199 NORTH MAIN LOGAN, UTAH 84321 TEL: 435-755-1850 FAX: 435-755-1981



COUNTY COUNCIL

KATHY ROBISON, COUNCIL CHAIR GREG MERRILL, COUNCIL VICE CHAIR DAVID L. ERICKSON VAL K. POTTER JON WHITE CORY YEATES GORDON A. ZILLES

October 9, 2015

<u>PUBLIC NOTICE</u> is hereby given that the Cache County Council of Cache County, Utah will hold a <u>REGULAR MEETING</u> in the Cache County Historic Courthouse, County Council Chambers, 199 North Main, Logan, Utah 84321 at **500 p.m.** on <u>TUESDAY, OCTOBER 13,2015</u>

AGENDA

5:00 p.m. 1. CALL TO ORDER

- 2. **OPENING / PLEDGE Greg Merrill**
- 3. REVIEW AND APPROVAL OF AGENDA
- 4. **REVIEW AND APPROVAL OF MINUTES** (September 22, 2015)
- 5. REPORT OF COUNTY EXECUTIVE
 - a. Appointments
 - b. Warrants
 - c. Other Items
- 6. CONSENT AGENDA
- ITEMS OF SPECIAL INTEREST

 a. Presentation of Cache County Council of Governments (CCCOG) Recommendations Mayor Dustin
- 8. UNIT OR COMMITTEE REPORTS
 - a. Treasurer's Office Craig McAllister
- 9. BUDGETARY MATTERS
- 10. PUBLIC HEARINGS, APPEALS AND BOARD OF EQUALIZATION MATTERS
 - a. Board of Equalization
 - 1. Approve Recommendations of Hearing Officers for the Board of Equalization BOE and Greenbelt Appeals
 - b. Set Public Hearing for October 27, 2015 at 6:00 p.m. Open 2015 Budget
- 6:00 p.m.* c. Public Hearing *Resolution 2015-23* A Resolution Providing for the Issuance of Fast Forward Charter High School Revenue Refunding Bonds
 - 11. PENDING ACTION

12. INITIAL PROPOSALS FOR CONSIDERATION OF ACTION

- a. Ordinance 2015-12 Amendments to Title 15.12 Public Land Corner Preservation Fund
- b. Resolution 2015-23 Resolution for Fast Forward Charter High School Bond Issuance
- c. Resolution 2015-24- Adopt Updated Pre-Disaster Mitigation Plan for Bear River Region
- d. Resolution 2015-25 Declaring Surplus Property
- e. Property Tax Relief Requests
- f. Discussion Rural Public Lands County Council (RPLCC)
- g. Discussion Proposed 2016 Budget and Tax Increase
- h. Discussion Development Services Fee Structure
- i. 2016 County Council Meeting Schedule and County Offices Holiday Schedule

13. OTHER BUSINESS

- a. UAC Annual Convention November 11-13, 2015, St. George *Craig, Kathy, Val, Gordon, Cory, Greg, Dave*
- b. Mayor's Association Dinner with Lieutenant Governor Spencer Cox November 19, 2015 *Craig*
- 14. COUNCIL MEMBER REPORTS
- 15. ADJOURNMENT

Kathy Robison

*Citizens desiring to be heard at a public hearing are encouraged to submit their messages in writing prior to or during the hearing

In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify Janeen Allen at 755-1850 at least three working days prior to the meeting

ORDINANCE NO. 2015-12

CACHE COUNTY, UTAH

AMENDMENTS TO TITLE 15.12

AN ORDINANCE AMENDING AND SUPERSEDING CHAPTER 12 OF TITLE 15 OF THE CACHE COUNTY ORDINANCE REGARDING THE PUBLIC LAND CORNER PRESERVATION FUND

WHEREAS, the State of Utah allows Cache County to enact a Public Land Corner Preservation Fund in Utah Code 17-23-19, and;

WHEREAS, the purpose of this ordinance is to allocate funding to maintain existing and locate new section corners, and;

WHEREAS, it is in the interest of the public to maintain clear and accurate records of land ownership including section corners that enable land records to be accurately tied to the ground, and;

WHEREAS, the County Council caused notice of the amendments to Title 15 of the Cache County Ordinance to be advertised in *The Herald Journal*, a newspaper of general circulation in Cache County, and;

WHEREAS, the Cache County Council has determined that it is both necessary and appropriate for the County to amend and implement these ordinances.

NOW, THEREFORE, BE IT ORDAINED by the County Legislative Body of Cache County that Chapter 12 of Title 15 of the Cache County Ordinance is hereby amended and superseded as follows:

1. STATUTORY AUTHORITY

The statutory authority for enacting this ordinance is Utah Code Annotated §17-23-19 (1953, as amended).

2. PURPOSE OF PROVISIONS

The purpose of this ordinance is to amend and supersede Chapter 12 of Title 15 of the Cache County Ordinance regarding a Public Land Corner Preservation Fund to maintain existing and establish new section corners throughout the County.

3. FINDINGS

- A. The amendments to Title 15.12 of the Cache County Ordinance are in conformity with the Utah Code Annotated §17-23-19 (1953, as amended).
- B. The amendments to Title 15.12 of the Cache County Ordinance are necessary to maintain existing and locate new section corners.
- C. It is in the interest of the public and the citizens of Cache County that the proposed amendments to Title 15.12 of the Cache County Ordinance be approved.

4. EXHIBITS

Title 15 Chapter 12 of the Cache County Ordinance is amended as follows:

15.12.010 – Public Land Corner Preservation Fund

A. Pursuant to the provisions of Utah Code Annotated Section 17-23-19,
 Public Land Corner Preservation Fund is established. Moneys generated for the fund

ORDINANCE NO. 2015-12

CACHE COUNTY, UTAH

AMENDMENTS TO TITLE 15.12

shall be used only to pay expenses incurred in the establishment, reestablishment, and maintenance of corners of government surveys pursuant to the powers and duties provided under Title 17, Chapter 23, and Title 57, Chapter 10, of the Utah Code Ann. 1953.

B. The county shall establish a fee schedule, adopted by resolution, for filing maps, records of survey, road dedication plats, and other property plats in the Development Services Office. All moneys collected from these identified fees shall be used to for the Public Land Corner Preservation Fund.

5. PRIOR ORDINANCES, RESOLUTIONS, POLICIES AND ACTIONS SUPERSEDED.

This ordinance amends and supersedes Chapter 12 of Title 15 of the Cache County Ordinance, and all prior ordinances, resolutions, policies, and actions of the Cache County Council to the extent that the provisions of such prior ordinances, resolutions, policies, or actions are in conflict with this ordinance. In all other respects, such prior ordinances, resolutions, policies, and actions shall remain in full force and effect.

6. EFFECTIVE DATE.

This ordinance takes effect on October 28th, 2015. Following its passage but prior to the effective date, a copy of the ordinance shall be deposited with the County Clerk and a short summary of the ordinance shall be published in a newspaper of general circulation within the County as required by law.

	In Favor	Against	Abstained	Absent
Potter				
Erickson				
White				
Merrill				
Robison				
Yeates				
Zilles				
Total				

APPROVED AND ADOPTED this 13th day of October, 2015.

