasible.	Remove
CITY OF GARDEN CITY (GC)				
GC1—Update and training on Emergency Action Plan				
Yes	Short Term	No		Ongoing
GC2—Establish emergency preparedness inventory with inspection and replacement plan				
Yes	Long Term	Yes	Timeline has changed based on staff availability to complete project by 2016.	Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
GC3—Develop/update a Capital Improvement Plan for capital facilities/infrastructure within the City.				
Yes	Long Term	No		Ongoing
GC4—Installation of manhole locking mechanisms in the floodway				
Yes	Short Term	No		Complete
GC5—Fresh water supply well house security camera installation.				
Yes	Long Term	No	Some have been purchased, but not for all wells.	Ongoing
GC6—Garden City Parks security camera installation				
No	Long Term	Yes	Project will be completed when funding becomes available.	No Progress
GC7—Streetlight replacement/conversion to alternative energy streetlights				
Yes	Short Term	No	Certain areas of the city have been switched over at this time.	Ongoing
GC8—Acquisition of vulnerable property within the floodplain for use as parks to mitigate flood waters				
No	Long Term	No	This will be done as budget allows, potential purchases are being monitored.	Ongoing
GC9—Purchase of equipment to aid in recovery from a flood event for the Library				
No	Long Term	Yes	Not currently within budget, alternate options are being researched.	Ongoing
GC10-- Maintain community's compliance and good standing under the National Flood Insurance program				
Yes	Short Term	No	City currently in good standing and working to remain so.	Ongoing
GC11-- Obtain portable generators for use in Ada County during power outages and other emergency situations				
Yes	Short Term	No		Complete
GC12—Continue to maintain/enhance the City's classification under the Community Rating System				
Yes	Short Term	No	Ongoing but have not received info from 2012 audit yet.	Ongoing
C13—Integrate Local Hazard Mitigation Plan into the Garden City Comprehensive Plan.				
No	Short Term	No	Comp Plan under review-Mitigation Plan will be incorporated with update of Comp Plan.	No Progress
GC14—Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
Yes	Long Term	No		Ongoing
GC15—Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Short Term	No	Building Codes Updated.	Complete
GC16—Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
GC17—Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
Yes	Short Term	No	Review completed with PW and PLanning Department	Ongoing
CITY OF KUNA (K)				
K1—Standardized regulation of HVAC, and life safety codes				
No	Long Term	No	Remain compliant with International/Residential codes.	Ongoing
K2—Develop and maintain an inventory of City Critical facilities and infrastructure				
No	Long Term	No		No Progress
K3—Open space preservation in identified high risk hazard area.				
No	Long Term	No		Ongoing
K4-- Maintain community's compliance and good standing under the National Flood Insurance program				
Yes	Short Term	No		Ongoing
K5—Integrate Local Hazard Mitigation Plan into the City of Kuna Comprehensive Plan.				
No	Short Term	No		No Progress
K6—Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
No	Long Term	No	No properties have been identified at this time.	Ongoing
K7—Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
No	Long Term	No		Ongoing
K8—Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
K9—Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
CITY OF MERIDAIN (M)				
M-1—Conduct a survey of water, sewer, fire, and police infrastructure including power generation equipment, wastewater treatment plant facilities, communications, and Supervisory Control and Data Acquisition (SCADA) equipment to analyze vulnerability to severe weather and earthquake, then design and execute improvements to mitigate.				
No	Long Term	Yes	Due to lack of time and resources the priortiy has changed to long term	No Progress
M-2—Become a “Firewise Community”				
No	Long Term	Yes	Due to lack of time and resources the priortiy has changed to long term	No Progress
M-3—Maintain compliance and good standing in the National Flood Insurance Program				
Yes	Long Term	Yes	Completed Successful CAV continuing good standing in NFIP and allowing analysis of CRS to begin	Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
M-4—Apply for participation in the Community Rating System (CRS) and Maintain Standing in CRS				
Yes	Short Term	No	Completed CAV audit, now beginning BCEGS review, updated ordinance adoption and benefit cost analysis to determine which level is target entry under initial application.	Ongoing
M-5—Consider the creation of a surface water utility including fee collection.				
Yes	Short Term	No	Initiating feasibility study to determine whether or not irrigation district is feasible for City and whether a utility fee should be part of that district. No action yet on Stormwater Utility Fee analysis.	Ongoing
M-6—Develop a comprehensive surface water protection program, including a stormwater management plan that includes the creation of a capital improvements program for stormwater in support of a stormwater utility.				
