

Ada County Hazard Mitigation Plan Annual Progress Report

Reporting Period: January 2013 to January 2014

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:

<https://adacounty.id.gov/accem/Mitigation>

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 covers the second 1-year reporting period for the plan. As of this reporting period, the performance period for this plan is considered to be **8%** complete. The ACHMP has targeted 227 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:

- **170 out of 227 initiatives (74 %) reported on-going action towards completion.**
- **20 out of 227 initiatives (8 %) were reported as being complete as of this reporting period.**
- **35 out of 227 initiatives (15 %) reported no action taken as of this reporting period**
- **3 of the initiatives were removed from the 2013 update.**
- **2 initiatives are scheduled to be removed in this update.**

These figures are the summation of the 2013-2014 report.

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 11/12/2014. 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

| 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 |
| Mike Dimmick | 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 |
| JoAnn Gilpin | Interim Asst. Director, Security | Boise State University (alternate) |
| Dave Miles | Surface Water Administrator | City of Meridian |
| a. Steering Committee Chairperson | | b. Steering Committee Vice Chairperson |

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.

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.

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 ACHMP.

Mitigation Success Stories

- 1) Boise Project Board of Control is researching some new membrane products as a cost effective alternative to tiling the canals in the urban interface.
- 2) A grant was obtained to fund the long term solution to the bank stabilization project on the river's edge near the Wood Duck Island sub-division. Construction will begin in January of 2015.
- 3) Ada County is developing a Comprehensive Plan and will integrate elements of the Mitigation Plan into the planning process.
- 4) City of Boise approved an updated Flood Plain Ordinance in November of 2013 that will help reduce risk in the city.
- 5) City of Boise has coordinated several neighborhood chipper projects in multiple areas of the city to assist with removal of private property vegetation. It is anticipated this will continue in the future. Also two Firewise demonstration gardens have been constructed at Boise Fire Stations to support Firewise landscape design.
- 6) The Boise Fire Department is one of eighteen nationally designated hub organizations in the Fire Adapted Communities Learning Network (FACLN). As a hub organization they partner with state and local partners to promote FAC concepts, encourage communities to become Firewise, spread the Ready, Set, Go! message, engage in other public outreach and media messaging, work with the local business community and policy makers to reduce wildfire impacts, manage multiple wildfire mitigation projects, and help build local capacity for integrated wildfire mitigation through various measures.
- 7) Garden City has completed a 5 year water/sewer replacement plan.
- 8) City of Kuna has formally adopted the 2012 International Residential Building Code.
- 9) City of Meridian has begun vulnerability assessment of Supervisory Control and Data Acquisition equipment to include weather and flood elements.
- 10) City of Meridian is conducting feasibility analysis for participation in the Community Rating System (CRS).
- 11) City of Meridian has updated and adopted a Flood Damage and Prevention Ordinance.
- 12) Boise Warm Springs Water District completed close out on its electrical transfer switch project.

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 | No | Brief cost analysis conducted. Current budgetary 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 | New York Canal is examining a new membrane type that would be cost-effective. | Ongoing |
| 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 | Funding not 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 |

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| 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 | This initiative to be removed. The sirens reached end of life and have been taken down. Community now uses the integrated IPAWS communications architecture for public alert and warning. | Remove |
| AC015 —Maintain emergency alert phone system to notify residents of evacuations orders and procedures during a natural hazard event. | | | | |
| Yes | Short Term | No | County has recently updated its system. | 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 2014 and construction in January 2015 | Ongoing |

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| 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. CRS rating improved , to Level 6. | Ongoing |
| AC021 —Integrate Local Hazard Mitigation Plan into the Ada County Comprehensive Plan. | | | | |
| No | Long Term | No | Ada County Comprehensive Plan is being developed for 2015. | Ongoing |
| 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 | Early stages of property identification have begun. | Ongoing |
| 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 | Phase 1 of the work was completed in May 2013. Phase 2 is under construction and is anticipated to be complete in May 2015+. | 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 | Some elements will be constructed in conjunction with the park this winter. Remaining elements that will provide the most benefit have not yet been funded. | 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 | Applied for a Western States Regional Grant to fund wildfire hazard mapping. Notification of selection is November of 2014 with awards in early 2015. | Ongoing |