CACHE COUNTY COUNCIL:

ATTEST:

Kathy Robison, Chair Cache County Council Jill Zollinger Cache County Clerk

Publication Date:

, 2015

CACHE COUNTY RESOLUTION NO. 2015-23

A RESOLUTION PROVIDING FOR THE ISSUANCE BY CACHE COUNTY, UTAH (THE "ISSUER") OF ITS NOT EXCEED \$2,900,000 CHARTER SCHOOL REVENUE TO REFUNDING BONDS (FAST FORWARD HIGH SCHOOL) SERIES 2015 IN ONE OR MORE SERIES IN ORDER TO REFINANACE PRIOR BONDS ISSUED BY THE UTAH STATE CHARTER SCHOOL FINANCE AUTHORITY (FAST FORWARD HIGH SCHOOL) SERIES 2007 (THE "SERIES 2007 BONDS") FOR FAST FORWARD OF UTAH, INC. DBA FAST FORWARD SCHOOL CHARTER HIGH (THE "BORROWER"): AUTHORIZING THE EXECUTION AND DELIVERY BY THE ISSUER OF A SERIES 2015 INDENTURE. A LOAN AGREEMENT, A BOND PURCHASE AGREEMENT AND DOCUMENTS OTHER REQUIRED IN **CONNECTION** THEREWITH: AUTHORIZING THE TAKING OF ALL OTHER ACTIONS NECESSARY TO THE CONSUMMATION OF THE TRANSACTIONS CONTEMPLATED BY THIS RESOLUTION; AND RELATED MATTERS.

WHEREAS, pursuant to the Utah Industrial Facilities and Development Act, Title 11, Chapter 17, Utah Code Annotated 1953, as amended (the "Act"), Cache County, Utah (the "Issuer") is authorized to issue its revenue refunding bonds to finance the costs of any "project" as defined in the Act to the end that the Issuer may be able to promote the general health and welfare within the State of Utah; and

WHEREAS, there has been presented to the Council a request from Fast Forward of Utah, Inc., a Utah nonprofit corporation dba Fast Forward Charter High School (the "Borrower") that operates a public charter school located at 875 West 1400 North, Logan, Cache County, Utah, that the Council issue its charter school revenue refunding bonds to allow Borrower to refinance prior bonds issued by the Utah State Charter School Finance Authority (Fast Forward High School) Series 2007 (the "Series 2007 Bonds"); and

WHEREAS, the Borrower has requested that the Cache County Council (the "Council") authorize the issuance and sale by the Issuer of its Charter School Revenue Refunding Bonds (Fast Forward Charter High School) Series 2015 (the "Series 2015 Bonds") in one or more series to assist the Borrower in refinancing the Series 2007 Bonds (the "Project"); and

WHEREAS, the County has the authority to designate the Series 2015 Bonds as an issue that qualifies for the exception for certain qualified tax-exempt obligations to the rule denying banks and other financing institutions 100% of the deduction for interest expenses which is allocable to tax-exempt interest; and

WHEREAS, the Project is of a character and will accomplish the purposes provided by the Act, and the Issuer is willing to issue the Series 2015 Bonds to refinance the Series 2007 Bonds and to loan the proceeds thereof to the Borrower in accordance with the terms of a loan agreement (the "Loan Agreement") to be entered into between the Issuer and the Borrower in substantially the form presented at this meeting; and WHEREAS, the Series 2015 Bonds will be issued pursuant to an indenture (the "Indenture") to be entered into between the Issuer and the trustee; and

WHEREAS, pursuant to the provisions of the Loan Agreement, the Borrower will promise to pay amounts sufficient to pay when due the principal of, premium, if any, and interest on the Series 2015 Bonds, all in accordance with the requirements of the Act; and

WHEREAS, the Council deems it necessary and advisable to authorize the issuance and sale of the Series 2015 Bonds and to authorize the execution and delivery of the Series 2015 Indenture, the Loan Agreement, a bond purchase agreement between the Issuer and Cache Valley Bank (the "Bond Purchase Agreement") in substantially the form presented at this meeting which provides for the sale of the Series 2015 Bonds, and other related documents required for the sale of the Series 2015 Bonds; and

WHEREAS, after published notice, a public hearing was held on the date hereof at which any interested party had an opportunity to comment upon the proposed issuance of the Series 2015 Bonds or any other matter relating to the Project and the addition to the Project; and

WHEREAS, on September 22, 2015 the Issuer adopted a resolution authorizing the issuance of the Series 2015 Bonds within certain parameters set forth therein; and

WHEREAS, the Act and the documents to be signed by the Issuer provide that the Series 2015 Bonds shall not constitute nor give rise to a general obligation or liability of the Issuer or be a charge against its general credit or taxing powers and that the Series 2015 Bonds will be payable from and secured by the revenues arising from the pledge and assignment under the Indenture of the Loan Agreement to the Trustee.

NOW, THEREFORE, BE IT RESOLVED by the County Council of Cache County, Utah as follows:

<u>Section 1</u>. All terms defined in the recitals hereto shall have the same meaning when used herein.

<u>Section 2</u>. The Issuer is authorized to issue the Series 2015 Bonds for the purpose of lending the proceeds thereof to the Borrower to accomplish the Project, all pursuant to the provisions of the Act. All action heretofore taken by the officers of the Issuer directed toward the issuance of the Series 2015 Bonds is hereby ratified, approved and confirmed.

Section 3. The Issuer is authorized and directed to issue the Series 2015 Bonds as fully registered bonds, in the aggregate principal amount of not to exceed \$2,900,000. The Series 2015 Bonds shall bear interest at a weighted average rate of not to exceed ____% per annum, shall be payable on the dates, shall be subject to redemption prior to maturity, and shall mature on or before_____, all as set forth in the Indenture.

The form, terms and provisions of the Series 2015 Bonds and the provisions for the signatures, authentication, payment, registration, transfer, exchange, redemption, tender and number shall be as set forth in the Indenture. Any Council Member and the County Clerk/Auditor are hereby authorized and directed to execute and seal the Series 2015 Bonds and to deliver said Series 2015 Bonds to the Trustee for authentication. The signatures of any Council Member and County Clerk/Auditor may be by facsimile or manual execution.

Section 4. The Series 2015 Bonds are to be issued in accordance with and pursuant to, and the Issuer is authorized and directed to execute and deliver, the Series 2015 Indenture, the Loan Agreement and the Bond Purchase Agreement, in substantially the same forms presented to the Board at the meeting at which this resolution was adopted. The Indenture provides for the issuance of the Series 2015 Bonds solely for the purposes of (i) refunding the Series 2007 Bonds; (ii) funding a Bond Reserve Fund as necessary; and (iii) paying certain issuance expenses. The Series 2015 Bonds shall not constitute nor give rise to a general obligation or liability of the Issuer or a charge against its general credit or taxing powers. Recourse on the Series 2015 Bonds executed and delivered by the Issuer pursuant to the Indenture may be had only against the security for the Series 2015 Bonds as provided therein and in the Indenture.

Section 5. The Series 2015 Indenture and Loan Agreement, in substantially the forms presented to the Board at this meeting, with such changes as are authorized by Section 7 hereof, are hereby approved in all respects, and any Council Member and the County Clerk/Auditor are hereby authorized to execute each of the same on behalf of the Issuer and to affix the seal of the Issuer thereto and the acts of any Council Member and the County Clerk/Auditor in so doing are and shall be the act and deed of the Issuer. Any Council Member and the County Clerk/Auditor and all other proper officers and employees of the Issuer are hereby authorized and directed to take all steps on behalf of the Issuer to perform and discharge the obligations of the Issuer under each of said instruments.

<u>Section 6</u>. The sale of the Series 2015 Bonds in accordance with the Bond Purchase Agreement are hereby authorized, approved and confirmed. Any Council member and the County Clerk/Auditor are hereby authorized to execute and deliver the Bond Purchase Agreement for and on behalf of the Issuer.

<u>Section 7</u>. The Council is hereby authorized to make, either prior or subsequent to the execution thereof, any alterations, changes or additions in the Series 2015 Indenture, the Loan Agreement, the Bond Purchase Agreement and the Series 2015 Bonds herein authorized which may be necessary to correct any errors or omissions therein, to remove ambiguities therefrom, to conform the same to other provisions of said instruments, to the agreement of the Borrower, to the provisions of this resolution, or any other resolution adopted by the Issuer, or the provisions of the laws of the State of Utah or the United States as long as the rights of the Issuer are not materially adversely affected thereby.