Yes	Long Term	Yes	Capital improvement stormwater program is initiated. Continuing to develop elements of Comprehensive Surface Water Protection Plan.	Ongoing
M-7— Partner with ACHD to implement a culvert replacement program for approximately 15 crossings of Fivemile, Ninemile, and Tenmile Creeks including design and construction.				
No	Long Term	No	Culvert at N. Meridian Rd was upgraded during design phase to carry 100 yr flow in partnership with ACHD and MDC under Split Corridor, Phase II project. Other culverts, not identified under this program, upgraded but not counted against this initiative.	Ongoing
M-8— Partner with Idaho Transportation Department (ITD) to design and construct culvert improvements on Fivemile Creek at the I-84 / Eagle Road Interchange according to recommendations of “Fivemile Creek at Interstate 84—Eagle Road to Wells Street” Hydraulic Report, November 2008.				
Yes	Long Term	No	Initial design of WB ramp culvert initiated as part of I-84 Meridian Rd to Five Mile/Y project. Analysis of construction feasibility for 2013 beginning.	Ongoing
M-9—Perform a vulnerability assessment on the Ridenbaugh and New York Canal system in the Meridian Area of Impact.				
No	Short Term	No		No Progress
M-10— Perform an assessment to determine housing areas that would benefit from foundation elevation projects. Work with homeowners to apply for grant funding for projects.				
No	Long Term	No		No Progress
M-11— Integrate Local Hazard Mitigation Plan into the City of Meridian’s Comprehensive Plan.				
No	Short Term	No	Need to incorporate into next available update to Comp Plan	No Progress
M-12—Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Long Term	No	Updates to Flood Damage Prevention Ordinance have been reviewed and are under update process. Other hazards still to be analyzed.	Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
M-13 — Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
No	Long Term	No		No Progress
M-14 —Support County-wide initiatives identified in Volume 1.				
No	Short Term	No	Plan adopted, reviews conducted, initiatives supported.	Ongoing
M-15 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No	Attend planning, update and steering committee meetings.	Ongoing
CITY OF STAR (S)				
S-1 —Consider participation in the Community Rating System				
Yes	Short Term	No		Ongoing
S-2 —Integrate Local Hazard Mitigation Plan into the City of Star Comprehensive Plan.				
No	Short Term	No		No Progress
S-3 —Consider appropriate higher regulatory standards that prevent or reduce risk to the built environment from the known hazards of concern.				
Yes	Short Term	No		Ongoing
S-4 — Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.				
No	Long Term	No	No specific properties identified at this time.	No Progress
S-5 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
S-6 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
#S-7 —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.				
Yes	Long Term	No	Bank repairs were made in May of 2012 in Ada County to stop flooding from a river breach into a irrigation canal that was forced beyond capacity which then threatened properties in Star.	Ongoing
ADA COUNTY EMERGENCY MEDICAL SERVICES DISTRICT (EMS)				
EMS-1 —Relocate Admin Building out of 100 year flood plain				
Yes	Short Term	No		Complete
EMS-2 —Develop a Continuity of Operations Plan (COOP).				
Yes	Short Term	No		Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
EMS-3 —Evaluate flood, Dam Failure and earthquake risk of the Glenwood Station and identify cost-effective solutions to mitigate those risks.				
Yes	Long Term	No		Ongoing
EMS-4 —Evaluate flood, Dam Failure and earthquake risk to M15 station (200 W State St., Boise) this building has had flooding issues in the basement.				
Yes	Short Term	No		Ongoing
EMS 5 —Provide backup power to EMS response stations				
Yes	Long Term	No		Ongoing
EMS-6 —Evaluate exposure to EMS response stations that are co-located with Fire Departments and Hospitals				
Yes	Short Term	No		Ongoing
EMS-7 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
EMS-8 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
EAGLE FIRE PROTECTION DISTRICT (EFD)				
EFD01 —To continue to provide fire safety, fire prevention and Firewise education to our neighborhoods, schools and community via web pages, signage and outreach.				
Yes	Short Term	No		Ongoing
EFD02 —Partnering with the Healthy Hills Coalition develop demonstration areas using low bio-mass native vegetation that will decrease fire spread and damage from wildland fire.				
Yes	Short Term	No		Ongoing
EFD03 —To 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.				
