TOOELE COUNTY PRE-DISASTER MITIGATION PLAN 2021 UPDATE



This Page Intentionally Left Blank

Pre-disaster mitigation or hazard mitigation is the actions taken to reduce or eliminate the cause, impact and consequences of natural hazards on property and people. Mitigation is one of four phases of emergency management, including preparedness, response, and recovery. This plan focuses on mitigation by identify the potential risk and vulnerabilities caused by natural hazards, and by developing long-term strategies to protect people and property from future hazard events.

This is the FEMA-approved Pre-Disaster Mitigation Plan (PDMP) for Tooele County of Utah. By participating and adopting this plan, communities in the region meet the requirements of the 2000 Disaster Mitigation Act and are eligible for federal assistance through the Hazard Mitigation Grant Program (HMGP), HMGP Post Fire Grant, Flood Mitigation Assistance (FMA) Program, and the Building Resilient Infrastructure and Communities (BRIC), program. These grant programs help provide funding for communities to implement their long-term strategies developed in this plan. For more information about hazard mitigation, the Disaster Mitigation Act or changes from the last update see Section 1: Introduction.

PARTICIPATING JURISDICTIONS

Tooele County PDMP was first developed, approved and adopted in 2005 with subsequent revisions in 2016 and 2021. Because natural hazards do not follow jurisdictional boundaries, the historic and exposure analyses used to identify risk and vulnerabilities was completed at the County level, as opposed to each jurisdiction duplicating similar efforts. Jurisdictions participating in the process provided information unique to their local geography, capabilities and mitigation strategies.

The following jurisdictions participated in the 2020 PDMP update process:

Tooele County

Grantsville City, Rush Valley City, Stockton

City, Tooele City, Vernon City, and Wendover City.

Add text regarding tribes and unincorporated communiites

PLAN DEVELOPMENT

The review, revision and update of Tooele County PDMP was coordinated by Tooele County with technical assistance from the Bear River Association of Governments. Together the two entities worked closely with residents, elected officials, administrators, planners, emergency managers, emergency responders, health departments, state and federal agencies, and other stakeholders from across the region to develop this plan.

The 18-month plan update began in the spring of 2020 and included a series of county-level meetings, public surveys, and data collection and analyses. Following a 30-day public review in September and October of 2021, the plan was delivered to the Utah Department of Emergency Management and FEMA for review and received an *Approved Pending Adoption* status in the fall of 2020. Due to COVID-19, planning efforts stalled during the spring and summer of 2020 as staff and communities responded to the pandemic. As such, the original plan completion date was delayed from July 2020 to September 2020. For more information about how the plan was completed and who participated see <u>Section 2 Planning</u> <u>Process</u>.

TOOELE COUNTY NATURAL HAZARDS

The plan identified the following natural hazards as impacting the region:

- Avalanche
- Dam Failure
- Drought
- Earthquake
- Flood
- Landslide
- Liquefaction
- Problem Soil
- Radon
- Severe Weather
- Wildfire
- Wildlife

Natural hazards were identified by reviewing existing plans and studies, and consulting natural hazard experts and local authorities. Using historic hazard data and computer models of hazard locations, natural hazard were analyzed for their impacts on community assets, such as hospitals, police stations, roads, power lines, parks, and homes. This data was used to inform the mitigation strategies developed by each jurisdiction. Once analyzed, natural hazards were ranked based on their probability of occurrence, impacts to people, property, economy and future development. See Section 4: County Natural Hazards, Goals and Capabilities for a description of each natural hazard and Community Section 5 for jurisdiction specific natural hazard information, maps and loss tables.

COUNTYWIDE NATURAL HAZARD RESULTS

Avalanche, drought, liquefaction, radon, severe weather and wildlife were analyzed using historic data at the county level. Of those natural hazards, drought and radon were the most impactful to the region (see Table i.1). All 6 counties had a high risk to drought whereas 5 out of 6 counties had a high risk to radon (see Table i.2).

JURISDICTION NATURAL HAZARD RESULTS

Dam failure, earthquake, flood, landslide, problem soil and wildfire were analyzed using computer modeled maps at the jurisdictional level. Jurisdictions included towns, cities and unincorporated areas of the counties. Of the natural hazards analyzed, wildfire was the most impactful to the region (see Table i.3) with 36% of communities having a high risk (see Table i.4). Flooding was also a significant natural hazard to the region with 67% of communities having a moderate risk. Although earthquake was considered a low risk to most communities, likely due to the low number of occurrences, it impacts 83% of communities in the region. Problem soil was similar to earthquake with 90% of communities having a low to moderate risk.

MITIGATION STRATEGIES

Each participating jurisdiction developed mitigation strategies designed to reduce their community's long-term risk to natural hazards. The strategies reflect the county's mitigation strategy goals and local capabilities. For more information about County goals and capabilities see <u>Section 3: County</u> <u>Natural Hazards, Goals and Capabilities</u>. Strategies were developed to protect current and future residents and property through local planning and regulation, education and awareness, structure and infrastructure projects and natural systems protection policies and projects. For more information on each jurisdiction's mitigation strategies see <u>Section 5: Community Sections</u> organized alphabetically by community.

IMPLEMENTING ACTIONS

Upon approval from FEMA, each jurisdiction will adopt the 2021 Tooele County Region Pre-Disaster Mitigation Plan by resolution. Local governments are encouraged to incorporate mitigation strategies into local plans, including General Plans, Capital Improvement Plans, and other documents. Strategies may be implemented at the discretion of the jurisdiction, and opportunities for crossjurisdictional collaboration are encouraged.

Funding will be the critical factor impacting the implementation of mitigation strategies. Communities with existing funding, local Capital Improvement Program grants or other funding sources will likely make more significant progress towards reducing their risk. Projects requiring significant funding or additional planning, may be accomplished through strong local and County support. The various FEMA hazard mitigation programs along with other funding sources, such as the Community Impact Board (CIB), can be leveraged together to complete any level of mitigation actions. Jurisdictions are encourage to coordinate with Tooele County, Utah Department of Emergency Management, and FEMA to develop grant projects.

MAINTAINING THE PLAN

The plan is considered a living document, and will be continuously monitored, evaluated and updated throughout the next 5 years on an annual basis by the Emergency Management office at Tooele County. For more information on how the plan will be monitored, evaluated and updated see <u>Section 3: Implementation</u> <u>and Maintenance</u>. If a jurisdiction wants to update their strategies or any other information in their section of the plan they will have to submit changes to Tooele County Emergency Management. Upon their approval, the jurisdiction can then re-adopt the amended plan.

TABLE OF CONTENTS

PART 1: PLAN

SECTION 1: INTRODUCTION	1
Background	2
Plan Purpose	2
Plan Goals	2
Plan Development	3
Local Review and Adoption of the Plan	4
Plan Update and Changes	4
Changes to the Planning Process	5
Changes to Plan Layout	5
Integrating Community Wildfire Preparedness Plans	5
Plan Use and Organization	6
Part 1: The Plan	6
Part 2: Community Results	6
Part 3: Reference Documents	6
SECTION 2: PLANNING PROCESS AND PARTICIPATION	7
Planning Process	8
Timeline	9
Pre-Analysis	10
Document Review	10
County Planning Team	10
County Kick off Monting	10

County Kick-off Meeting .	 	
Risk Assessment		
Risk Assessment Input	 	

1
2
Z
4
Z
6
6
6
6
7
7
7
7
7
7
7

SECTION 3: PLAN IMPLEMENTATION AND MAINTENANCE

Introduction	. 23
Implementation	. 23
Funding Sources	. 23
Integration with Existing Documents	. 23
Plan Maintenance	. 23
Plan Monitoring	. 23
Plan Evaluation	. 23
Plan Update	. 24
Continued Pubic Involvement	. 24

Introduction	 	 <i>y</i>	
County Natural Hazards	 ,	 	

Alluvial Fans	
Avalanche	. 27
Climate Change	. 29
Dam Failure	. 30
Debris Flow	
Drought	. 32
Earthquake	
Erosion	. 33
Flood	. 35
Landslide	. 38
Problem Soils	. 43
Radon	. 46
Severe Weather	. 48
Steep Slope	
Wildfire	. 49
Wildlife	. 52
Mitigation Strategy Goal	. 54
County Mitigation Strategy Goals	. 54
Prioritization of Mitigation Strategies	. 54
2015-2020 Mitigation Strategies Implemented	. 54
County Capabilities	. 54
National Flood Insurance Program (NFIP) Compliance	. 57
NFIP Participation	. 57
NFIP Non-Participation	. 57
Repetitive Loss Properties.	. 57

PART 2: COMMUNITY SECTIONS

SECTION 5: TOOELE COUNTY	
5.1 Grantsville City	
5.2 Rush Valley City	
5.3 Stockton Town	

5.4 Tooele City	98
5.5 Vernon City	108
5.6 Wendover City	122
Unincorporated Tooele County	
Text regarding tribes and unincorporated communities	

PART 3: REFERENCE DOCUMENTS

Section 11: References	. 598
Appendix A Invitations to Participate	. A1
Appendix B Meeting Agendas and Attendance	. A7
Appendix C Risk Assessment Survey	. A37
Appendix D GIS Data References	. A93



SECTION 1 INTRODUCTION

Natural hazards are naturally occurring events, such as wildfires, floods and earthquakes that can impact humans. When a natural hazard impacts human life and property, it is considered a disaster. Damages from a disaster can range from no impacts to loss of lives, homes and businesses, and other assets a community determines important to their sustained well-being (e.g., hospitals, schools, roads and power lines). The Federal government has acknowledged the risk natural hazards have on our communities and that mitigation-actions taken to reduce the severity of impacts from a natural hazard-can significantly improve the ability of communities to rebound from such events with less loss and injury to human life and property, and at a much lower cost.