Section 8. Pursuant to Section 11-17-13, Utah Code Annotated 1953, as amended, the Issuer includes herein the pledge and undertaking of the State of Utah that the State of Utah will not alter, impair or limit the rights vested hereunder or in the Series 2015 Bonds, the Loan Agreement, the Indenture or any of the documents contemplated hereby until the Series 2015 Bonds, together with all interest thereon, have been fully paid and discharged and all obligations of the Issuer thereunder and under the Loan Agreement are fully performed.

Section 9. It is hereby declared that all parts of this resolution are severable and that if any section, paragraph, clause or provision of this resolution shall, for any reason be held to be invalid or unenforceable, the invalidity or unenforceability of any such section, paragraph, clause or provision shall not affect the remaining provisions of this resolution.

Section 10. Any Council member, the County Clerk/Auditor and other officers of the Issuer are hereby authorized to execute all documents and take such action as they may deem necessary or advisable in order to carry out and perform the purpose of this resolution and the execution or taking of such action shall be conclusive evidence of such necessity or advisability.

All action heretofore taken by the Issuer, its officers and employees, with respect to the issuance and sale of the Series 2015 Bonds is hereby ratified and confirmed.

Section 11. All resolutions, orders and regulations or parts thereof heretofore adopted or passed which are in conflict herewith are, to the extent of such conflict, hereby repealed. This repeal shall not be construed so as to revive any resolution, order, regulation or part thereof heretofore repealed.

Section 12. This Resolution shall take effect immediately upon its approval and adoption.

APPROVED AND ADOPTED this October 13, 2015 by the following vote.

	In Favor	Against	Abstained	Absent
David L. Erickson				
Val K. Potter				
Greg Merrill				
Kathy Robison				
Jon White				
Cory Yeates				
Gordon A. Zilles				
Total				

(SEAL)

By:_

Kathy Robison, Chair

ATTEST:

Jill N. Zollinger, County Clerk / Auditor

(Here follows business not pertinent to the above.)

Pursuant to motion duly made and seconded, the Council adjourned.

[SEAL]

ATTEST:

Kathy Robison, Council Chair

Jill Zollinger, County Clerk/Auditor

STATE OF UTAH) : ss. COUNTY OF UTAH)

I, Jill N. Zollinger, the duly qualified and acting County Clerk/Auditor of Cache County, Utah (the "Issuer"), do hereby certify according to the records of the County Council of Cache County, Utah (the "Council") in my possession, that the foregoing constitutes a true, correct and complete copy of a Resolution adopted by the Board at a meeting held on October 13, 2015.

IN WITNESS WHEREOF, I have hereunto subscribed my signature and impressed hereon the official seal of the County Clerk/Auditor this 13th day of October, 2015.

County Clerk/Auditor

EXHIBIT A

CERTIFICATE OF COMPLIANCE WITH OPEN MEETING LAW

I, Janeen Allen, the undersigned Executive Secretary of Cache County, Utah (the "Issuer") do hereby certify, according to the records of the Issuer in my official possession, and upon my own knowledge and belief, that in accordance with the requirements of Section 52-4-202, Utah Code Annotated, 1953, as amended, I gave not less than twenty-four (24) hours public notice of the agenda, date, time and place of the October 13, 2015 public meeting held by the Cache County Council as follows:

(a) By causing a Notice, in the form attached hereto as <u>Schedule 1</u>, to be posted at the County's principal offices, at least twenty-four (24) hours prior to the convening of the meeting, said Notice having continuously remained so posted and available for public inspection until the completion of the meeting;

(b) By causing a copy of such Notice, in the form attached hereto as <u>Schedule 1</u>, to be delivered to at least one newspaper of general circulation within the geographic jurisdiction of the Issuer, at least twenty-four (24) hours prior to the convening of the meeting; and

(c) By causing a copy of such Notice to be posted on the Utah Public Notice Website (<u>http://pmn.utah.gov</u>) at least twenty-four (24) hours prior to the convening of the meeting.

In addition, the 2015 Notice of Annual Meeting Schedule for the Board of County Commissioners, in the form attached hereto as <u>Schedule 2</u>, was given specifying the date, time and place of the regular meetings of said Commission to be held during the year, by causing said Notice to be (i) posted on October 14, 2014 at the principal office of the Commission, (ii) provided to at least one newspaper of general circulation within the County on October 14, 2014 and (iii) published on the Utah Public Notice Website (<u>http://pmn.utah.gov</u>) during the current calendar year.

IN WITNESS WHEREOF, I have hereunto subscribed my official signature this October 13, 2015.



ancen allen Janeen Allen

Executive Secretary



To:	Cache County Council
From:	Chris Harrild, Senior Planner, Development Services,
Subject:	Development Services agenda items for October 13, 2015

INITIAL CONSIDERATION

1. Resolution 2015-24: Pre-Disaster Mitigation Plan Update - A resolution to adopt the updated mitigation plan for the Bear River Region that identifies natural hazard areas, estimates potential losses to life and property, documents potential hazard mitigation projects, and makes Cache County eligible for certain federal pre- and post-natural disaster funding.

RESOLUTION NO. 2015-24

CACHE COUNTY, UTAH

PRE-DISASTER MITIGATION PLAN UPDATE

THE ADOPTION OF THE UPDATED PRE-DISASTER MITIGATION PLAN: BEAR RIVER REGION TO ADDRESS AND PLAN FOR ANTICIPATED THREATS TO PEOPLE AND PROPERTY DUE TO NATURAL HAZARDS AS REQUIRED BY THE FEDERAL DISASTER MITIGATION AND COST REDUCTION ACT OF 2000

WHEREAS, Cache County recognizes the threat that natural hazards pose to people and property within Cache County, and;

WHEREAS, Cache County has participated in the creation of a multi-hazard mitigation plan, hereby known as the 2015 Pre-Disaster Mitigation Plan: Bear River Region in accordance with the Disaster Mitigation Act of 2000, and;

WHEREAS, the 2015 Pre-Disaster Mitigation Plan: Bear River Region identifies mitigation goals and actions to reduce or eliminate long-term risk to people and property in Cache County from the impacts of future hazards and disasters, and;

WHEREAS, adoption of said plan by the Cache County Council demonstrates the County's commitment to hazard mitigation and achieving the goals outlined in the 2015 Pre-Disaster Mitigation Plan: Bear River Region.

NOW, THEREFORE, BE IT RESOLVED that the Cache County Council hereby adopts the following resolution:

2015 Pre-Disaster Mitigation Plan: Bear River Region

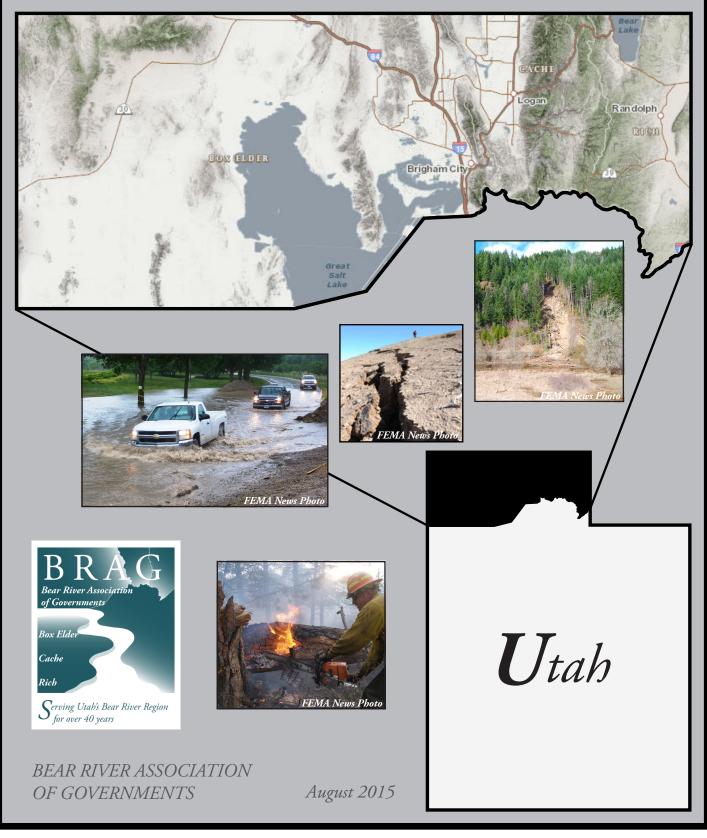
APPROVED AND ADOPTED this 13th day of October, 2015.