No	Long Term	Yes	Not feasible for upcoming budgets .	No Progress
EFD04 —Partnering with adjoining jurisdictions in purchasing specialized equipment to reduce and eliminate invasive grasses through the means of applying herbicides and replanting of fire resistant native plant species in the wildland urban interface area(s)				
Yes	Short Term	No		Ongoing
EFD05 —Partnering with adjoining jurisdiction rehabilitate areas impacted by wildfire for wildlife while sustaining access to recreational trails and to prevent erosion.				
Yes	Short Term	No		Ongoing
EFD06 —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	No		Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
EFD07 —Host 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	No	Event held every October.	Ongoing
Initiative EFD08 —Partner with appropriate local authorities to establish right-of-way and construct a roadway that will allow access on to State Hwy 44 from Plaza Dr. to enhance response capabilities for the Eagle Fire Department and Ada County Sheriff’s Department.				
No	Long Term	Yes	Traffic flow and road plan issues currently inhibit progress.	No Progress
Initiative EFD09 — Partner with the County, Eagle, and West Valley Little League in the development of a defensible open space use in the urban wild land interface area in the vicinity of Horseshoe Bend Rd, and Floating Feather Rd (Eagle Cycle Park). This use shall strive to mitigate the impacts of wildfire and stormwater runoff in a multi-objective, multi-use manner.				
Yes	Long Term	Yes	Changing priorities in open space planning make this project no longer feasible.	Remove
EFD10 —Support County-wide initiatives identified in Volume 1				
Yes	Short Term	No		Ongoing
EFD11 —Continue to support the implementation, monitoring, maintenance, and updating of the Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
KUNA RURAL FIRE PROTECTION DISTRICT (KFD)				
KFD1 —Support County-wide initiatives identified in Volume 1				
Yes	Short Term	No		Ongoing
KFD2 —Continue to support the implementation, monitoring, maintenance, and updating of the Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
KFD3 —Comply with all applicable building and fire codes, as well as other regulations when constructing or significantly remodeling infrastructure facilities.				
Yes	Short Term	No		Ongoing
KFD4 —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	No		Ongoing
KFD5 —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	No		Ongoing
KFD6 —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	No		Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
KFD7 —Require that development in high fire hazard areas provide adequate access roads, onsite fire protection systems, evacuation signage and fire breaks.				
Yes	Short Term	No	Progress primarily in access roads.	Ongoing
KFD8 —Ensure adequate fire equipment road or fire road access to developed and open space areas.				
Yes	Short Term	No		Ongoing
KFD9 —Construct a Railroad overpass to access south side of Kuna for emergency access and evacuation routes. Approx. 70 trains pass through and often block access to large portion of the District.				
No	Long Term	No	Will be done when funding is available.	No Progress
KFD10 —Evacuation routes, map and mark evacuation options from southern portion of District. Provide public education in regards to evacuations.				
No	Short Term	No		No Progress
KFD11 —Increase communication capabilities between agencies, coordination of radio types and use of existing and new systems.				
Yes	Short Term	No	Continued participation in the Emergency Communications Planning Committee.	Ongoing
KFD12 —Establish a local weather station, current information provided is often inaccurate due to the location and geographical differences within the county and our District.				
No	Short Term	No		No Progress
KFD13 —Identify & obtain necessary emergency response training and equipment for water/flood related response and rescue.				
Yes	Short Term	No		Ongoing
KFD14 —Identify & obtain necessary emergency response training and equipment for hazardous materials. Natural hazards present high risk with rail cargo involving hazardous material spills and fires.				
Yes	Short Term	No	FEMA training conducted to increase awareness of this type of event. Training including local law enforcement staff.	Ongoing
MERIDIAN RURAL FIRE PROTECTION DISTRICT (MRFD)				
MRFD 01—To continue to provide fire safety, fire prevention and Firewise education to our neighborhoods, schools and community via web pages, signage and outreach.				
Yes	Short Term	No		Ongoing
MRFD 02 -Support implementation of the county-wide initiatives identified in Chapter 20 of Volume 1				
Yes	Short Term	No		Ongoing
MRFD 03- Support implementation of the plan maintenance strategy identified in Chapter 7 of Volume 1.				