To help communities mitigate their risk to natural hazards, the Federal government passed the Stafford Disaster Relief and Emergency Assistance Act of 1988. The act provided the legal authority for the Federal government to provide assistance

to states during declared major disaster and emergencies. Included in the act was grant funding for affected governments to implement long-term hazard mitigation measures. The hazard mitigation section was amended by the Disaster Mitigation Act of 2000 (DMA) to include local governments. The DMA established requirements for local governments to follow to be eligible for certain types of non-emergency disaster assistance, including funding for mitigation projects. In order to be eligible, local communities must submit and update a local hazard mitigation plan every 5 years also referred to as a predisaster mitigation plan (PDMP) or hazard mitigation plan. PDMPs provide a process for identifying cost-effective mitigation policies and actions based on assessments of hazards, vulnerabilities, and risk, and the participation of a wide range of stakeholders and the public. By adopting the PDMP communities can:

- Increase understanding of hazards;
- · Support risk reduction activities;
- Improve resiliency;
- · Eliminates the impact of future events;

- Provides a long-term solution to a problem;
- Offers a cost-effective solution;
- Help avoid repetitive damages from disasters; and
- Build relationships between residents, organization and businesses.

PLAN PURPOSE

The purpose of the 2021 Tooele County Region Pre-Disaster Mitigation Plan is to provide an update to Tooele County (Tooele County) Pre-Disaster Mitigation Plan from 2016 in order to remain in compliance with FEMA Regulations (Section 322 of the DMA). The planning activities will result in a FEMA approved plan update per Part 201 of Title 44 of the Code of the Federal Regulations. This multi-jurisdictional plan update will evaluate the potential impacts, risks and vulnerabilities associated with natural hazards for jurisdictions in Tooele County. The plan will support, identify, describe, and document potential mitigation projects for municipalities and the unincorporated

areas in the county. The suggested actions and plan implementation contained in this document are for local governments to reduce the impact severity of future disasters. This plan will promote sound public policies and projects designed to protect citizens, critical facilities and infrastructure, private property and the natural environment from future natural hazard. This plan will encourage the participation by jurisdictions, the public, tribal groups, state and federal agencies and other private institutions to collect feedback, educate and inform.

PLAN GOALS

The overall goal of this plan is to coordinate with each participating jurisdiction to develop a planning process that will meet the components identified in the Local Mitigation Plan Review Tool provided by FEMA, meet the expectations set by the State of Utah, and address the concerns of local jurisdictions. This effort will be led by Tooele County with technical assistance from the Bear River Association of Governments. Future monitoring, evaluating, updating and implementing will take place as new incidents occur and/or every five years. The PDMP and its strategies will also be incorporated into local planning efforts and plans. The following short- and long-term goals were revised from the 2016 Tooele County PDMP and agreed upon to represent the current and future needs of all municipalities and Native American Reservation lands in Tooele County. These goals form the basis for the development of this plan and the mitigation strategies developed by each jurisdiction. They are shown in order of priority.

Short Term Goals:

- 1. Protect human life before, during and after the occurrence of a natural hazard;
- Prevent loss of life and reduce the impact of damage where they cannot be eliminated;
- 3. Protect emergency response capabilities;
- 4. Improve communication and warning systems;
- 5. Improve emergency medical services and facilities;
- 6. Improve mobile resources;
- 7. Protect critical facilities and infrastructure;
- 8. Maintain government continuity during natural hazards;
- Protect homes, businesses, property, industry, and educational facilities by combining hazard loss reduction with the community's social, economic and environmental needs;
- 10. Protect natural resources and the environment when determining mitigation measures;
- 11. Promote public awareness through education of community hazards and mitigation measures; and

12. Preserve and/or restore natural features that provide mitigation, such as floodplains, riparian areas and other open spaces.

Long Term Goals:

- 13. Eliminate or reduce the long-term risk to current and future human life and property from identified natural and technologic hazards;
- Aid in both the private and public sectors in understanding the risks they may be exposed to and finding mitigation strategies to reduce those risks;
- 15. Avoid risk of exposure to identified hazards;
- Minimization of the impacts of those risks when they cannot be avoided;
- 17. Mitigation of the impacts of damage as a result of identified hazards;
- Accomplish mitigation strategies in such a way that negative environmental impacts are minimized;
- 19. Provide a basis for funding of projects outlined as hazard mitigation strategies;
- 20. Establish a County platform to enable the community to take advantage of shared goals, resources, and the availability of outside resources; and
- 21. Establish a framework and database for the county seat to use to apply for aid.



In the spring of 2020 Tooele County staff began the process of updating their 2016 PDMP. They contracted assistance from the Bear River Association of Governments to update the existing PDMP, including gathering all necessary data, GIS layers, natural hazard information, performing GIS analysis, documenting natural hazards per community and unincorporated counties, determining potential losses, documenting mitigation strategies, and other plan elements according to FEMA Region 8 requirements. Tooele County served as the major point of contact and liaison to all local municipalities and local Native American tribes, scheduled meetings, coordinated with BRAG staff and various stakeholder groups, prepared facilities, assisted in gathering data, and helped in getting the plan adopted by local governments and special service districts.

Tooele County and BRAG worked closely together along with various local, tribal, state, federal and private stakeholders and the public to develop the plan over the next 18 months (see Figure 1.1 on the next page). Meetings and surveys were used to collect feedback and inform participants and natural hazard specialist were consulted throughout the plan development (see Section 2. Planning Process and Participation for a complete review of how the plan was developed).

All municipalities, tribes and unincorporated communities were invited to participate (see Section 2. Planning Process and Participation for a complete list of groups that were invited and participated in the plan). Tribal groups elected not to participate in the plan. This could have been largely due to the COVID-19 pandemic and associated risks. All jurisdictions participated in the plan, including:

Tooele County

Grantsville City, Rush Valley City, Stockton City, Tooele City, Vernon City, and Wendover City. Add applicable Tribes and unincorporated communities.

LOCAL REVIEW AND ADOPTION OF THE PLAN

On September 17th, 2021, a draft of Tooele County PDMP was put on the Tooele County website, located at https://tcem.org/ and a hard copy was made available at the Tooele County office for viewing. After a 30-day public comment period, feedback from communities, the public, county working groups, as well as the Utah Division of Emergency Management were integrated into the plan.

The draft plan was then sent to FEMA Region 8 for review. After revisions to the draft plan were completed, letters were sent to each jurisdiction explaining the benefits of adopting the FEMA-approved plan and encouraging them to adopt it. Blank promulgation forms were sent to chief elected officials for each jurisdiction asking them to adopt the plan and send the completed forms to Tooele County for inclusion as an appendix in the plan. The final plan was made available on the Tooele County website found at https://tcem.org and a hard copy of it was also made available at the Tooele County office for viewing.

To the right is a generalized timeline for the 2021 update of the Tooele County Pre-Disaster Mitigation Plan.



During the 2016 update, the plan and process lacked certain resources, data, maps and staff capabilities. As such the plan had some inconsistencies and lacked a thorough evaluation of the potential impacts, risks and vulnerabilities of natural hazards. Therefore the emphasis of the 2021 PDMP update was not only to improve the resources, data and maps, but to also increase the number of projects in the region. To accomplish this the planning process and plan layout were significantly changed. The risk analysis in particular was improved substantially, provide much more detailed potential loss tables for each participating jurisdiction. Likewise, an online suplimentary online plan was created to compliment this plan document.

Changes to The Planning Process

The planning process was configured to ensure consistent participation throughout the entire process and improved data. To improve the consistency of the process and participation, a timeline was followed, and meeting times and places were set up to be centrally located and at time sensitive to participants' lives. Likewise, with COVID-19 provide challenges for in-person participation, some meetings were held virtually.

Increased Methods of Participation

A variety of formats were used to disseminate information and collect feedback, including: Surveys, web maps, natural hazard experts, and online surveys/workbooks. A risk assessment survey was used to collect community capabilities, and to identify community assets and natural hazards to focus the risk analysis. Google Earth Pro was used to collect feedback about natural hazard and community asset locations. Natural hazard experts from the state were consulted for data and strategies and presented at meetings to educate participants of risk and resources. Risk assessment and mitigation strategy online surveys/workbooks were provided to each jurisdiction to review their community's risk and vulnerabilities

and to develop mitigation strategies. The survey's/workbooks made it possible for representatives to discuss risk, vulnerabilities and actions with their community and elected officials.