CACHE COUNTY COUNCIL

ATTEST:

Kathy Robison, Chair Cache County Council Jill Zollinger Cache County Clerk

PRE-DISASTER MITIGATION PLAN BEAR RIVER REGION, UTAH



Click on the image above to open the full plan in a browser window - 425 pp.

TABLE OF CONTENTS

	troduction & Plan Purpose	1-10
	How The Plan Is Organized	1-10
	How The Plan Should Be Used	1-10
	What Is Hazard Mitigation?	1-10
	Plan Purpose	1-11
	Plan Scope	1-12
	Overall Goals	1-12
	Local Goals	1-12
	Regional Goals	1-12
	Prioritization of Mitigation Strategies	1-13
Ad	loption & Updating The Plan	1-13
	Participating Jurisdictions	1-13
	Local Adoption of The Plan	1-13
	Plan Updates & Changes	1-13
Mi	itigation Strategies Implemented From 2009-2015	1-14
Ot	ther Changes from 2009-2015	1-15
SECT	TION 2: PLANNING PROCESS	2-16
Be	ear River Region PDM Planning Process	2-17
	How The Plan Was Produced and Project Staff	2-17
	Meetings Summary	2-18
	Planning Meetings and Public Outreach	2-18
		2-10
	Draft Review	
	Draft Review	2-19
	5	2-19 2-19
	Hazard Identification	2-19 2-19 2-20
	Hazard Identification	2-19 2-19 2-20 2-21
	Hazard Identification .	2-19 2-19 2-20 2-21 2-22
MARY	Hazard Identification .	
MARY	Hazard Identification	2-19 2-19 2-20 2-21 2-22 MOGRAPHIC SUM 3-24 3-25
MARY	Hazard Identification	2-19 2-19 2-20 2-21 2-22 IOGRAPHIC SUM 3-24 3-25
MARY	Hazard Identification . Summary of Risk Assessment Methodology . Estimating Losses From Natural Hazards . Incorporation of Existing Plans, Studies, Reports, and Technical Information . TION 3: REGIONAL SETTING, BACKGROUND INFORMATION, & DEN Y Pysiographic Background . Climate .	2-19 2-19 2-20 2-21 2-22 IOGRAPHIC SUM 3-24 3-25 3-26

I

Population Growth and Community Development
Community and Economic Development Profile
NFIP Participation & Building Code Reports
National Flood Insurance Program Participation
Building Code Effectiveness Grading Reports (BCEGS)
SECTION 4: REGIONAL RISK ASSESSMENT & MITIGATION STRATEGIES 4-32
Regional Natural Hazards
Background
History of Regional Natural Hazards in the Bear River Region
Regional Natural Hazard Profiles
Vulnerability and Potential Losses
Implications for Future Growth and Development
Regional Hazard Mitigation Strategies
SECTION 5: BOX ELDER COUNTY RISK ASSESSMENT & COMMUNITY SECTIONS5-38
History and Background of Natural Hazards in Box Elder County
Natural Hazard Profiles
Repetitive Loss Properties
County-wide Natural Hazard Maps
Community Sections: Natural Hazards, Potential Losses, and Mitigation Strategies 5-53
SECTION 6: CACHE COUNTY RISK ASSESSMENT & COMMUNITY SECTIONS 6-134
History and Background of Natural Hazards in Cache County 6-135
Natural Hazard Profiles
Repetitive Loss Properties
County-wide Natural Hazard Maps
Community Sections: Natural Hazards, Potential Losses, and Mitigation Strategies6-150
SECTION 7: RICH COUNTY RISK ASSESSMENT & COMMUNITY SECTIONS 7-247
History and Background of Natural Hazards in Rich County
Natural Hazard Profiles
Repetitive Loss Properties
County-wide Natural Hazard Maps
Community Sections: Natural Hazards, Potential Losses, and Mitigation Strategies7-260
SECTION 8: COMMUNITY CAPABILITY ASSESSMENT8-286
Introduction
LOCAL ORGANIZATIONAL AND TECHNICAL CAPABILITY
Policy and Program Capability

Jurisdictional capability to expand policies and programs	.8-289
SECTION 9 - PLAN MAINTENANCE, IMPLEMENTATION, FUNDING & PUBLIC MENT	C INVOLVE- 9-290
PLAN MAINTANENCE PROCEDURE	.9-291
Monitoring, Evaluating and Updating the Plan	. 9-291
Annual Reporting Procedures	. 9-291
Revisions and Updates	. 9-291
Five (5) Year Plan Review	. 9-291
Plan Amendments	. 9-291
IMPLEMENTATION THROUGH EXISTING PROGRAMS	.9-291
Integration with Local Planning	. 9-291
Potential Funding Sources	.9-293
Federal 9-294	
Local 9-297	
Non-Governmental	. 9-297
Continued Public Involvement	.9-297
REFERENCES & WORKS CITED	10-298
APPENDIX A - REGIONAL DEMOGRAPHICS AND POPULATION DATA	A-301
APPENDIX B - NATURAL HAZARDS DEFINITIONS AND INFORMATION	B-30 7
APPENDIX C - DETAILED RISK ASSESSMENT METHODOLOGY	C-316
APPENDIX D - LOCAL MITIGATION STRATEGY SURVEY AND COMMUNITY S D-321	SUMMARIES
APPENDIX E - U.S. ARMY CORPS OF ENGINEERS: FLOOD HAZARD IDENTIF FOR THE BEAR RIVER DISTRICT	ICATION STUDY E-343
APPENDIX F - PUBLIC OUTREACH	F-365
APPENDIX G - GEOGRAPHIC INFORMATION SYSTEMS (GIS) DATA SOURCES	5 G-378
APPENDIX H - PLAN PROMOLGATION/LOCAL ADOPTION RESOLUTIONS	H-380
APPENDIX I - REGIONAL AND COUNTY-WIDE MEETING ATTENDANCE ANI I-382	D AGENDAS
APPENDIX J - 2014 UTAH GRASSHOPPER AND CRICKET INFESTATION MAP J-398	AND DATA
APPENDIX K - HISTORIC NATURAL HAZARD EVENTS	K-401
APPENDIX L - RADON RISK MAPS AND INFORMATION	L-417

LIST OF TABLES

Table 1: Participating Jurisdictions in the Bear River Region 1-12
Table 2: 2015 PDMP Meetings 2-16
Table 3: Natural Hazards in the Bear River Region
Table 4: Potential Loss Categories 2-21
Table 5: NFIP Participation 3-28
Table 6: BCEGS Scores - Bear River Region. 3-30
Table 7: Drought Hazard Profile. 4-33
Table 8: Agricultural Hazard Profile
Table 9: Severe Weather. 4-33
Table 10: Radon Hazard Profile 4-33
Table 11: Problematic Soils Hazard Profile 4-33
Table 12: Box Elder County Flood Hazard Profile 5-41
Table 13: Box Elder County Wildfire Hazard Profile 5-42
Table 14: Box Elder County Landslide/Steep Slopes Hazard Profile 5-42
Table 15: Box Elder County Earthquake Hazard Profile 5-42
Table 16: Box Elder County Dam Failure Hazard Profile. 5-42
Table 17: Bear River Potential Loss Figures 5-52
Table 18: Bear River City Mitigation Strategies 5-55
Table 19: Box Elder County Potential Loss Tables 5-57
Table 20: Box Elder County Mitigation Strategies 5-60
Table 21: Brigham City Potential Loss Figures 5-62
Table 22: Brigham City Mitigation Strategies 5-65
Table 23: Corinne Potential Loss Figures 5-67
Table 24: Corinne Mitigation Strategies. 5-70
Table 25: Deweyville Potential Loss Figures. 5-71
Table 26: Elwood Town Potential Loss Figures 5-75
Table 27: Elwood Town Mitigation Strategies 5-78
Table 28: Fielding Potential Loss Figures 5-80
Table 29: Garland City Potential Loss Figures 5-84