Yes	Short Term	No		Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
NORTH ADA COUNTY FIRE AND RESCUE (NACFR)				
NACFR-1—Consistent Standards for Development in High-Risk/Underserved Areas				
Work with other agencies and jurisdictions to develop and implement consistent WUI (wildland-urban interface) development and construction standards for sprinklers in new construction in the urban interface where fire stations and/or water supplies for firefighting are absent or inadequate. Educate developers and builders in WUI construction and landscaping best practices as part of all new development in the wildland-urban interface. (Boise Initiatives 3 and 4).				
Yes	Short Term	No	See Boise Initiatives 3 and 4	Ongoing
NACFR-2—Conduct Wildland-Urban Interface GIS-Based Hazard Assessment				
Develop a wildfire and landslide risk-assessment for vegetation and slope in undeveloped areas. Also assess risk associated with mature landscape and construction standards for already developed areas. (Boise Initiative-3)				
Yes	Short Term	No	See Boise Initiative 3	Ongoing
NACFR-3—Earthquake retrofitting of Fire Stations 18, 20				
Assess stations for structural and non-structural earthquake mitigation measures. Install or retrofit to reduce impact of earthquake (Boise Initiative-5).				
Yes	Short Term	No	Station 16 was assessed for earthquake hazards. Mitigation strategies will be ongoing and dependant upon funding.	Ongoing
NACFR-4—Firewise Community Program for Residents in the Foothills				
Obtain Firewise Community Certification for Hidden Springs. Conduct Firewise Homeowners Workshops.				
Yes	Short Term	No		Complete
NACFR-5—Develop Community Emergency Response Team Pilot Program for Hidden Springs				
The Hidden Springs Community is an example of an underserved “leapfrog” development. Fire and EMS response is delayed, and current funding does not allow full time staffing of a fire station. This initiative would help organize the Community to support its residents and assist public safety responders in the event of any natural or human caused emergency. The initiative would include training, exercise, and purchase of training materials and required equipment and supplies. The initiative would also provide funding for staff to administer the initiative (could be combined with Initiatives 1, 2 and 8, and shared with Boise Fire Department).				
Yes	Short Term	No	An EMS Quick Response Unit has been purchased, and equipped, and EMTs recruited and trained. Unit should go into service within the next 60 days. Ada County Emergency Management has also completed CERT Training for the Community.	Complete

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
NACFR-6—Location/Construction Study for New flood/earthquake Resistant Fire Station to Replace Station 16				
Initiate a study to identify the optimal location and construction plans to mitigate both flood and earthquake hazards in a new fire station to replace the Glenwood Fire Station 16.				
The current Glenwood Station 16 is constructed in the 500 year flood plain, on the boundary with the 100 year flood plain. It is located just upstream from the Glenwood Bridge, where it would be quickly inundated if the bridge were to obstruct water flow. In addition, the 60s-era Station is constructed of unreinforced masonry. This initiative would help the District identify a location and design a structure that would be optimally located for service delivery, and resistant to floods and earthquakes.				
Yes	Short Term	No	A standard of care study has been conducted, and indicates that the current location is the optimal location for providing structural fire response. The current building is being assessed for cost-effective mitigation actions, and more extensive mitigation efforts will be undertaken when funding allows replacement of the current structure.	Ongoing
NACFR-7—Construct new flood/earthquake Resistant Fire Station				
In conjunction with Initiative-6 above, this Initiative would construct a new, flood and earthquake resistant Fire Station 16.				
The current Glenwood Station 16 is constructed in the 500 year flood plain, on the boundary with the 100 year flood plain. It is located just upstream from the Glenwood Bridge, where it would be quickly inundated if the bridge were to obstruct water flow. In addition, the 60s-era Station is constructed of unreinforced masonry. This initiative would help the District build a replacement Fire Station that would be optimally located for service delivery, and resistant to floods and earthquakes.				
No	Long Term	No	Refer to NACFR - 6 information.	No Progress
NACFR-8—Campaign to get neighborhoods to revise covenants and homeowners association (HOA) rules to mitigate natural hazards				
Assist HOAs in assessing and revising rules and covenants that are counterproductive to hazard mitigation. For example, many neighborhood covenants still require lawns in drought-susceptible areas, and shake roofs in urban interface locations. This initiative would develop a presentation, identify target HOAs, and schedule and deliver workshops to HOAs.				