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| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|--|------------|-------------------|---|-------------|
| 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 | Boise has coordinated several neighborhood chipper projects in multiple areas of the city to assist with removal of private property vegetation. It is anticipated this will continue in the future. Also two Firewise demonstration gardens have been constructed at Boise Fire Stations to support Firewise landscape design. | 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 |
| 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 | Flood plain ordinance approved by City Council in November of 2013. | Complete |
| 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 | No | | No Progress |
| B-11—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 |
| 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 | Flood plain ordinance approved by City Council in November of 2013, reviewing updates to the Boise City Wildland Urban Interface Code. | 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 |

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| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|--|------------|-------------------|---|-------------|
| 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 | Long Term | Yes | Monitoring station installation funding may be available but no funding has been identified to pay for annual maintenance costs. This project has been changed to a long term project as solutions for the annual costs are researched. | 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. | | | | |
| Yes | Long Term | No | Initial meetings between city and ACHD have begun. Designs being finalized. | Ongoing |
| 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 | Integration process is progressing. | 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 |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|--|------------|-------------------|--|-------------|
| 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 | No | Timeline has changed based on staff availability to complete project by 2016. | Ongoing |
| GC3—Develop/update a Capital Improvement Plan for capital facilities/infrastructure within the City. | | | | |
| Yes | Long Term | No | A 5-year water/sewer replacement plan in place. | 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 | All wells have surveillance systems installed. Booster station is only remaining site and we should have this taken care by the end of this fiscal year. | Ongoing |
| GC6—Garden City Parks security camera installation | | | | |
| No | Long Term | No | Funding will be available February 2015 for installation of new camera system at Riverfront Park (Boys & Girls Club). | Ongoing |
| GC7—Streetlight replacement/conversion to alternative energy streetlights | | | | |
| Yes | Short Term | No | The conversion is not cost effective at this time. | No Progress |
| 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 | No | 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 | A portable generator was purchased last year that is capable of running all liftstations as well as two of our smaller domestic wells. | 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 |

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| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|--|------------|-------------------|---|-------------|
| 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. | | | | |
| 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 | | | | |
| Yes | Long Term | No | Adopted 2012 International Residential Building Code. | Complete |
| K2—Develop and maintain an inventory of City Critical facilities and infrastructure | | | | |
| Yes | Long Term | No | Task to develop database has begun. | Ongoing |
| 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. | | | | |
| Yes | Long Term | No | Adopted 2012 International Residential Building Code. | Ongoing |
| K8—Support County-wide initiatives identified in Volume 1. | | | | |
| Yes | Short Term | No | | Ongoing |