Improved Data and Analysis

To improve the risk assessment, spatial and historical data was updated, expanded and created. This data was used for redefining the natural hazards in the region and for completing the GIS exposure analysis and historic occurrence analysis. The improved analyses meant that hazard specific maps and loss tables were created for each jurisdiction.

New Hazards

Avalanche, liquefaction, radon, problem soil and wildlife were added to the natural hazards assessed and mitigated. Avalanche, liquefaction, radon and wildlife were all addressed at the county level because there was no data to map their spatial extent. Instead historical analysis was completed for them. Wildlife was added due to the high volume of wildlife-vehicle collisions. Participants were notified that wildlife was not be eligible for FEMA hazard mitigation grants. Problem soils were added because of their prevalence and availability of spatial data.

CHANGES TO PLAN LAYOUT

The primary goal of updating the layout was to improve the consistency, readability and usability of the plan. This was accomplished by putting the methodology or how tasks were completed in the planning process section. The planning process section included details on how the analysis was completed, how strategies were prioritized and who was invited and participated in the plan. The bulk of the plan was then used to present the results of the risk assessment and updated mitigation strategies.

The risk assessment and mitigation strategies sections were combined so a jurisdiction could find all their risk, vulnerabilities, capabilities and strategies in one location. In addition, a risk summary table was provided for each jurisdiction that provided a quick and simple snapshot of the level of risk in the community based on the probability a natural hazard would occur in the future, and the impacts to population, property, economy and future development if it did occur. A County capability assessment was developed in addition to the jurisdiction specific ones because a lot of the communities are similarly positioned on what and how they can reduce loss.

General County data, including demographics, geographic and physiographic background, climate and geology were removed from the plan. Pieces of that information were included in the natural hazard definitions.

INTEGRATING COMMUNITY WILDFIRE PREPAREDNESS PLANS

Community Wildfire Preparedness Plans (CWPPs) were integrated into the PDMP plan and process as a way to combine resources and increase hazard mitigation efforts. At the beginning of the PDMP process the Central Utah area manager for the Utah Division of the Forestry, Fire and State Lands contacted Tooele County about incorporating the CWPP process and plan into PDMP efforts. Because of the similarities between the two processes and documents, and the high wildfire risk in the area, components of CWPPs were integrated into the plan. The main addition to the PDMP from the CWPPs were the inclusion of wildfire preparedness, response and recovery actions in addition to mitigation. Participants were notified about the integration of the CWPPs and that non-mitigation actions would not be eligible for FEMA hazard mitigation grants. This 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 risk and vulnerabilities to natural hazards. This plan should be used to facilitate inter-jurisdictional coordination and collaboration related to natural hazard mitigation planning and implementation. This 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. See Section 4: Implementation and Plan Maintenance for an overview on FEMA hazard mitigation grants.

The plan is broken into 3 parts with accompanying sections. Part 1 is the plan, which includes sections 1-4. Part 2 is the community section, which includes subsections for each community with associated risk assessments. Part 3 is reference material and other supplementary documents, which is section 11 and appendix A-D.

PART 1: THE PLAN

SECTION 1: INTRODUCTION

Why Plan for Natural Hazards?

The Introduction describes the need to plan for natural hazards, why plan for natural hazards, the plan's purpose and goals, and changes since the last update.

SECTION 2: PLANNING PROCESS AND PARTICIPATION

How was the Plan Developed?

The Planning Process and Participation section is a detailed overview of how the plan was developed, including how natural hazard were defined, how the risk analysis was completed, and how risk was ranked. This section also includes who was invited and participated in the plan, and how the public was used throughout the process. SECTION 3: COUNTY NATURAL HAZARDS, GOALS AND CAPABILITIES

Which Natural Hazard Exist in the Region and What Capabilities Does the Region Have to Address Them?

The County Natural Hazards, Goals and Capabilities section describes the location, extent, previous occurrences and probability of future occurrences natural hazards in the region. It also discusses County goals and capabilities.

Section 4: Implementation and Plan Maintenance

TEXT

How Will the Plan Be Implemented and Maintained?

The Implementation and Plan Maintenance section includes a description of how the plan will be integrated into other planning mechanisms, how the plan will be implemented, how the plan will be maintained, and how continuos public involvement will be sustained.

PART 2: COMMUNITY RESULTS

SECTION 5: COMMUNITY SECTIONS

<u>Which Natural Hazards Affect My</u> <u>Community and What Action Will Be Taken</u> <u>to Reduce Them?</u>

Community Sections include each jurisdiction's risk, vulnerabilities, capabilities and mitigation strategies.

Part 3: Reference Documents

This part includes all supplementary documents that support the main document.

Section 11: References

Appendix A: Invitations to Participate

Appendix B: Meeting Agendas and Attendance

Appendix C: Risk Assessment Survey Results

Appendix D: GIS References

SECTION 2 PLANING PROCESS AND PARTICIPATION

PLANNING PROCESS

The planning process for Tooele County Pre-Disaster Mitigation Plan (PDMP) was adapted from the Local Mitigation Planning Handbook (FEMA, 2013). The planning process followed five major steps: pre-analysis, risk assessment, mitigation strategies, plan development, and implement and maintain plan (see Figure 2.1). The process was developed to be continuous and iterative to allow new information to be integrated into the process over the next five years. Participation by the public and stakeholders were critical to the entire process and was sought during each step of the process. The following sections describe in detail how each step of the process was completed, and is followed by who and how participation in the planning process occurred.

The plan was developed over a 2-year period beinning in the fall of 2018 and ending in the fall of 2020 (see Figure 2.2. on the next page). Due to COVID-19 the planning process was delayed as communities responded to the pandemic. As such the completion date of the plan was pushed back from July to October.

PRE-ANALYSIS

The pre-analysis step was used to establish

the scope of the project, to form an initial understanding of the natural hazards affecting Tooele County, and to understand the issues and opportunities in the region related to natural hazard planning. This was accomplished by reviewing related PDM documents, forming a County Planning Team, and holding the County Kick-Off Meeting.

DOCUMENT REVIEW

The following PDM related documents were reviewed in order to develop the initial Tooele County Region PDM planning process and to develop an preliminary list of natural hazards and community assets in the region:

- Local Mitigation Planning Handbook (FEMA, 2013)
- Pre-Disaster Mitigation 5-Year Plan (Tooele County [Tooele County], 2015)
 Local Mitigation Plan Review Tool (Tooele County, 2015)
- Pre-Disaster Mitigation Plan: Bear River Region, Utah (Bear River Association of Governments [BRAG], 2015)
- 2019 Utah State Hazard Mitigation Plan (Utah Division of Emergency Management [UDEM], 2019)

COUNTY PLANNING TEAM

Once the project scope was established, Tooele County and BRAG staff identified and invited representatives from each county and partnering organization to form the County Planning Team, including county and local elected officials and planners, state and local emergency managers, and state and federal land managers (see Table 1.9 and 1.10 beginning on page 18 for the list of kick-off meeting participants).

COUNTY KICK-OFF MEETING

The County planning team met in at the County kick-off meeting on January 17th, 2019

- Inform them on pre-disaster mitigation planning by State Hazard Mitigation staff
- Help inform Tooele County PDM planning process
- Receive input on the natural hazards and community assets to analyze
- Understand the issues experienced during the 2015 PDMP update
- Identify people and organizations to invite to participate in the County Working Groups

RISK ASSESSMENT

The risk assessment step was used to determine the potential impacts of natural hazards to the people, economy, and built and natural environments of Tooele County, and to provide the factual basis for the mitigation strategies. This included collecting input on the risk assessment, natural hazard research and data collection, and conducting the risk analysis.

RISK ASSESSMENT INPUT

The risk assessment input step was used to gather additional information and comments about which natural hazards and community assets to analyze in the risk assessment as well as to further develop Tooele County PDM planning process. This was completed through county working group risk assessment meetings and a risk assessment survey.

County Working Groups

Based on input from the County planning team, county working groups were formed for each county in the region. These groups were comprised of county and local elected officials, emergency managers, administrators, planners and GIS personnel, school districts, the public, and state and federal land managers that operated in the county (see Table 2.9 on page 18-19 or the list of county working group participants).

Risk Assessment Survey

Once county working groups were formed, a risk assessment survey was sent out (see Appendix C for a copy of the survey results). The survey was used to gain input on what natural hazards and community assets to include in the risk assessment, and what current capabilities (e.g., general plan, municipal codes, zoning etc.) were in place to protect their community from natural hazards.

Risk Assessment Meetings

County working group risk assessment meetings were held between April 23rd and 26th, 2019 at each of the six counties. These meetings were used to inform county working group members and the public about:

- Tooele County PDM planning process
- Wildfire and geologic hazard information by state natural hazard experts
- A review and discussion of the risk
 assessment survey results

Research and Data Collection

After collecting input from the county working groups, natural hazards were researched, and natural hazard and community asset data was collected and organized into maps and tables to prepare for the risk analysis.