No	Long Term	Yes	This action to be removed and is no longer feasible at available staffing levels.	Remove
NACFR-9—Support County-wide initiatives identified in Volume 1				
Yes	Long Term	No		Ongoing
NACFR-10—Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Long Term	No		Ongoing
STAR JOINT FIRE PROTECTION DISTRICT (SFD)				
SFD1—Construct a new Fire Station on the South of Boise River outside of the floodplain and dam failure inundation area.				
No	Long Term	Yes	Budget constraints	No Progress

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
SFD2 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
SFD3 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
WHITNEY FIRE PROTECTION DISTRICT (WFD)				
WFD-1 —Enforce existing wildland urban interface standards in Ada County				
Yes	Short Term	No		Ongoing
WFD-2 —Require Local Fire District Approval of Water and Access Requirements for all projects.				
Yes	Short Term	No		Ongoing
WFD-3 —Promote adoption of Firewise for development within the wildland urban interface Overlay				
Yes	Short Term	No		Ongoing
WFD-4 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
WFD-5 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
BOISE WARM SPRINGS WATER DISTRICT (BWSWD)				
BWSWD-1 —Purchase and install electrical transfer switch to support emergency generator connection. Any incident resulting in a prolonged (greater than 24 hours) electrical power outage at the BWSWD pump house during the winter season can result in patron homes freezing domestic water pipes. The installation of an electrical transfer switch with plug-ins to accommodate a portable generator can ensure continued and abundant geothermal heat is available to our patrons. Maintaining geothermal heat in patron’s homes will eliminate potential frozen and bursting pipes.				
Yes	Short Term	No	This Project is scheduled to be completed in May of 2013. Funding awarded by FEMA Region X on December 20, 2012.	Ongoing
BWSWD-2 —Install fourteen lateral line shutoff valves to isolate a lateral line break from the 12 inch main line. Any break or leak in a two inch lateral supply line off the mainline can result in the entire geothermal system being shut down due to the inability to isolate the lateral line from the main line pressure. The ability to isolate broken or leaking lateral lines will ensure the entire geothermal system does not have to be shut down during repair work.				
No	Short Term	No	The District is evaluating priorities given that Ada County Highway District is rebuilding Warm Springs Ave in 2014. There project will force BWSWD to change projected projects in the next couple of years.	Ongoing
BWSWD-3 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No	BWSWD will continue to supporting county-wide initiatives.	Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
BWSWD-4 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No	BWSWD is an active participant.	Ongoing
DRAINAGE DISTRICT #4 (DD4)				
DD4-1 —Initiate a community meeting with representatives from DD4; ACHD; HOAs and Thurman Mill Irrigation Company to discuss flooding issues in the areas of Willowdale and Pintail streets in Garden City.				
Yes	Short Term	No		Complete
DD4-2 —Assist ACHD and HOAs in identifying options for reducing repeated flooding in the areas of Willowdale and Pintail streets; to include: identifying responsible parties, identifying an engineering evaluation process, researching project funding sources, and establishing timelines for completion.				
Yes	Short Term	No		Complete
DD4-3 —Home Owner Associations and ACHD select an engineering option to mitigate recurring flooding in the Willowdale and Pintail street areas of Garden City.				
Yes	Short Term	No		Complete
DD4-4 —Provide coordination with ACHD and HOAs to ensure compliance with Chapter 29, Title 42 of the Idaho Code while performing any modifications that may impact Drainage District #4’s area of responsibility.				
Yes	Short Term	No		Ongoing
DD4-5 —Retrofit drain structure/system in the areas of Willowdale and Pintail streets in Garden City, Idaho in order to provide flooding relief for homeowners and ACHD.				
Yes	Long Term	Yes	Lack of funding changed priority to long term. FMA Grant Application has been completed and submitted.	Ongoing
DD4-6 —Complete a study of the Drainage District #4 to identify ditch capacity, restriction points, hazard areas, and District boundary.				
Yes	Long Term	No		Ongoing
DD4-7 —Support County-wide initiatives identified in Volume 1.				
Yes	Long Term	No		Ongoing
DD4-8 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Long Term	No		Ongoing
EAGLE SEWER DISTRICT (ESD)				
ESD-1 —Mace Road Lift Station Assessment and Flood Protection: Survey the Mace Road Lift Station and determine potential exposure to flooding. If survey reveals the lift station is susceptible to flooding, take measures to reduce flooding exposure such as berming or constructing dike walls.				