Table 30: Garland City Mitigation Strategies 5-87
Table 31: Honeyville Potential Loss Figures. 5-89
Table 32: Honeyville Mitigation Strategies 5-92
Table 33: Howell Town Potential Loss Figures 5-94
Table 34: Howell Mitigation Strategies 5-97
Table 35: Mantua Potential Loss Figures 5-99
Table 36: Mantua Town Mitigation Strategies.
Table 37: Perry City Potential Loss Figures
Table 38: Perry City Mitigation Strategies.
Table 39: Plymouth Potential Loss Figures
Table 40: Plymouth Town Mitigation Strategies
Table 41: Portage Potential Loss Figures.
Table 42: Portage Town Mitigation Strategies
Table 43: Snowville Town Potential Loss Figures
Table 44: Snowville Town Mitigation Strategies.
Table 45: Tremonton Potential Loss Figures.
Table 46: Tremonton City Mitigation Strategies
Table 47: Willard City Potential Loss Figures
Table 48: Willard City Mitigation Strategies
Table 49: Cache County Flood Hazard Profile
Table 50: Cache County Wildfire Hazard Profile 6-138
Table 51: Cache County Landslide/Steep Slopes Hazard Profile
Table 52: Cache County Earthquake Hazard Profile
Table 53: Cache County Dam Failure Hazard Profile. 6-139
Table 54: Amalga Potential Loss Figures. 6-149
Table 55: Cache County Potential Loss Figures
Table 56: Cache County Mitigation Strategies
Table 57: Clarkston Potential Loss Figures 6-157
Table 58: Clarkston Mitigation Strategies 6-160
Table 59: Cornish Potential Loss Figures
Table 60: Cornish Mitigation Strategies 6-165

Table 61: Hyde Park Potential Loss Figures
Table 62: Hyde Park Mitigation Strategies 6-170
Table 63: Hyrum City Potential Loss Figures 6-172
Table 64: Hyrum City Mitigation Strategies. 6-175
Table 65: Lewiston Potential Loss Figures. 6-177
Table 66: Lewiston Mitigation Strategies
Table 67: Logan City Potential Loss Figures. 6-182
Table 68: Logan City Mitigation Strategies 6-185
Table 69: Mendon Potential Loss Figures 6-187
Table 70: Mendon City Mitigation Strategies 6-190
Table 71: Millville City Potential Losses. 6-192
Table 72: Millville Town Mitigation Strategies
Table 73: Newton Potential Loss Figures
Table 74: Newton Mitigation Strategies 6-200
Table 75: Nibley Potential Loss Figures
Table 76: Nibley City Mitigation Strategies 6-205
Table 77: North Logan Potential Loss Figures. 6-207
Table 78: North Logan Mitigation Strategies 6-210
Table 79: Paradise Town Potential Loss Figures
Table 80: Paradise Town Mitigation Strategies 6-215
Table 81: Providence Potential Loss Figures. 6-217
Table 82: Providence Mitigation Strategies 6-220
Table 83: Richmond City Potential Loss Figures
Table 84: Richmond City Mitigation Strategies 6-225
Table 85: River Heights Potential Loss Figures 6-227
Table 86: River Heights Mitigation Strategies. 6-230
Table 87: Smithfield Potential Loss Figures 6-232
Table 88: Smithfield City Mitigation Strategies 6-235
Table 89: Trenton Town Potential Loss Figures 6-237
Table 90: Trenton Town Mitigation Strategies. 6-240
Table 91: Wellsville City Potential Loss Figures

Table 92: Wellsville Town Mitigation Strategies 6-244
Table 93: Rich County Flood Hazard Profile
Table 94: Rich County Wildfire Hazard Profile
Table 95: Rich County Landslide/Steep Slopes Hazard Profile.
Table 96: Rich County Earthquake Hazard Profile
Table 97: Rich County Dam Failure Hazard Profile
Table 98: Rich County Potential Loss Figures.
Table 99: Rich County Mitigation Strategies
Table 100: Garden City Potential Loss Figures
Table 101: Garden City Mitigation Strategies
Table 102: Laketown Potential Loss Figures.
Table 103: Laketown Mitigation Strategies
Table 104: Randolph Potential Loss Figures
Table 105: Randolph Town Mitigation Strategies
Table 106: Woodruff Town Potential Loss Figures
Table 107: Woodruff Town Mitigation Strategies
Table 108: State and Regional Hazard Mitigation Resources
Table 109: Local Community Capability

SECTION 1: PRE-REQUISITES & ADOPTION BY THE LOCAL JURISDICTIONS

INTRODUCTION & PLAN PURPOSE

The three northernmost Utah counties that make up the Bear River Region are vulnerable to natural, technological, and human caused hazards that have the possibility of causing serious threat to the health, welfare, and security of our citizens. The cost of response and recovery from potential disasters, both in terms of potential loss of life or property, can be lessened when attention is turned to mitigating their impacts before they occur or re-occur.

This plan attempts to identify the region's hazards, understand our vulnerabilities and craft solutions that can significantly reduce threat to life and property. The plan is based on the premise that hazard mitigation works! With increased attention to managing natural hazards, communities can do much to reduce threats to existing citizens and avoid creating new problems in the future. In addition, many solutions can be implemented at minimal cost.

This is not an emergency response or management plan. Certainly, the plan can be used to identify weaknesses and refocus emergency response planning, which is an important mitigation strategy. However, the focus of this plan is to support better decision making directed toward avoiding future risks, and the implementation of activities or projects that will eliminate or reduce the risk for those that may already have exposure to a natural hazard threat.

How The Plan Is Organized

Section 1 introduces the plan, outlines the plan including scope, purpose, and goals, lists participating communities, and includes commentary on changes in the plan from earlier versions. Section 2 documents the planning process, public involvement, and summarizes information on natural hazards in the Bear River Region. Section 3 gives a general regional background including basic demographic, economic, and physiographic characteristics.

Section 4 is the Bear River Regional Risk Assessment. Because of the uniformity of the hazard risk throughout the region and the similarity of vulnerabilities, severe weather, drought, agricultural hazards, radon, and problem soils were analyzed at the regional level. This section also includes commentary regarding implications of the potential effects of natural hazards on future development. Section 5, 6, and 7 includes natural hazard risk assessments for cities, towns, and the unincorporated county areas for Box Elder, Cache, and Rich Counties, respectively. Section 8 documents local community planning and technical capability to implement mitigation strategies, and Section 9 discusses plan implementation, funding, and public involvement.

How The Plan Should Be Used

First, the plan should be used to help local elected and appointed officials plan, design, and implement programs and projects that will help reduce their community's vulnerability to natural hazards. Second, the plan should be used to facilitate inter-jurisdictional coordination and collaboration related to natural hazard mitigation planning and implementation. Third, the plan should be used to develop or provide guidance for local emergency planning. Finally, if adopted, the plan will bring communities in compliance with the Disaster Mitigation Act of 2000, qualifying jurisdictions to apply for funding for pre-disaster mitigation projects and for receiving federal aid in the event of a presidentially declared disaster.

What Is Hazard Mitigation?

Hazard mitigation is defined as any cost-effective action(s) that has the effect of reducing, limiting, or preventing vulnerability of people, property, and the environment, to potentially damaging, harmful, or costly hazards. Hazard mitigation measures, which can be used to eliminate or minimize the risk to life and property, fall into three categories. First, are those that keep the hazard away from people, property, and structures. Second, are those that keep people, property, and structures away from the hazard. Third, are those that do not address the hazard at all but rather reduce the impact of the hazard on the victims, such as insurance. This mitigation plan has strategies that fall into all three categories.