Natural Hazards Research

Input from the County planning team, the county working groups, and the risk assessment survey were used to create an updated the list of natural hazards. Next state and federal natural hazard experts were consulted to understand those natural hazards, to find out if any other hazard existed in the region, and where to find data to analyze them. The following natural hazard experts were consulted:

- Utah Geological Survey Geological Hazard Program staff
- Utah Forestry, Fire and State Lands GIS/IT Program Manager and staff
- Utah State University Watershed Science staff

Based on the updated list of natural hazards and the information collected from the natural hazard experts, local and County natural hazard reports, related planning documents, and websites were reviewed to describe each natural hazard, including:

- Community Wildfire Preparedness
 Plans
- FEMA Flood Insurance Studies
- Local and County General Plans
- Utah Geological Survey Reports on faults, flood, landslides, liquefaction and problem soils
- 2019 State of Utah Hazard Mitigation Plan
- PlanningForHazards.com
- MitigateNY.availabs.org

The natural hazard research provided the basis for which natural hazards to include and not to include in the plan. Table 2.1 displays the natural hazards and rationale for included or not included them in the plan. The table also highlights any

natural hazards unique to a jurisdiction.

Data Collection and Organization

After finalizing which natural hazards to include in the plan, the best available natural hazard and community asset data were collected from national, state and local data sources for the risk analysis. Spatial data was organized in the software ArcGIS Pro by Esri, and hazard history data was organized into tables in Microsoft Excel (see Appendix D for a list of GIS data sources).

Community asset data was organized into different categories and mapped (see Table 2.2 on the next page). Community asset maps were created in Google Earth Pro and sent out to each jurisdiction for a final review before conducting the risk analysis. Comments were collected and community asset data were updated accordingly. Due to the sensitivity of some community asset data, their locations were kept out of the plan. Contact Tooele County staff or the county emergency manager to request a copy of their locations.

A historic occurrence table was created to organize the data for the historic analysis. The historic occurrence table displayed when a natural hazard occurred, what caused it to occur, and how destructive it was (see Section 5-10 for each jurisdiction's hazard history). Natural hazard event maps were created for the exposure analysis part of the risk analysis. Event maps were used to display the relative area a natural hazard could impact (see Section 3 to view maps). To provide a robust analysis, some natural hazards had multiple maps to provide additional information. Additionally, some natural hazard event maps were derived from maps that displayed a range of risk or threat. In those cases a range of event criteria were selected to represent the natural hazard event. For example, moderate to high wildfire threat areas were grouped together and considered the wildfire event.

RISK ANALYSIS

The risk analysis was used to describe the natural hazards, analyze the risk to each jurisdiction's community assets, and to summarize each jurisdiction's vulnerability.

Natural Hazard Description

Before analyzing each jurisdiction's risk, natural hazards were defined for the region. Information collected during the data research and collection step was used to define each natural hazard in terms of its location, timing, occurrence and impact.

Location was the geographic area impacted or

potentially impacted by a natural hazard. This was described as <u>area of impact</u> and included:

Isolated: part to an entire community impacted Local: one community to several communities impacted

County: many communities to an entire county impacted

Widespread: multiple counties impacted

<u>Timing</u> was used to measure the temporal characteristics of the natural hazards. This can also be referred to as extent. Duration, speed of onset and seasonal pattern were used to describe the timing of a natural hazard.

<u>Duration</u> was the length of time a natural hazard event lasted and was broken into the following categories:

Seconds: 0 to 59 seconds long Minutes: 1 to 59 minutes long Hours: 1 to 23 hours long Days: 1 to 6 days long Weeks: 1 week to 3 weeks Months: 1 month to 12 months or 1 year Persistent: always occurring

<u>Speed of Onset</u> was the amount of warning time before a natural hazard occurred and was broken into the following categories:

No warning

Seconds: 0 to 59 seconds in advance Minutes: 1 to 59 minutes in advance Hours: 1 to 23 hours in advance Days: 1 to 6 days in advance Weeks: 1 to 3 weeks in advance Months: 1 month to 11 months in advance Years: 1 or more years in advance

<u>Seasonal Pattern</u> was what time of year a natural hazard was most likely to occur. It was describe in terms of seasons:

None
Winter
Spring
Summer
Fall
Year-round

<u>Occurrence</u> was how often a natural hazard has occurred and was described as historical occurrence and probability of future occurrence.

<u>Historical Occurrence</u> was the rate at which a natural hazard occurred during a period of time:

Very low: occurred 100 years or more ago

(1918 or later)

Low: occurred once in the last 50 to 100 years (between 1918 and 1968) Moderate: occurred once in the last 5 to 50 years (between 1968 and 2014) High: occurred once or more in the last 5 years (between 2014-2019)

<u>Probability of Future Occurrence</u> was the likelihood of a natural hazard occurring in the next year and was based on its recorded history. It was calculated as a percentage by dividing the number of years the natural hazard has been tracked by the number of times the natural hazard has occurred. For example: flooding has occurred 15 times since 1919 when recording started. Therefore flooding has a 15% chance of occurring in a given year (15 occurrences/100 years of tracking = 0.15, 0.15 x 100 = 15%).

Very Unlikely: Less than a 1% chance of occurring in the next year Unlikely: Between 1% and 10% chance of occurring in the next year Occasional: Between 11% and 40% chance of occuring in the next year Likely: Between 41% and 80% chance of occurring in the next year Highly Likely: Between 81 and 100% of occurring *Note: probability of occurrence was also used in the jurisdictional risk assessment section and was defined differently than the probability of occurrence definition used above.

Impact was the potential damage as a result of a natural hazard occurring. It was described in terms of severity.

<u>Severity</u> was the relative measure of the damage caused by a natural hazard and included the following categories:

Minor: limited and scattered property damage, limited damage to public infrastructure and essential service not interrupted, limited injuries and/or fatalities

Serious: scattered major property damage, some minor infrastructure damage, essential services are briefly interrupted, some injuries and/or fatalities

Extensive: widespread major property damage, major public infrastructure damage (up to several days for repair), essential services are interrupted from several hours to several days, many injuries and/or fatalities Catastrophic: property and public infrastructure destroyed, essential services stopped, numerous injuries and/or fatalities

Risk Analysis

After defining the natural hazards, a combination of historical and exposure analyses were completed for each jurisdiction. Due to data limitations the following natural hazards only included a historical analysis: avalanche, drought, radon, severe weather, wildlife. The historic analysis was used to predict potential impacts and losses during similar future events by using the historic occurrence table.

Historical and exposure analyses were conducted for dam failure, earthquake, flood, landslide, liquefaction, problem soils, and wildfire natural hazards. The exposure analysis involved identifying which community assets were located in identified natural hazard areas. This was completed in ArcGIS Pro—a GIS analysis software—by overlaying the location of a natural hazard with a jurisdiction's community assets. For jurisdictions that had natural hazards with multiple event maps, the event map with the highest area impacted was used. This way jurisdictions could plan for the worst case scenarios.

The number of community assets that were found in the natural hazard areas were totaled and recorded in a table. Loss estimates were calculated for roads, housing units and businesses based on local estimates (see Table 2.3).

Risk Analysis Summary - Part 1

After analyzing each jurisdiction's risk, community workbooks were created with a map of the natural hazard affecting them, a losses table with community asset impacted, and a section for developing mitigation strategies. This information was included in each jurisdiction's section found in Sections 4-9.

MITIGATION STRATEGIES

The mitigation strategies step was used to identify and prioritize actions to reduce the risk of natural hazards to a jurisdiction. This was completed by holding county-level mitigation strategy meetings, and developing risk analysis summaries.

MITIGATION STRATEGY MEETING

Mitigation strategy meetings were held with each county working group and the public between September 23rd-26th and October 8th-10th, 2019 to:

- Learn how to develop mitigation strategies from FEMA and Utah DEM staff
- Review the risk analysis results and discuss the historical analysis only natural hazards
- Learn how to interpret risk analysis results and develop mitigation strategies
- Provide hard and digital copies of the community workbooks to take back to their communities and discuss

RISK ANALYSIS SUMMARY

Risk summaries were revised for all jurisdictions to include the following information for natural hazards impacting them:

- Natural Hazard Evaluation
- Description of potential losses
- Table of historical occurrences
- Natural hazard event map

- Loss table with loss estimates
- Revised capability assessments

Natural Hazard Evaluation

A natural hazard evaluation was created to help jurisdictions understand their level of risk, and to prioritize and focus their mitigation strategies. Criteria for the evaluation was developed to quantify the risk of a natural hazard to a jurisdiction based on it probability of occurrence, impact to population, property, economy and future development. Scores from 0 to 3 were used to calculate the level of risk. Scores corresponded with values to quantitatively describe the risk.

Probability of Occurrence was the likelihood of a natural hazard event occurring in the next year based on its historical occurrences. The probability of occurrence was determined by dividing the number of events observed by the number of years recorded and multiplying by 100. This provided the percent chance of the event happening in a given year (see Table 2.4). For example, three floods occurred over a 30-year period suggests a 10 percent chance of a flood occurring in any given year. In cases of limited or no documented historical records, professional opinion based on the natural hazard research was used. The probability of occurring in a year coincided with a score and a value.