Yes	Short Term	No		Complete

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
ESD-2 —Lagoon Berm Evaluation and Stabilization: High flow velocities during flooding events could potentially cause erosion at the toe of the lagoon berms and, although unlikely, possibly cause structural failure. Perform hydraulic modeling of the river channel and estimate potential of erosion of the lagoon berm. If deemed necessary, the placement of rip-rap and/or other measures would be pursued to reduce lagoon dike erosion.				
Yes	Short Term	No		Ongoing
ESD-3 —Headworks Facility Decommission: A new Headworks Building has been built by the District, leaving the old headworks abandoned and unused. This structure would be removed and the surrounding small dike improved to reduce potential erosion during flooding events.				
Yes	Short Term	No		Complete
ESD-4 —Raise Portions of the Wastewater Treatment Plant Facility Access Road: Portion of the road leading to the wastewater treatment facility are below the 100-year and 500-year flood elevations. To ensure that District staff can access wastewater treatment facilities during a flooding event, low sections of access road should be raised.				
No	Short Term	No		No Progress
ESD-5 —Control Building and Outbuilding Berm Option: To protect the Operations and several outbuildings at the wastewater treatment site against possible flooding, a small berm might be constructed around the perimeter of this area.				
No	Long Term	Yes	Project has been placed on hold while other more immediate needs are addressed.	No Progress
ESD-6 —Continue the implementation, monitoring, maintenance, and updating of this Plan				
Yes	Short Term	No		Ongoing
ESD-7 —Support County-wide initiatives				
Yes	Short Term	No		Ongoing
JOINT SCHOOL DISTRICT #2 (JSD2)				
JSD2-1 —Conduct structural and nonstructural feasibility studies and retrofits of district facilities to minimize injuries and damage from flood, earthquake and severe weather.				
Yes	Long Term	No		Ongoing
JSD2-2 —Install hail guards over roof top HVAC units.				
No	Long Term	No		No Progress
JSD2-3 —Train Maintenance staff to perform visual screening for potential seismic hazards.				
Yes	Short Term	No		Ongoing
JSD2-4 —Install drainage collectors at district facilities experiencing flooding.				
Yes	Long Term	No	Installation being done as budget allows.	Ongoing
JSD2-5 —Create and maintain a hazard mitigation web page on the District’s website.				
No	Short Term	No	This action under review, may be removed at next update.	No Progress
JSD2-6 —Develop and maintain a Continuity of Operations Plan (COOP)				
Yes	Short Term	No	Monthly meetings continue to review and update processes.	Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
JSD2-7 —Partner with Ada City County Emergency Management for disaster response and preparedness including District Emergency Operations Plan and City Evacuation Plans.				
Yes	Short Term	No		Ongoing
JSD2-8 —Partner with cities and county to provide public education and awareness of potential natural disasters in Ada County.				
Yes	Long Term	No		Ongoing
JSD2-9 —Continue to support the implementation, maintenance, and updating of the Ada County Hazard Mitigation Plan.				
Yes	Short Term	No		Ongoing
JSD2-10 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
JSD2-11 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
INDEPENDENT SCHOOL DISTRICT OF BOISE (BSD)				
BSD-1 —Seismic Engineer Study of Over-Roofed/Unreinforced Structures				
Yes	Short Term	No	Completed studies on Capital HS, Lowell, Roosevelt, Monroe, North and new projects as remodels continue and completed seismic strengthening.	Ongoing
BSD-2 —Backup Power to Shelter Facilities (high school and junior high school sites)				
Yes	Long Term	No	Shelter facilities designated in conjunction with Red Cross	Ongoing
BSD-3 —Partner with ACCEM for disaster response and preparedness, including updates to the county emergency operations plan.				
Yes	Short Term	No		Ongoing
BSD-4 —Continue internal (staff) and external (student/family) hazard education programs.				