Hazard mitigation measures must be practical, cost effective, and environmentally and politically

acceptable. Actions taken to limit the vulnerability of society to hazards must not in themselves be more costly than the value of anticipated damages. However, some projects may require financial commitments from local jurisdictions without any measurable monetary reward or benefit, although it may save lives and priceless community assets. Some initial financial investments for projects which lessen risk to local residents and property, may also pay economic dividends later on if legal issues arise.

However, the primary focus of hazard mitigation actions must be on capital investment decisions, and based on vulnerability. Capital investments, whether for homes, roads, public utilities, pipelines, power plants, or public works greatly determine the nature and degree of hazard vulnerability for a community. Once a capital facility is in place, very few opportunities will present themselves over the useful life of the facility to correct any errors in location or construction with respect to hazard vulnerability. It is for these reasons that zoning and other ordinances - which manage development in high vulnerability areas along with building codes and guidelines, are often the most useful mitigation approaches a city can implement.

In general, mitigation measures are the most neglected programs within emergency management. Since the priority to implement mitigation activities is generally low in comparison to perceived threat, implementation may be a timely and highly involved process. Mitigation success may be achieved however, if accurate information is portrayed through complete hazard identification and impact studies, followed by effective mitigation management. Hazard mitigation is the key to eliminating long-term risks to people and property from hazards and their effects. Preparedness for all hazards includes response and recovery plans, training, development, management of resources, and the need to mitigate each jurisdictional hazard.

This multi-jurisdictional plan evaluates the potential impacts, risks and vulnerabilities associated with natural hazards for jurisdictions in the Bear River Region. The plan supports, identifies, describes, and documents potential mitigation projects for municipalities and the unincorporated areas in each county. The suggested actions and plan implementation contained in this document for local governments may reduce the impact severity of future disasters. Only through coordinated partnerships with emergency managers, political entities, public works officials, community planners, the general public, and other individuals working to implement this program will the goals of the plan be accomplished.

For most of the State of Utah, the planning services of the Utah Association of Governments (AOG's) have been utilized to develop the mitigation plans for all jurisdictions in the state. However, some individual jurisdictions have recently completed the plan on their own. For this plan update, Box Elder, Cache, and Rich County emergency managers requested assistance from BRAG to update the plan for the entire region.

The seven Utah Associations of Governments are comprised of the following regional entities:

- 1. Bear River Association of Governments
- 2. Wasatch Front Regional Council
- 3. Mountainland Association of Governments
- 4. Six County Association of Governments
- 5. Southeast Utah Association of Local Governments
- 6. Five County Association of Governments
- 7. Uintah Basin Association of Governments

<u>Plan Purpose</u>

This Pre-Disaster Mitigation Plan is meant to provide information regarding threats to life and property associated with natural hazards to local and State governments as well as interested agencies and the general public. The intent of this document can be summarized into several over arching goals which:

- Fulfil Federal, State, and local hazard mitigation planning requirements
- Promote pre- and post-disaster mitigation measures, short and long-range strategies

that minimize suffering, loss of life, and damage to property resulting from hazardous or potentially hazardous conditions to which citizens and institutions within the State are exposed.

• Eliminate or minimize conditions which would have an undesirable impact on our citizens, local infrastructure, economy, environment, and the well-being of local, county, and state governments.

Plan Scope

The Bear River Association of Governments (providing regional planning assistance to Cache, Rich, and Box Elder Counties) will submit a current updated plan to the Utah Division of Emergency Services. Future monitoring, evaluating, updating and implementing will take place as new incidents occur and/or every five years. The hazard mitigation plans and strategies will also be included in local planning efforts and plans.

Overall Goals

Coordinate with participating local governments to develop a regional planning process that will meet Local Mitigation Plan Review Tool provided by FEMA. Additional goals include planning to meet expectations set by the State and addressing the concerns of local jurisdictions.

Local Goals

The goals below form the basis for the development of the PDM Plan and are shown from highest to lowest priority. They are:

- 1. Protection of life before, during, and after the occurrence of a disaster.
- 2. Protection of emergency response capabilities (critical infrastructure).
- 3. Improved communication and warning systems.
- 4. Integration of appropriate emergency medical services and use medical facilities during a natural disaster event.

- 5. Identification of critical facilities and community infrastructure.
- 6. Government collaboration across jurisdictional boundaries during natural hazard events.
- 7. Protection of developed property, homes and businesses, industry, educational opportunities, and the cultural fabric of a community, by combining hazard loss reduction strategies with a community's environmental, cultural/historical, social, and economic needs.
- 8. Protection of natural resources and the environment when considering mitigation measures.

Regional Goals

- 1. Eliminate or reduce the long-term risk to human life and property by identifying natural hazards.
- 2. Aid both the private and public sectors in understanding the risks they may be exposed to from identified hazards, and work with local governments and partners to find mitigation strategies that reduce those risks.
- 3. Decrease liability for local governments by educating elected officials and staff on natural hazard mitigation and issues.
- 4. Minimize the impacts of natural hazard risks when they cannot be avoided.
- 5. Mitigate the impacts of damage as a result of identifying hazards.
- 6. Implement mitigation strategies in a way that minimizes negative environmental impacts.
- 7. Provide a basis for funding projects which are outlined as hazard mitigation strategies.
- 8. Maintain and improve a regional platform to enable communities to take advantage of shared goals, resources, and other available resources.

Prioritization of Mitigation Strategies

A guiding factor in prioritizing mitigation strategies was the principle that mitigation should provide the greatest amount of good to the greatest number of people, after considering funding, staffing, and other resource constraints.

Recurrence intervals, past events, and damage estimates compiled during the assessment of vulnerability in this plan were also considered for priority and time line values. While there was not a technical cost-benefit analysis for determining mitigation strategies during this planning process, the above criteria were considered for prioritization.

ADOPTION & UPDATING THE PLAN

Participating Jurisdictions

Table 1: Participating Jurisdictions in the Bear River

 Region

RICH COUNTY	CACHE COUNTY
Garden City	Amalga
Laketown	Clarkston
Randolph	Cornish Town
Woodruff	Hyde Park City
BOX ELDER COUNTY	Hyrum City
Bear River City	Lewiston City
Brigham City	Logan City
Corinne City	Mendon City
Deweyville	Millville City
Elwood	Newton
Fielding	Nibley
Garland City	North Logan City
Honeyville City	Paradise
Howell	Providence City
Mantua	Richmond City
Perry City	River Heights City
Plymouth	Smithfield City
Portage	Trenton
Snowville	Wellsville City
Tremonton City	
Willard City	

Local Adoption of The Plan

On June 1, 2015, the Draft Pre-Disaster Mitigation Plan was put on the BRAG website, located at www.brag.utah.gov. A hard copy of the plan was also available at the BRAG office for viewing. After a 30-day public comment period, comments from communities, the public, county working groups, as well as the Utah Division of Emergency Services were integrated into the plan. The draft plan was then sent to FEMA Region VIII for review. After revisions to the draft plan were completed, letters were sent to each jurisdiction explaining the benefits of adopting a FEMAapproved plan and encouraging all 42 jurisdictions in the Bear River Region to adopt the plan. Blank promulgation forms were sent to chief elected officials, and communities were asked to adopt the plan, and send the completed promulgation forms to BRAG for inclusion as an appendix in the plan. The final plan was also made available in its entirety by section on the BRAG website found at *www.brag.utah.gov*. Individual links for each community section were made available.

Plan Updates & Changes

During the 2014-2015 planning process, it was determined that some aspects of the plan should be updated as needed and some should remain as they were in the 2009 version, with minor edits as needed. Background information, such as hazard definitions, the purpose for the plan, scope, goals, local adoption, and other sections remained relatively the same in both plans. However, some changes in this version were necessary, such as general document layout, the planning process, economic and demographic information updates, risk assessment methods and data, mitigation strategy updates, and the community capability assessments. Following are some of the changes that were made to these sections.