*Note: probability of occurrence was also used in the natural hazard description section and was defined differently than the probability of occurrence defined above.

Impact to Population was used to measure how much of the population would be impacted by a natural hazard event. Population impact was calculated by taking the number of households impacted by the event and dividing it by the total number of households in a jurisdiction. This was multiplied by 100 to get the percentage impacted. The percentage impacted coincided with a score and value (see Table 2.5).

Impact to Property was used to measure how much property would be impacted by a natural hazard event. Property impact was calculated by taking the acres of land impacted by the event and dividing it by the total acres in a jurisdiction. This was multiplied by 100 to get the percentage impacted. The percentage impacted coincided with a score and value (see Table 2.5).

Impact to Economy was used to measure how much of the economy would be impacted by a natural hazard event. Economic impact was calculated by taking the number of businesses impacted by the event and dividing it by the total number of businesses in a jurisdiction. This was multiplied by 100 to get the percentage impacted. The percentage impacted coincided with a score and value (see Table 2.5).

Impact to Future Development was used to measure the likelihood that a natural hazard event would impact future residents and businesses in the next ten years. Future development impact was estimated by observing the earliest aerial photography of a jurisdiction and visually comparing it with the most recent aerial photography in terms of how many new structures were developed. It was assumed that future development would follow historic development patterns.

A narrative was developed based on how many new structures were developed and where they were developed during the period of time between the aerial photography. Narratives were created using standardized terminology: <u>Where did the growth occur?</u> <u>Edge</u>: new structures were developed outward from the central urban area <u>Infill</u>: new structures were developed within the central urban area <u>Leap frog</u>: new structures were developed outside of the central urban area and edge

How many new structures observed? None: 0 new structures Few: about 1-50 new structures Some: about 50-100 new structures A lot/many: about 100 or more new structures

In addition, exact areas of new structures were also recorded, for example, along Highway 89 or in the southwest quadrant of the jurisdiction. Once narratives were created for each jurisdiction, each natural hazard event map was reviewed with the narrative and a score and value were given based on how much of the future development might be impacted (see Table 2.6).

<u>The final risk value</u> for a natural hazard was calculated by weighting the 4 impact scores, adding them together and multiplying them by the probability of occurrence score. Impact scores were weighted to give more importance or weight to an impact. Population impact was weighted 3, economic impact was weighted 2, and property and future development were weighted 1. New weighted impact scores were calculated by multiplying the impact score by the weight (see Table 2.7).

Weight impact scores were then multiplied by the probability of occurrence so that natural hazards that have occurred more often received higher scores (see Figure 2.2). After multiplying the sum of the 4 weighted impact scores by the probability of occurrence, a final risk value was assigned to the score (see Table 2.8).

Revised Capability Assessments

Capability assessments from the 2015 update were reviewed and updated. Because communities in the region had similar capabilities, a region-wide capability assessment was created (see Section 3). Capabilities unique to a jurisdiction were included in their risk assessment and mitigation strategy section (see section 4-9). The FEMA Capability Assessment Worksheet was used as a guide to update community capabilities.

DEVELOP PLAN

The develop plan step was used to write, review, approve and adopt the plan. This included creating and reviewing the plan, approval from the Utah DEM and FEMA, and adoption by each participating jurisdiction.

CREATE AND REVIEW PLAN

Mitigation strategies were collected, reviewed and revised as a draft of the plan was created. After an internal review, the draft plan was opened to a 30-day review by the public. The County planning team, county work groups and jurisdictions were also given the opportunity to review and submit plan comments.

Comments were collected and an updated draft plan was created before holding county-level plan adoption meetings. The plan adoption meetings were used to:

• Inform jurisdictions on how to apply for funding

- Establish how the plan will be maintained, including:
 - Tracking the progress
 - People and agencies responsible for monitoring, evaluating and updating the plan
 - Methods for continued public involvement
- Collect any additional comments on the plan

UTAH DEM AND FEMA APPROVAL

After a final revision based on the plan adoption meetings, the plan was submitted on August 17th, 2020 to the Utah DEM for review and approval. Based on Utah DEM comments, the plan was updated and then submitted to FEMA for review and approval. Comments from FEMA were integrated into the final plan.

PLAN ADOPTION

Once the plan was approved by the Utah DEM and FEMA it was sent out to each jurisdiction for official approval. The plan is expected to be adopted by participating jurisdictions in the fall of 2021. A copy of all resolutions for adoption will be maintained on file with the Tooele County staff, and each jurisdiction will maintain its own resolution with its records.

IMPLEMENT AND MAINTAIN

Following the adoption, the plan entered into a 5 year period of implementation, monitoring, evaluating and updating. See Section 3: Implementation and Plan Maintenance beginng on page 22 for further details.

PARTICIPATION

A variety of local, county, tribal, County, state and federal stakeholders were invited to participate in the planning process to collect a wide array of knowledge and opinions as well as to inform and educate. The plan relied on 3 levels of stakeholder group participation: the County planning team, the county working groups and the public.

JURISDICTION PARTICIPATION

Tooele County was comprised 6 municipalities and 1 county. All jurisdictions participated in the plan either by attending meetings, responding to surveys or direct communication with the Tooele County planner, including (see Table 2.9 on the next page for how each jurisdiction participated in the process):

Tooele County

Grantsville City, Rush Valley City, Stockton City, Tooele City, Vernon City, and Wendover City. Add applicable Tribes and unincorporated communities.

COUNTY WORKING GROUPS

Tooele County working group were formed for each municipality, including Grantsville, Rush Valley, Stockton, Tooele City, Vernon, and Wendover. Add tribe and other text. The groups consisted of the participating jurisdiction's representative(s), local government staff, county emergency manager, local responders, federal land managers, and any other group interested or invested in the county. County working groups were used to collect feedback, and present information and results (see Appendix B for each meeting's agenda and sign-in sheet). Four county working group meetings were held. A kick-off meeting in ______, mitigation startegy meeting in April 2019, a risk assessment meeting in September and October of 2019, and a plan review and adoption meeting in August of 2020.

OTHER INVITEES

To ensure a robust participation in the planning process, county and local emergency managers, emergency responders, planning staff, zoning and building adminstrative staff, GIS staff, County health department staff, universities and school district leaders, and federal and state land managers were invited (see Table 2.10 on pages 20-21). In addition, County governments from around the state, neighboring counties and states, and other natural agencies involved in natural hazard activies were invited to participate.

PUBLIC PARTICIPATION

The general public was also invited to participate throughout the planning process, and to review the draft through announcements in the newspaper and the Tooele County website. Comments were submitted to Tooele County staff for integration into the planning process and final plan.

Newspaper Announcement

A newspaper anncounement inviting the public to participate in the planning process was posted in late September of 2019. Announcements were posted in the local newspaper (see Appendix A for a copy of the newspaper announcment.).

Website Announcement

An announcement was posted on the main page of the Tooele County website throught the entire update process as well as the State of Utah public meetings website. The announcement stated the purpose of the plan, invited people to participate, and provided contact information for more information (see Appendix A for a copy of the announcement).

Invitation to Comment on Draft

On September 17, 2021 the draft of Tooele County PDMP was put on the Tooele County website, located at https://tcem.org/ and a hard copy was made available at the Tooele County office for the public to review and comment on the draft. Comments were provided to BRAG staff for inclusion in plan.

After the 30-day public comment period, feedback from communities, the public, county working groups, as well as the Utah Division of Emergency Management were integrated into the plan.



SECTION S IMPLEMENTATION AND PLAN MAINTENANCE

The following section provides a description of how mitigation strategies will be implemented by participating jurisdictions, how the plan will be maintained, including plan monitoring, evaluation and updating, and how the public will continue to be involved in the pre-disaster mitigation planning process over the next 5 years.

IMPLEMENTATION

Strategies developed by participating jurisdictions may be implemented at the discretion of each jurisdiction, and opportunities for cross-jurisdictional collaboration are also encouraged.

Funding will be the critical factor impacting the implementation of mitigation strategies. Lowcost strategies or those with existing funding through local Capital Improvement Programs or other funding sources offer opportunities for jurisdictions to make immediate progress towards reducing their risk. Projects requiring significant funding or additional planning, may be accomplished through strong local and County support. The various FEMA hazard mitigation programs along with other funding sources can be leveraged together to complete any level of mitigation actions (see Integration with Existing Plans below). Jurisdictions are encourage to coordinate with Tooele County, Utah Department of Emergency Management, and FEMA to develop grant projects.

Each action has been assigned to a specific person or local government office that is responsible for implementing that action. Since each jurisdiction has specific mitigation actions that will be implemented, they have adopted their locally specific Community of the plan separately. Jurisdictions may update their specific section of the plan by submitting it to the Planning and Community Development staff at Tooele County. A review will be conducted by the Tooele County staff. Upon their approval, the jurisdiction can then readopt the amended plan. Any changes to data, maps, actions, priorities, etc. are welcomed throughout the next 5-years.