Yes	Short Term	No	Dissemination of Monthly ACCEM newsletters. Site level staff training. ICS100SC training for all site administrators. EOP training for all staff in Aug 2013	Ongoing
BSD-5 —Integrate site and district emergency operations plan documents into County-wide emergency operations plan				
Yes	Short Term	No	Currently updating site EOP's	Ongoing
BSD -6 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
BSD-7 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
GREATER BOISE AUDITORIUM DISTRICT (GBAD)				
GBAD-1—Elevate Critical Equipment From Basement				
No	Long Term	No		No Progress
GBAD-2—Flood Proof Critical Equipment In Basement				
No	Long Term	No		No Progress
GBAD-3—Secure Drop Ceiling Light Fixtures To Standard				
No	Long Term	No		No Progress
GBAD-4—Water Storage Tank				
No	Long Term	No		No Progress
GBAD-5—Support, Monitor, and Continually Update This Plan				
Yes	Short Term	No		Ongoing
GBAD-6—Support and Be Actively Involved With Ada County Plan				
Yes	Short Term	No		Ongoing
ADA COUNTY HIGHWAY DISTRICT (ACHD)				
ACHD 1—Pintail/Drake/Widgeon Flooding. Partner with DD4. Ongoing flooding problem for 10+ years. Hydrovac truck must pump during routine storms. Storm drain under capacity, two 18” pipes converge and leave as one 18”. ACHD is initiating topographic surveys to look at solutions.				
Yes	Long Term	No	Further development of project plans, applied for FMA grant.	Ongoing
ACHD 2—Dry Creek Bridge @ Floating Feather, w/o Eagle Rd Replacement. Replace structure to increase freeboard reduce restriction on Dry Creek.				
No	Long Term	No	Funding needed for design and construction.	Ongoing
ACHD 3—Meridian Culvert Replacements. Partner with City of Meridian. Ninemile Creek at: E Watertower Lane, E Franklin Road, N Meridian Rd, Ten Mile Road, W Ustick Road. Tenmile Creek at: Locust Grove Rd. Eightmile Creek at: Overland Rd. Fivemile Creek at: S Topaz Ave, S Jade Ave, S Rackham Way, S Eagle Road, S Wells Street, E Pine Street, E Badley Ave				
Yes	Long Term	No	Meridian Rd. culvert over Ninemile Creek is being replaced with MSC2.	Ongoing
ACHD 4—Snowflake & Crocus (Lakewood Sub., SE Boise). Realign storm drain from the back yards to the street, increase pipe size to reduce restriction. Ongoing problem for ACHD Drainage crews. Hydrovac truck must pump during routine storms.				
Yes	Long Term	No	Continued cleaning and root cutting of existing pipes	Ongoing
ACHD 5—Pave Dry Creek Rd., SH55/Seaman’s Gulch.				
Yes	Short Term	No		Complete
ACHD 6—Create a Stormwater Utility				
Yes	Long Term	No	Internal planning process underway.	Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
ACHD 7 —Remove sediment from all public street stormwater ponds (approx. 600)				
Yes	Long Term	No	Ongoing cleaning of ACHD stormwater ponds.	Ongoing
ACHD 8 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
ACHD 9 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing
FLOOD CONTROL DISTRICT #10 (FCD-10)				
FCD-10#1 —Repair bank erosion, various sites, District-wide				
Yes	Short Term	No		Ongoing
FCD-10 #2 —Irrigation Diversion Headgate Flood Mitigation				
Yes	Short Term	No		Ongoing
FCD-10 #3 —Remove accumulated sediment from Boise River and Dry Creek channels				
Yes	Short Term	No		Ongoing
FCD-10 #4 —Develop long-term plan to manage Boise River split at the head of Eagle Island				
Yes	Long Term	No		Ongoing
FCD-10 #5 —Develop short-term plan to manage Dry Creek flow along Brookwood neighborhood				
No	Short Term	No		No Progress
FCD-10 #6 —Update FEMA mapping within the District				
Yes	Short Term	No		Ongoing
FCD-10 #7 —Develop floodplain mitigation techniques to apply to various depleted/inactive gravel pits occurring within the District				
Yes	Long Term	No	Initial test of plan conducted during 2012 high water event.	Ongoing
FCD-10 #8 —Description: Remove naturally occurring vegetation blockages in the stream channels				
Yes	Short Term	No	Operating on current USACE permit through 2017.	Ongoing
FCD-10 #9 —Support County-wide initiatives identified in Volume 1.				
Yes	Short Term	No		Ongoing
FCD-10 #10 —Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Volume 1.				
Yes	Short Term	No		Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
COUNTY-WIDE INITIATIVES (CW)				
CW-1 —Sponsor and maintain a natural-hazard informational website to include the following types of information: <ul style="list-style-type: none"> • Hazard-specific information such as warning, private property mitigation alternatives, important facts on risk and vulnerability • Pre- and post-disaster information such as notices of grant funding availability • CRS creditable information • Links to planning partners’ pages, FEMA and Idaho Bureau of Homeland Security • Natural hazard mitigation plan information such as progress reports, mitigation success stories, update strategies, Steering Committee meetings. 				