Document layout and organization has been altered to create a user friendly and accessible document. Some charts, tables, data, and other information was moved to the appendix to create a more user friendly layout. County risk assessments were renamed to provide a community emphasis, such as "Box Elder County – Community Risk Assessments" to give a sense of ownership for communities and to make the plan easier to navigate. Also, the term "Annex" was removed to avoid confusion and sections were renamed "Box Elder County Hazard Mapping," for example, to

simplify sections.

The planning process was altered slightly as well. The first group that met about the plan was comprised of emergency managers, planners, and others involved in emergency planning in the region. BRAG staff sought input for, and built county working groups based on, meeting input and references from those initial contacts. The working groups were also added to as needed depending on what existing working group members thought was necessary. BRAG staff invited all jurisdictions in the region to send representatives as part of the working group, and invited State and Federal Agencies with land management responsibilities in the Bear River Region. Any other suggestions for members were integrated into the working group as needed. The use of surveys was employed similarly to the 2009 plan, and letters and e-mails were sent regularly throughout the process to each community inviting representatives to meetings, and giving many opportunities for community involvement. BRAG staff also made many phone calls to communities to solicit information critical to the plan.

Understandably, economic and demographic data was updated in the plan, as was historical data and natural hazard event data. New sources were sought where data was limited in the 2009 version, such as historical landslide data, historical wildfire data, and earthquake epicentre data.

New risk assessment methods and up-to-date GIS data was also used in this plan in an attempt to reflect current conditions (See Appendix C). New landslide susceptibility, geological faults, wildfire, dam failure, and floodplain data was utilized. Steep slopes were added to address some problem soil areas. The overlay analysis methodology from 2009 proved to be useful for this analysis, although parcel data and any available new hazards data was used. Model Builder in ArcGIS was used to make the analyses uniform for the entire region where possible. Rich County still had incomplete parcel data, and it is anticipated it will be incomplete for some time. However, updated recorders data was linked to the GIS layers to create a more accurate data set where it existed.

A new wildfire hazard data set was also used for this plan update. Data from the West Wide Wildfire Risk Assessment, completed in 2013 by the Oregon Department of Forestry, was utilized to provide a more accurate risk assessment regionwide.

Mitigation strategies were also updated through interaction with participating communities. Some strategies from 2009 were completed, those that were still applicable were carried over into this plan, and new strategies were created by local governments to better address mitigation issues.

Some communities in the region have either grown and added new employees or now have greater data and GIS capabilities. These capabilities were documented at the end of this document as well, with the realization that some communities will continue to have needs for hazard mitigation planning assistance from BRAG and other State and Federal agencies in the future. BRAG staff will continue to be a resource for those communities.

MITIGATION STRATEGIES IMPLEMENTED FROM 2009-2015

- North Logan Earthquake training (Utah Shakeout). Working with canal companies. Wildfire planning. Geotechnical Requirements. Using flood areas as recreational opportunities.
- **Logan** Improvements were made to 600 W bridge to prevent overtopping road during floods. Additional water storage still ongoing for the next 5 years.
- **Richmond** Incorporated the bulk of the strategies used in the 2009 program, but did make some minor changes. Worked with irrigation company to minimize flooding.
- **Trenton** Earthquake, landslide, and wildfire planning.
- **River Heights** Sponsored a seminar on the dangers of radon gas, and several residents have installed fan driven ventilation systems.
- **Millville** Regulating building in wildfire prone areas. Earthquake hazards planning

and ordinance work.

- **Smithfield** Identified the floodplain running through the city, and have taken steps through the cities ordinance and general plan to minimize the effects of flooding. Smithfield works through LDS stakes with emergency preparedness.
- **Tremonton** Wildfire protection: Cooperative Wildfire Protection Plan (CWPP) was established Feb 28, 2013 involving residents of Tremonton, Garland, and Box Elder County (unincorporated). Resulting from this agreement and in cooperation with FFSL, US Dept. of Agriculture, Box Elder County, Tremonton, and Garland Fire Departments, a fire break was created above affected homes to protect both residential areas and grazing land.
- **Garland** Holding table top trainings once a month. These table tops have been covering waterlines, communication, health of others.
- Brigham City Work with the Utah Division of Water Rights and other groups to utilize Emergency Action Plans on a local level. Develop or update an environmental safety zone - with identified hazard areas, disclosure/education, hazard maps. Wildfire Defense Program. Perform seismic upgrades to existing Brigham City Library to meet current building codes. Protect 36" Penstock water line coming from Mantua to Brigham City by burying it. Trim trees to keep limbs clear of electrical power system. Reconcile current development with soon to be adopted FEMA floodplain maps for Box Elder County for NFIP communities. For non-NFIP communities, talk with Utah ESHS about the benefits of NFIP.

OTHER CHANGES FROM 2009-2015

One of the most substantial changes to this updated plan is the document layout and organization. Most of the large charts and extraneous background information was consolidated and put in the appendix. In this version of the plan, individual community sections were created to make the document more accessible to local community leaders, staff, and emergency managers/planners on the local, state, and federal levels.

A more robust risk analysis was also completed for this plan update. Better GIS data was used where available, including a wildfire risk data set created by Oregon State University in 2013. Updated parcel and US Census data was also utilized, as well as updated geologic hazards data from the Utah Geological Survey. Potential loss analyses were also more comprehensive, and included new data sets such as:

- Natural gas line data (Questar Gas)
- Agricultural amenities
- Recreational amenities
- Natural amenities
- More comprehensive list of Critical Facilities

BRAG staff also tried to make the meetings for the update process more interesting and appealing to elected officials and others. Six natural hazards specialists from state and federal agencies were invited to give presentations at the three county mitigation strategy meetings held. They presented realistic and feasible ideas for mitigating the effects of wildfire, flood, landslides, geologic hazards, and severe weather. Elected officials and staff were invited to ask questions and learn from these specialists.