Funding Sources

In addition to the various FEMA hazard mitigation grants that communities are eligible to apply for (visit https://www.fema.gov/grants/ mitigation for more information) there are other funding sources that communities can use independent of the FEMA grants or in addition to the grants. Communities are encouraged to contact Tooele County staff for additional grant sources and resources. In addition, the Utah Rural Coordinating Council provides an extensive inventory of rural resources and assistance opportunities (visit sites.google. com/utah.gov/rural/resources).

Integration with Existing Plans

It will be the responsibility of each participating jurisdiction to determine additional implementation procedures. This includes integrating the plan into other planning documents where appropriate. It is encouraged that jurisdictions integrate their mitigation strategies into existing planning documents, including, but not limited to:

- General Plan
- Land Use Ordinances and/or Zoning codes
- Subdivision Ordinances
- · Capital Improvement Plans
- Economic Development Plans
- Stormwater Management Plans
- Floodplain Management Plans
- Natural resource protection plans
- Wildfire protection plans
- Emergency Operation Plans
- Parks and Open Space Plans

PLAN MAINTENANCE

Plan Monitoring

The implementation of the plan will be tracked annually approximately 2 to 3 months before the hazard mitigation grant applications are due. During this time, Tooele County staff will survey the progress of all jurisdictions towards completion of mitigation actions, including which actions have been completed, any obstacles or impediments to implementing actions, any actions that are no longer feasible, and any other comments from them on the plan and their progress. Staff will provide a summary of completed strategies and community comments to the Tooele County Commissioners for review. The commission will make recommendations based on the review as to changes in monitoring and/or updating the plan.

Plan Evaluation

The plan will be evaluated on an ongoing basis by the Tooele County staff, with a formal review taking place once a year, in conjunction with the annual plan monitoring review. The formal evaluation will include a review of:

- Natural hazard event that has occurred in the past year and if any action is needed in communities impacted
- Mitigation actions that have been implemented
- Identify any mitigation actions to prioritize for the next year
- Identify communities needing assistance in implementing and/or applying for funding
- Update any changes to funding options and planning policies related to the PDMP process and grants
- Any significant new data or maps that affects the accuracy of the analysis or information in the plan
- Any staff or elected official turnover

Plan Update

The plan will be updated by Tooele County staff, contingent upon receiving funding for the planning effort. This effort will take place towards the end of the five year period to ensure that the plan remains compliant with state and federal regulations. In addition, continual data gathering based upon ongoing activities that closely align with other Tooele County programs will take place and be applied to the updated plan.

Tooele County staff will work with individual communities and counties throughout to ensure all hazard mitigation grant applications are pursued based on approved strategies from the plan. If a community needs to change or add mitigation strategies or any other amendment to their community section, they will have to submit changes to Tooele County, County Council for review and approval.

CONTINUED PUBLIC INVOLVEMENT

Throughout the next 5 years the public will be continuously notified of plan updates and be invited to participate in reviews of the plan evaluation, monitoring and updating. In addition, Tooele County will encourage communities to continue to educate and inform residents about natural hazard mitigation.

Annually, a presentation based on the plan monitoring and evaluation will be given to the public at an appropriate Tooele County commission meeting. Public comments will be solicited through area newspapers and the Tooele County website. The public will be able to submit comments in-person, over the phone, via e-mail or written response. The public will be encouraged to provide feedback at any time throughout the 5 year period on the Tooele County website, which will also host the most up-to-date version of the plan. Any new updates to the plan will also be announced through their website. A hard copy will also be available at their Tooele City office.

As mitigation actions become implemented, interesting and inspiring projects will be highlighted through various public and elected official notifications, such as the Tooele County website, the Utah Community Development Office newsletter, the American Planning Association Utah Chapter newsletter, local newspapers, and other public interfacing websites and newsletters. In addition, as tools and other resources become available they will also be advertised by Tooele County via newsletters, e-mail and website posting. In particular, a natural hazard viewer is being developed for the State of Utah for public viewing. Residents and officials will be notified once this invaluable tool is released.




SECTION 4 COUNTY HAZARDS, GOALS AND CAPABILITIES

INTRODUCTION

The county natural hazards, goals and capabilities section provides a definition of each natural hazard analyzed in this plan, a list of shared county goals, and a description of county and local capabilities.

COUNTY NATURAL HAZARDS

Tooele County contains 16 hazards, identified in this plan, that impact at varying degrees all of cities and town within the area. The following county natural hazard definitions are intended to provide a basic understanding of how they occur, where they occur, when they occur, how often they occur, and their impacts on the people, property and natural environment in the region (see page xx for a description of the parameter used to define the hazards). Maps of the natural hazards and historic occurrence were also included along with their source, event criteria, and limitations. Due to data limitations, avalanche, severe weather and wildlife have only historic occurrences, and drought and radon have no maps.

Map Disclaimer

Maps created for the Tooele County Pre-Disaster Mitigation Plan are provided "as is." The Bear River Association of Governments (BRAG) and the Tooele County assume no responsibility for errors or omissions. Users of these maps and data assume the entire risk associated with their use. BRAG and Tooele County shall not be held liable for any use or misuse of the maps and data described and/ or contained herein. These maps and data are provided for informational purposes only and were not prepared for, or may not be suitable for legal, engineering, or surveying purposes. Users of this information should consult the primary data and information sources to ascertain the usability of the information (see Appendix D for GIS references).





ALLUVIAL FANS AVALANCHE CLIMATE CHANGE DAM INUNDATION DEBRIS FLOW DROUGHT **EARTHQUAKE EROSION** FLOOD LANDSLIDE **PROBLEM SOILS** RADON **SEVERE WEATHER STEEP SLOPE** WILDFIRE WILDLIFE/AUTO

ALLUVIAL FANS

DESCRIPTION

"An alluvial fan is a fan-shaped area where silt, sand, gravel, boulders, and woody debris are deposited by rivers and streams over a long period of time. Alluvial fans are created as flowing water interacts with mountains, hills, or steep canyon walls. Sediment and debris can be deposited over time by powerful rivers or small creeks. The top, or narrow point, of the alluvial fan is called the "apex," and the wider portion is called the "apron" or "cone." Alluvial fans can be small or large, depending on the historical water flows." (https://slco.org/conte ntassets/908d08705b834358a5261a60a0aab 9f2/neffs_sheet2.pdf)

Alluvial Fan Hazard in Tooele County

Mapping of alluvial fans in Tooele County is limited. The majority of identified alluvial fans are present in the foothills of the Oquirrh Range on the eastern side of the county. As this study is being conducted efforts are being made to map alluvial fans south and west of the Granstville area. Initial findings indicate that alluvian fan formation is persistant to the southwest. These formation likely contribute to ground water flooding events within Grantsville City.

TOOELE COUNTY GOALS

Alluvial fans play an impoprtant role in the hydrolilc cyle. Watershed functionallity within the ocunty rely on alluvial fans to distribute flood water energies dunring storm events, and distribute water runoff into Aquifers for long term storage.

County Goals for alluvial fams are:

- Avoid residential, commerial and industrial development within identified alluvial fans.
- Seek alternative uses for alluvial fans with reduced negetive impact on flood hazard and water qualiy.



HAZARD PROFILE

Location	
Area of Impact	Drainage Basins and Foothills
Timing	
Duration	Single event to long term damage to aquifer system
Speed of Onset	Moderate
Seasonal Pattern	annual

Occurrence

Frequency	Geologic Formation
Probability of Future Occurrence	High

Impact

Severity

Sevier

RELATED HAZARDS

Flood Events

Planning Resources

UTAH GEOSPATIAL RESOURCE CENTER UGRC: https://gis.utah.gov/data/geoscience/alluvial-fans/

> AVALANCHE HAZARD INFORMATION: https://utahavalanchecenter.org/

AVALANCHE

DESCRIPTION

An avalanche is a rapid flow of snow down a hill or mountainside. They can occur when stress from gravity pulling snow downhill exceeds the strength of the snow cover.

AVALANCHE TYPES

Gliding

Gliding avalanches occurs when the entire snowpack slowly slides as a unit over the ground. This can occur with wet, moist, or almost entirely dry snow usually on steep slopes (around 40° or greater) with relatively smooth ground surface.

<u>Slab</u>

Slab avalanches occur when a slab of snow on the surface detaches from a weaker snow layer underneath. The slab layer becomes heavier than the weaker under layer of snow either because the slab layer becomes wet and heavy from quickly warming conditions, or hard and heavy over time due to wind drifts or old, hardened layer of snow.

Loose

Loose avalanches occur when dry, uncompacted snow releases from a point, and spreads out downhill collecting more snow, forming a fan shape.



AVALANCHES IN TOOELE COUNTY

Avalanches generally occur between a slope of 35° and 45°, above timberline, and away from prevailing winds. In the Tooele County avalanch deaths have been realativly rare. Most deaths are backcountry recreationist between the months of November and April. As the popularity of backcountry recreation increases so to will risk in Tooele County.

TOOELE COUNTY GOALS

 Coordinate with local and federal organizations to make avalanche safaty information and resources available to recreators in the county.