Yes	Short Term	No	Plan review in progress. Documentation provided to CRS communities to assist with annual reports. Web links to partners maintained.	Ongoing
CW-2 —The Steering Committee will remain as a viable body over time to monitor progress of the plan, provide technical assistance to planning partners and oversee the update of the plan according to schedule. This body will continue to operate under the ground rules established at its inception.				
Yes	Short Term	No	Staff changes will change the membership from time to time, but the Committee itself will remain viable.	Ongoing
CW-3 —All planning partners that committed to the update effort will formally adopt this plan when pre-adoption approval has been granted by IBHS and FEMA Region X. Each planning partner will adhere to the plan maintenance protocol identified in this plan. All actions under this initiative will be coordinated by ACCEM				
Yes	Short Term	No		Complete
CW-4 —Continue to implement ongoing public outreach programs administered by ACCEM. Seek opportunities to promote the mitigation of natural hazards within the planning area, utilizing information contained within this plan.				
Yes	Short Term	No		Ongoing
CW-5 —Seek the use of the best available data, science and technology to update the risk assessment to this plan as that data, science, technology and funding resources become available.				
Yes	Long Term	No	Currently working toward improved fire mapping in the WUI.	Ongoing
CW-6 —Continue to support and coordinate with the Idaho Silver Jackets program.				
Yes	Short Term	No		Ongoing
CW-7 — Provide technical support and coordination for available grant funding opportunities to the planning partnership				
Yes	Short Term	No		Ongoing
CW-8 —Participate as a cooperating partners with FEMA and other stakeholders in FEMA’s RiskMAP initiative				
Yes	Short Term	No	Provided all risk-related data created by the development of this plan to federal partners.	Complete
CW-9 — Leverage public outreach partnering capabilities (such as CERT) within the planning area to promote a uniform and consistent message on the importance of proactive hazard mitigation.				
Yes	Short Term	No		Ongoing

**TABLE PR-2.
ACTION PLAN MATRIX**

Action Taken?	Time Line	Priority Changed?	Comment (Describe progress or changed priority)	Status
CW-10 — Coordinate mitigation planning and project efforts within the planning area to leverage all resources available to the planning partnership.				
Yes	Short Term	No	Continue to support planning partners as needed.	Ongoing
CW-11 — Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with repetitive and severe repetitive loss properties as a priority. Seek opportunities to leverage partnerships within the planning area in these pursuits.				
No	Long Term	No		No Progress
CW-12 — Utilize information contained within the Ada County Hazard Mitigation Plan to support updates to other emergency management plans in effect within the planning area.				
Yes	Short Term	No		Ongoing
CW-13 —Using the most current HAZUS model and other data available, examine exposure and level of risk to the known hazards of concern for first responder facilities and identified potential sheltering sites.				
No	Long Term	No		No Progress
CW-14 — Based on identified risks, relocate or structurally harden first responder facilities as needed. Relocation may not be an option based on response requirements of the organization.				
Yes	Long Term	No	Study of NACFR station #16 completed. Station cannot be relocated. Funding to harden the structure not currently available.	No Progress
CW-15 — Using the most current HAZUS model and other data available, categorize potential sheltering sites from lowest to highest exposure to the known hazards of concern. Identify partners that own the sheltering sites and encourage building enhancements at those sites that would allow for operations during a major disaster event.				
No	Long Term	No		No Progress

Changes within the Planning area that may impact implementation of the plan

During the reporting period, there were no significant changes within the planning area that would have a profound impact on the implementation of the plan. All technical, regulatory and financial capabilities identified by the Planning Partnership during the plan's development remain consistently in place throughout the planning area.

Recommendations for Changes or Enhancements: Based on the review of this report by the Hazard Mitigation Plan Steering Committee, the following recommendations will be noted for future updates or revisions to the plan:

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

Public review notice: *The contents of this report are considered to be public knowledge and have been prepared for total public disclosure. Copies of the report have been provided to the governing bodies of all planning partners, the local media outlets, and posted on the Ada County -Hazard Mitigation Plan website. Any questions or comments regarding the contents of this report should be directed to:*

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