	BEAR RIVER REGION - COMMUNITY MITIGATION STRATEGIES									
Protecting <u>Current</u> Residents and Property										
Jurisdiction	Hazard	Goal	Action	Action (For NFIP Compliance, if Applicable)	Priority (High, Medium, Low)	Time- frame (Year)	Potential Funding Sources	Responsible Entity	Estimated Cost	Resources
Bear River Region	All	Protect current residents and property	County-wide emergency preparedness fair	N/A	High	2017	Counties, BRAG	Box Elder, Cache, and Rich Counties and BRAG	Minimal	BRAG, Counties, Be Ready Utah, Utah DESHS, local communities, Utah FSSL, GOPB, LEPC's, local HAM radio groups, UGS, NRCS (snow), National Weather Service, LDS Bishops Storehouse, Food Bank
Bear River Region	Severe Weather	Protect current residents and property	Public education/training including 3-5 day power outage survival emergency response (CERT), emergency shelter locations, emergency kits, backup utilities, livestock issues, and interoperable emergency communications planning.	N/A	High	2017	Counties, Utah ESHS, BRAG, Cities, FEMA	Box Elder, Cache, and Rich Counties and BRAG	\$50,000	Counties, Utah ESHS, BRAG, Cities, FEMA, NOAA
Bear River Region	Agricultural	Protect current residents and property	Encourage crop diversity, weed and pest management, and coordination with local, State, and Federal agencies on agricultural land management and production.	N/A	Medium	2018	Utah Department of Agriculture and Food, USDA, USU Extension, USFS, BLM,	Box Elder, Cache, and Rich Counties	Minimal	Utah Department of Agriculture and Food, USDA, USU Extension, USFS, BLM,
Bear River Region	Agricultural	Protect current residents and property	Work with various agencies to plan for and mitigate economic losses associated with stock loss due to disease.	N/A	Medium	2018	Utah Department of Agriculture and Food, USDA, USU Extension	Box Elder, Cache, and Rich Counties	minimal	Utah Department of Agriculture and Food, USDA, USU Extension, US Food and Drug Administration, Center for Disease Contro
Bear River Region	Agricultural	Protect current residents and property	Prepare an Emergency Services Function for County Emergency Operations Plans	N/A	Medium	2017	Local	Box Elder, Cache, and Rich Counties	Minimal	Local
Bear River Region	Agricultural	Protect current residents and property	Educate residents on crop insurance program, alternative planting and CRP programs, value of agriculture, pest control, crop diversity, urbar tree planting guidelines, etc		Medium	2017	State, Local, USDA	Box Elder, Cache, and Rich Counties	Minimal	State, Local, USDA
Bear River Region	Drought	Protect current residents and property	Promote water wise landscaping practices and land use ordinances.	N/A	High	2016	Counties, Municipalities, BRAG	All jurisdictions	minimal	Counties, Municipalities, BRAG, USU Extension, NRCS, Utah League of Cities and Towns, GOPB
Bear River Region	Drought	Protect current residents and property	Study feasibility of increasing current water storage capabilities.	N/A	Low	2017	Utah ESHS, BRAG	All jurisdictions	Minimal	Utah ESHS, BRAG
Bear River Region	Drought	Protect current residents and property	Encourage water conservation techniques for all land uses.	N/A	High	2018	Utah DEQ, USDA, Utah Agriculture and Food, Utah APA	All jurisdictions	minimal	Utah DEQ, USDA, Utah Agriculture and Food, Utah APA
Bear River Region	Radon	Protect current residents and property	Provide educational materials to owners of new homes and/or all residents in the local communities	N/A	High	2016	Local	All jurisdictions	Minimal	Bear River Health Department
Bear River Region	Problematic Soils	Protect current residents and property	Review and update local land use ordinances to require soils testing before new construction on suspected instable soil types.	N/A	High	2017	Local	All jurisdictions	Minimal	Utah Geological Survey, Utah APA

BEAR RIVER REGION - COMMUNITY MITIGATION STRATEGIES										
Protecting <u>Future</u> Residents and Property										
Jurisdiction	Hazard	Goal	Action	Action (For NFIP Compliance, if Applicable)	Priority (High, Medium, Low)	Time- frame (Year)	Potential Funding Sources	Responsible Entity	Estimated Cost	Resources
Bear River Region	All	Protect future residents and property	County-wide emergency preparedness fair	N/A	High	2017	Counties, BRAG	Box Elder, Cache, and Rich Counties and BRAG	Minimal	BRAG, Counties, Be Ready Utah, Utah DESHS, local communities, Utah FSSL, GOPB, LEPC's, local HAM radio groups, UGS, NRCS (snow), National Weather Service, LDS Bishops Storehouse, Food Bank
Bear River Region	Severe Weather	Protect future residents and property	Discuss planning needs on the county and city levels to coordinate lan use regulations regarding Severe Weather events and response. This would be intended to prevent damages from extreme weather trigger events and incorporate severe weather into current response plans.	N/A	Medium	2017	Counties, Municipalities, BRAG	All jurisdictions	Minimal	Counties, Municipalities, BRAG, Utah ESHS, Army Corp., Be Ready Utah, FSSL, LEPC, NOAA, NRCS
Bear River Region	Agricultural	Protect future residents and property	Encourage crop diversity, weed and pest management, and coordination with local, State, and Federal agencies on agricultural land management and production.	N/A	Medium	2018	Utah Department of Agriculture and Food, USDA, USU Extension, USFS, BLM,	Box Elder, Cache, and Rich Counties	Minimal	Utah Department of Agriculture and Food, USDA, USU Extension, USFS, BLM,
Bear River Region	Agricultural	Protect future residents and property	Work with various agencies to plan for and mitigate economic losses associated with stock loss due to disease.	N/A	Medium	2018	Utah Department of Agriculture and Food, USDA, USU Extension	Box Elder, Cache, and Rich Counties	minimal	Utah Department of Agriculture and Food, USDA, USU Extension, US Food and Drug Administration, Center for Disease Contro
Bear River Region	Agricultural	Protect future residents and property	Educate residents on crop insurance program, alternative planting and CRP programs, value of agriculture, pest control, crop diversity, urban tree planting guidelines, etc	N/A	Medium	2017	State, Local, USDA	Box Elder, Cache, and Rich Counties	Minimal	State, Local, USDA
Bear River Region	Drought	Protect future residents and property	Discuss purchasing agricultural water rights for culinary water on a county and local level	N/A	High	2018	County, Local	All jurisdictions	Minimal	County, Local
Bear River Region	Drought	Protect future residents and property		N/A	Low	2017	Utah ESHS, BRAG	All jurisdictions	Minimal	Utah ESHS, BRAG
Bear River Region	Drought	Protect future residents and property	Encourage water conservation techniques for all land uses.	N/A	High	2018	Utah DEQ, USDA, Utah Agriculture and Food, Utah APA	All jurisdictions	minimal	Utah DEQ, USDA, Utah Agriculture and Food, Utah APA
Bear River Region	Radon	Protect future residents and property	Provide educational materials to owners of new homes and/or all residents in the local communities	N/A	High	2016	Local	All jurisdictions	Minimal	Bear River Health Department
Bear River Region	Problematic Soils	Protect future residents and property	Review and update local land use ordinances to require soils testing before new construction on suspected instable soil types.	N/A	High	2017	Local	All jurisdictions	Minimal	Utah Geological Survey, Utah APA

CACHE COUNTY RESOLUTION 2015 - 25

RESOLUTION DECLARING CERTAIN REAL PROPERTY AS SURPLUS PROPERTY

WHEREAS, real property has been struck off to Cache County at a tax sale pursuant to Utah Code Annotated Section 59-2-1351.3 more fully described in Exhibit "A"; and

WHEREAS, Utah Code Ann. Section 17-50-312 provides that the county legislative body shall provide by ordinance, resolution, rule or regulation for the manner in which property shall be acquired, managed, and disposed of; and

WHEREAS, prior to the sale of said Property, Cache County Ordinance 3.40.010 requires the Cache County Council to declare said property as "Surplus Property"; and

WHEREAS Cache County Ordinances 3.40.020 and 3.40.040 establish the procedures and protocols that must be followed prior to declaring the property as "Surplus Property" before it can be conveyed to a purchaser; and

WHEREAS the Cache County Council must hold a public hearing pursuant to Cache County Ordinance 3.40.040(B) before, by motion and vote, the Cache County Council can declare the Property as "Surplus Property" so that it can be conveyed to a purchaser; now

THEREFORE, the Cache County Council finds as follows:

- 1. That it is in the public interest that the subject real property be disposed of as surplus property. In determining whether the property shall be declared surplus, the County Council has taken into consideration:
 - a. Whether the county has, or anticipates that it will have, no practical, economical, efficient or appropriate use for the property currently or in the reasonably foreseeable future.
 - b. Whether the purpose served by the property can be better accomplished by other alternatives or property.
 - c. Whether the purpose served by the property or its use either no longer exists or has significantly changed because of the needs and demands of the county or as may be determined by a change of policy evidenced by an ordinance or resolution of the county council.
 - d. Whether the property is so damaged, depreciated or worn that it is inoperable or limited in operation without repairs and the cost of such repairs is unreasonable, excessive or impractical.

e. Whether the purposes and interests of the county would be better served by the declaration of the property as surplus and the disposition of that property.

THEREFORE, the Cache County Council, after holding a public hearing, resolves that the Property, better described in "Exhibit A" shall be declared surplus, and that such surplus property may be disposed of by the county executive subject to the provisions of Cache County Code Chapter 3.40. This resolution takes effect immediately upon adoption.

Dated this 13th day of October 2015.

ATTESTED TO:

CACHE COUNTY COUNCIL

Jill N. Zollinger Cache County Clerk/Auditor Kathy Robison Council Chair