Avalanch Terrain

Miles 0 10 20

HAZARD PROFILE

Location		
Area of Impact	Isolated	
Timing		
Duration	Seconds to minutes	
Speed of Onset	Seconds	
Seasonal Pattern	Late fall through spring	

Occurrence

Frequency	High
Probability of Future Occurrence	High

Impact

Severity

Minor

RELATED HAZARDS

Earthquakes can trigger an avalanche

Planning Resources

UTAH AVALANCHE CONDITIONS: https://utahavalanchecenter.org/

AVALANCHE HAZARD INFORMATION: https://utahavalanchecenter.org/

CLIMATE CHANGE

DESCRIPTION

Climate change is a long-term shift in climate patterns. For the purposes of this plan, climate change refers to the rise in global temperatures which affects local weather variations. Although not considered a natural hazard on its own in this plan, rising temperatures affect and amplify the location, timing, occurrence and impacts of most natural hazards (National Academy of Sciences, Engineering, and Medicine, 2016). Impacts from climate change include:

- Prolonged drought
- Increased flooding and erosion
- More extreme weather events (heat, cold)
- Longer growing season
- Shifts in the water cycle with less winter precipitation falling as snow
- Snowmelt and rainwater runoff occurring earlier
- · Larger and more severe wildfires
- Less resilient ecosystems

CLIMATE CHANGE IN TOOELE COUNTY

Tooele County is located within the basin and range region. This area is characterized by arid and semi-arid climates. Prolong drought and shifting weather patterns are likely to become an more common occurnece in this region as the effects of climate change become more pronounced. This will put stress on water resources, agriculture, tourism and communities.

In the basin and range where snow packs are projected to decrease as warmer temperatures occur. According to U.S. Forest Service research (2008) the result for water resources are increased winter flows, reduced and earlier spring peaks, and reduced summer and fall flows. Agriculture will likely grow better due to a longer growing season if water supplies are sufficient.

TOOELE COUNTY GOALS

- Encourage wise wateruse practices in residential, commercial and industrial applications.
 - Integrate water quality and quantity planning into general plan documentation
- Reduce county emissions by prioritizing transit oriented development patterns









HAZARD PROFILE

Location	
Area of Impact	Widespread
Timing	
Duration	Persistent
Speed of Onset	Years
Seasonal Pattern	Year-round

Occurrence

Frequency	High
Probability of Future Occurrence	Highly Likely

Impact

Severity

Minor to catastrophic

Related Hazards

See climate change description

Planning Resources

MEASURING CLIMATE CHANGE: https://www.noaa.gov/education/resourcecollections/climate/climate-data-monitoring

PLANNING FOR CLIMATE CHANGE https://toolkit.climate.gov/topics/ built-environment/planning-and-land-use

DAM INUNDATION

DESCRIPTION

A dam failure is the sudden, rapid and uncontrolled release of impounded water, causing downstream flash flooding. Dams can fail for one or more of the following reasons:

- Overtopping caused by floods that exceed the capacity of the dam
- Deliberate acts of sabotage
- Structural failure of materials used in dam construction
- Movement and/or failure of the foundation supporting the dam
- Settlement and cracking of concrete or embankment dams
- Piping and internal erosion of soil in embankment dams
- Inadequate maintenance and upkeep

DAM FAILURE IN TOOELE COUNTY

Dam failure is not a common hazard in Tooele County. Currently there are 2 high hazard dams in the County and 5 moderate hazard dams (see the next page). High hazard dams are defined as a dam whose failure will cause loss of human life and significant property destruction.

Most dams in the county are owned and operated by private canal and irrigation companies. Dam owners are responsible for the upkeep and are also primarily responsible when dams fail and cause environmental, economic, and personal damage.

TOOELE COUNTY GOALS

• Promote the regular inspection and maintainance of all dams within the region.





Flood_Dam Inundation



HAZARD PROFILE

Location Area of Impact

Isolated to local

Timing

Duration	Hours to weeks
Speed of Onset	No warning to hours
Seasonal Pattern	Any time of year, but is more likely to occur in spring when the snow melts

Occurrence

Frequency	Low
Probability of Future Occurrence	Low: 1-2% chance per year

Impact

Severity

Minor

Related Hazards

Earthquake can trigger a dam failure Severe Weather can increase likelihood of a dam failure Flooding can result from a dam failure

Planning Resources UTAH DAM CONDITIONS:

UTAH DAM CONDITIONS: https://waterrights.utah.gov/daminfo/

DAM FAILURE HAZARD INFORMATION: https://www.fema.gov/why-dams-fail

DEBRIS FLOW

DESCRIPTION

"Debris flows and related sediment flows are fastmoving, flow-type landslides composed of a slurry of rock, mud, organic matter, and water that move down drainage-basin channels onto alluvial fans. Debris flows generally initiate on steep slopes or in channels by the addition of water from intense rainfall or rapid snowmelt and often occur after wildland fires." (https://geology.utah.gov/hazards/ landslides/debris-flows/)

DEBRIS FLOW N TOOELE COUNTY

Debris flow potential in Tooele County has yet to be extensively maped. The mapped areas shown on the fallowing page identify darainage areas associated with mountain ranges in the eastern parts of the county. These areas should not be considered a full extent of areas where debis flows might occur.

The mapped areas better describe areas from which debris flows might eminate, actuall debris flow events would be expected to follow typical flood channels.

Debris flow events are exasterbated by other types of hazard events in the area such as wildfire, landslide, earthquake, and flood. Large scale disturbances to the landscape, especially at higher eleveations, can be strong indicattors of increased potential for debris flow hazard.

TOOELE COUNTY GOALS

 Work with land owners to stabalize banks of streambeds throught the county



Debris Flow

0 10 20 A

HAZARD PROFILE

Location		
Area of Impact	Isolated to local	
Timing		
Duration	Hours to weeks	
Speed of Onset	No warning to hours	
Seasonal Pattern	Any time of year, but is more likely to occur in spring when the snow melts	

Occurrence

Frequency	Low
Probability of Future Occurrence	low

Impact

Severity Mino

Minor to Severe

Related Hazards

Earthquake can trigger Severe Weather can increase likelihood Flooding can increase likelihood

Planning Resources

DROUGHT

DESCRIPTION

A drought is a prolonged period of unusually dry weather that causes decreased water supply to surface and subsurface sources. While droughts occur naturally, they can be exacerbated by how humans use and managed water. Cause of drought range from natural to human factors, including:

- Fluctuating ocean and land temperature, especially warming temperatures leading to evaporation and severe weather conditions
- Air circulation and weather patterns
- Reduced soil moisture
- Demand and management of water
- Climate change
- Deforestation and soil degradation

The Palmer Drought Severity Index (PDSI) is used to measure drought by three categories: moderate, severe and extreme.

Moderate Drought

- Some damage to crops, pastures;
- Streams, reservoirs, or wells low, some water shortages developing or imminent;
- Voluntary water-use restrictions requested

Severe Drought

- Crop or pasture losses likely;
- Water shortages common;

Water restrictions imposed

Extreme Drought

- Major crop/pasture losses;
- Widespread water shortages or restrictions

DROUGHT IN TOOELE COUNTY

Drought is one of the more common hazards affecting Tooele County. Drought impacts water related sectors, such as agriculture and municipal water supplies, recreation, tourism, vegetation, and wildlife.

Based on the Palmer Drought Severity Index (2000-2019), the Region has experienced multi-year droughts in 2002-2004 and 2012-2016. The latest year long drought occurred in 2018, and the Region is currently (January 2020) experiencing a moderate to severe drought since October 2019.

TOOELE COUNTY GOALS

- Encourage wise wateruse practices in residential, commercial and industrial applications.
- Integrate water quality and quantity planning into general plan documentation







		J Miles	N
0	10	20	

HAZARD PROFILE

Location		
Area of Impact	Widespread	
Timing		
Duration	Weeks to years	
Speed of Onset	Weeks to months	
Seasonal Pattern	Anytime of year, but peaks during the fall around October	

Occurrence

Frequency	High
Probability of Future Occurrence	High: 70% chance per year

Impact

Severity

Minor to serious

Related Hazards

Problem Soils can result from drought Severe Weather can increase the chance of drought Wildfires can result from drought

Planning Resources

UTAH DROUGHT CONDITIONS: https://droughtmonitor.unl.edu/

HOW TO PLAN FOR DROUGHT https://drought.unl.edu/droughtplanning/

DROUGHT HAZARD INFORMATION: https://drought.unl.edu/

EARTHQUAKE

DESCRIPTION

An earthquake is the vibrations or shaking that occurs after large blocks of the earth's crust move against each other along a fault or by volcanic activity. Earthquakes are described in terms of magnitude and intensity:

Richter Scale (magnitude)

 Measures the total energy released by an earthquake

Modified Mercalli Intensity Scale (intensity)

• Measures the effects of an earthquake at a particular area

EARTHQUAKE IN TOOELE COUNTY

Tooele County is located in the Intermountain Seismic Belt; an area stretching from Canada through central Utah that is characterized by frequent earthquake activity. Although earthquakes generally occur in mountainous regions, their impacts can be experienced throughout the entire County. The County has experienced over 7 earthquakes ranging from 3.0 to 4.8 magnitude on the Richter Magnitude Scale.