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|--|------------|-------------------|---|-------------|
| 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. | | | | |
| Yes | Long Term | No | Vulnerability assessment is being conducted on SCADA systems. Will include weather/flood elements. | Ongoing |
| M-2 —Become a “Firewise Community” | | | | |
| No | Long Term | No | Due to lack of time and resources the priority has changed to long term | No Progress |
| M-3 —Maintain compliance and good standing in the National Flood Insurance Program | | | | |
| Yes | Long Term | No | Standing in NFIP is being maintained | Ongoing |
| M-4 —Apply for participation in the Community Rating System (CRS) and Maintain Standing in CRS | | | | |
| Yes | Short Term | No | CRS Program analysis is being conducted for feasibility. | Ongoing |
| M-5 —Consider the creation of a surface water utility including fee collection. | | | | |
| Yes | Long Term | Yes | Feasibility study ongoing to determine whether or not irrigation district is feasible for City and whether a utility fee should be part of that district. No action on Stormwater Utility Fee analysis as City is not MS4 City.□ | 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 | No | 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 | Design of project complete. Construction is funded and contract awarded as of June 2014.□ | Ongoing |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|--|------------|-------------------|---|-------------|
| M-9 —Perform a vulnerability assessment on the Ridenbaugh and New York Canal system in the Meridian Area of Impact. | | | | |
| No | Long Term | Yes | Due to lack of resources priority has changed to long term. | 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 action taken. | 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 | Short Term | Yes | Flood Damage Prevention Ordinance has been updated and adopted. <input type="checkbox"/> | Complete |
| 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 action taken. | No Progress |
| M-14 —Support County-wide initiatives identified in Volume 1. | | | | |
| No | Short Term | No | Plan adopted, reveiws 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 | Star will coordinate with Ada County in its upcoming property identification mapping efforts. | Ongoing |
| S-5 —Support County-wide initiatives identified 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 |
|--|------------|-------------------|--|----------|
| 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 |
| 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 |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|---|------------|-------------------|---|-------------|
| 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 | No | 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 |
| 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 | No | Traffic flow and road plan issues currently inhibit progress. | No Progress |
| | | | | |
| 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 |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|---|------------|-------------------|---|-------------|
| 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 |
| 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 | Coordinated multi-jurisdictional effort taking place to identify options. | Ongoing |
| 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 | Lack of funding may change this to a long term initiative. | No Progress |
| KFD13 —Identify & obtain necessary emergency response training and equipment for water/flood related response and rescue. | | | | |
| Yes | Short Term | No | | Ongoing |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|---|------------|-------------------|---|----------|
| 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 | | 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 |
| 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 |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|---|------------|-------------------|---|-------------|
| 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. Ada County Emergency Management has also completed CERT Training for the Community. | Complete |
| 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-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 |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|---|------------|-------------------|---|-------------|
| 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 | No | Budget constraints | No Progress |
| 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 plugs 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 completed with final close out finished in October of 2013. | Complete |
| 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. Their project will force BWSWD to change projected projects in the next couple of years. | Ongoing |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|--|------------|-------------------|---|----------|
| BWSWD-3 —Support County-wide initiatives identified in Volume 1. | | | | |
| Yes | Short Term | No | BWSWD will continue to supporting county-wide initiatives. | Ongoing |
| 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 | No | Project plans complete, project is on hold until funding is available. FEMA grant application was unsuccessful. | 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 | No | New facility plan is currently being developed. This and other options will be reviewed during this process. | Ongoing |
| 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. | | | | |
| Yes | Long Term | No | | Ongoing |
| 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 is to be removed. | Remove |
| 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 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 ACEM 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 ACEM newsletters. Site level staff training. ICS100 SC 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 | County EOP is being enhanced with Standard Operating Procedures. Integration will be based on final version of plan. | 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 | Project plans complete, project is on hold until funding is available. FEMA grant application was unsuccessful. | 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 has been replaced with MSC2, remaining portions of this initiative will be completed as funding is available. | 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 |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|---|------------|-------------------|---|-------------|
| ACHD 6—Create a Stormwater Utility | | | | |
| Yes | Long Term | No | Internal planning process underway. | Ongoing |
| 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 | New flood modeling of this portion of the river will be completed by Summer 2015. | 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 |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|---|------------|-------------------|---|----------|
| 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 |
| 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 ACEM | | | | |
| Yes | Short Term | No | | Complete |
| CW-4 —Continue to implement ongoing public outreach programs administered by ACEM. 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 |

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

| Action Taken? | Time Line | Priority Changed? | Comment (Describe progress or changed priority) | Status |
|--|------------|-------------------|---|-------------|
| 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 |
| 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. | | | | |
| Yes | Long Term | No | Properties located within floodway are being evaluated for viable open space use if purchased. | Ongoing |
| 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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