All quartinary faults in the region were mapped and 1,500' buffer was applied to the fault to imply a fault damage zone. Significant faults within the county include:

- Oquirrh fault zone
- Southern Oquirrh Mountains fault zone
- Skull Valley (Mid-valley) faults
- South Mountain Marginal fault

Liquifaction potential was also collected in order to identify further earthquake hazard risk potential. Liquifaction areas have only been mapped in the northeastern section of the county and show significant liquifaction potential in soils approaching the shoreline of the Great Salt Lake.

TOOELE COUNTY GOALS





Earthquake

Miles 10 20

HAZARD PROFILE

Location

Area of Impact Local to widespread

Timing

<u>i i i i i i i i i i i i i i i i i i i </u>	
Duration	Minutes
Speed of Onset	No warning
Seasonal Pattern	None

Occurrence

Frequency	Moderate
Probability of Future Occurrence	High

Impact

Severity

Limited to catastrophic

Related Hazards

Avalanches can be triggered by an earthquake Dam Failure and Flooding can result from an earthquake Landslides can be triggered by an earthquake Liquefaction can result from an earthquake Wildfires can result from the damaged caused by an earthquake

Planning Resources

UTAH EARTHQUAKE CONDITIONS: https://quake.utah.edu

EARTHQUAKE HAZARD INFORMATION: https://geology.utah.gov/hazards/earthquakes/

EROSION

DESCRIPTION

"Subsurface erosion of soil or rock by groundwater flow that forms narrow voids. Piping can remove support of overlying soil and rock, resulting in collapse. This internal erosion of soil can lead to failure of the structure and to sinkhole formation as voids within the soil cause the progressive development of internal erosion by seepage appear downstream as a hole discharging water. Piping and erosion can cause AC and PCC pavement failure, severe building and infrastructure distress and differential movement and canals and other gravity flow utilities to fail." (https://site.utah.gov/ dps-emergency/wp-content/uploads/ sites/18/2019/02/8-Geologic-Hazards.pdf)

EROSION IN TOOELE COUNTY

Erosion potential is pervasivive throught the county. The majority of mapped erosion hazard occures at higher elevation sloped terrain within and arround the counties mountian ranges.

Erosion hazard is multiplied be distrubance events in the landscape. These can be caused by natural events such as wildfires or by construction of roads and development of homes and industrial facilites.

TOOELE COUNTY GOALS

 Coordinate with local and federal entities to revegitate distirbed sites





Erosion

10 20

HAZARD PROFILE

Location	
Area of Impact	Isolated
Timing	
Duration	Seconds to minutes
Speed of Onset	Seconds
Seasonal Pattern	Late fall through spring

Occurrence

Frequency	High
Probability of Future Occurrence	High

Impact

Severity

Minor

RELATED HAZARDS

Wildfire Landslide

Planning Resources

UTAH AVALANCHE CONDITIONS: https://utahavalanchecenter.org/

AVALANCHE HAZARD INFORMATION: https://utahavalanchecenter.org/

FLOOD

DESCRIPTION

A flood is the partial or complete inundation of normally dry land from either:

- Overflow of stream banks;
- The unusual and rapid accumulation of runoff of surface waters from any source; or
- Mudflows or the sudden collapse of shoreline land

Flooding occurs when the flow of water in a stream is above its normal carrying capacity or accumulates faster than the ground can absorb it. The severity of a flood event depends on several factors, including precipitation (rain and/or snow) and weather patterns, stream basin topography and physiography, stormwater conveyance, soil moisture, and the amount of bare earth and/or impervious surfaces.

TYPES OF FLOODS

Flash Flood

Flash floods occurs when runoff from excessive rainfall causes a rapid rise in the water height (stage) or a stream or normallydry channel. Causes of flash floods include dam failure, heavy rain, and ice or debris jams.

River Flood

River floods occur when runoff from longerlasting rainstorms or snow melt cause a slow water-level rise over a large area. Causes of river floods include precipitation and snowmelt.

FLOODS IN TOOELE COUNTY

Flooding occurs annually in Tooele County, especially during the spring runoff when snow melts off the mountains. The most prone flood prone areas include valley bottoms along streams (floodplains) and canyons.

Landscape elements with a direct relationship to flooding have been included in the flood areas of this plan. Riparian and Wetland ecosystems arre dependent on seasonal and intermitent flooding. Their presence indicates that these ares are likely flooded at some intervule allowing fhe fauna of these ecosystems to persist.

TOOELE COUNTY GOALS

Work with Federal and local athourities to improve flood mapping in the region.







Flood_Dam Inundation Flood_Great Salt Lake Flooding Flood_Valley Bottom Flood_Soils Flood_FEMA 100 year floodplain Flood_Riparian/Wetland

HAZARD PROFILE

Area of Impact

Isolated to widespread

Timing

Duration	Hours to weeks
Speed of Onset	Hours
Seasonal Pattern	Spring during the snowmelt, and summer/ fall from burn scars

Occurrence

Frequency	High
Probability of Future Occurrence	High

Impact

Severity Minor to extensive

Related Hazards

Earthquakes can cause a dam failure leading to a flood Severe Weather can increase the chance of a flood Wildfires can create conditions (burn scars) that increase an areas susceptibility to a flood (debris flow)

Planning Resources

UTAH FLOOD FORECAST: https://www.cbrfc.noaa.gov/

LAND USE PLANNING FOR FLOODS: https://floodresilience.net/how-can-land-useplanning-help-to-reduce-flooding

LANDSLIDE

DESCRIPTION

A landslide is the downward and outward movement of slopes composed of rock, soils, and/or debris. Landslides include rock falls mud flows, and debris flows. Landslides occur when the resisting forces that hold the earth decrease or the driving forces that facilitate its movement increase. Conditions that increase landslide susceptibility:

- Strong geologic units overlying weak geologic units
- Orientations of dip slope or bedding planes that dip out of slope.
- Additional weight to the top of a slide, such as rain; snow; adjacent landslides; mine waste piles; buildings; leaks from pipes, sewers, canals; and construction or fill materials
- Ground shaking from earthquakes or mechanical vibrations
- Human activities, such as cut and fill practices, quarries, mine pits, road cuts, and rapid lowering of reservoirs.
- Removal of underlying support, including undercutting of river banks
- Increase in pore water pressure consistent with snow melt, rain, and irrigation

LANDSLIDES IN TOOELE COUNTY

Landslides occur naturally acrossTooele

County on a continuous basis, and can also be triggered by human actions, such as mining and land development. Landslides generally occur in the mountainous parts of the county where there are steep slopes.

TOOELE COUNTY GOALS

 Limit development in areas with slop and soil conditions that create landslide risk





Landslide

10 20 Niles

HAZARD PROFILE

Location		
Area of Impact	Isolated	
Timing		
Duration	Hours to weeks	
Speed of Onset	No warning to hours	
Seasonal Pattern	Spring through fall	

Occurrence

Frequency	Low
Probability of Future Occurrence	Low

Impact

Severity

Minor to serious

RELATED HAZARDS

Flood/Severe Weather can cause a landslide Wildfires can create conditions (burn scars) that increase an areas susceptibility to a landslide/ debris flow

Planning Resources

LANDSLIDE PREPAREDNESS INFORMATION: https://www.ready.gov/landslides-debris-flow

LANDSLIDE HAZARD INFORMATION: https://geology.utah.gov/hazards/landslides/

PROBLEM SOILS

DESCRIPTION

Problem soils are a group of hazards related to the specific properties of soils, and include:

- Collapsible soil: Soils that have considerable strength when in a day, natural state, but significantly settle due to hydrocompaction (reduction of air space within the soil) when wetted;
- Expansive soil: Soils with high clay content that swell when wet and shrink when dried. They result from seas or lake hundreds of thousands to millions of years ago. Often causes cracked foundations and road surfaces, and failure of wastewater disposal systems;
- Subsidence: The sinking of the ground caused by groundwater depletion and/ or underground mine subsidence or collapse; and
- Erosion: Often initiated by water or wind, is the removal and transportation of earth material from one location to another.

Problem soils can cause extensive damage to structures and foundations, and may also damage pavements after construction. They have caused an undetermined, but very significant amount of infrastructure damage and resulting economic impact.

PROBLEM SOILS IN TOOELE COUNTY

Problem soils are widespread throughout Tooele County. Weather, topography and hydrology greatly influence the extent and severity. Generally, problem soils can be found in these areas:

Expansive soil: Because most of the Region was submerged by ancient Lake Bonneville, expansive soils can be found throughout the county.

<u>Collapsible soil</u>: Occur where loose, unconsolidated soil are deposited, such as canyon mouths (alluvium), the foot of steeps slopes (colluvium), landslide deposits, or clay-rich bedrock, such as shale or mudstone. Generally collapsible soils can be found near foothills and canyon mouths throughout the Region.

<u>Subsidence</u>: Occurs in areas where groundwater has been depleted and have unconsolidated aquifer systems.

TOOELE COUNTY GOALS

 Discourage development within problem soil areas







Problem Engineering Soils

HAZARD PROFILE

Location	

Area of Impact	Widespread
<u>Fiming</u>	
Duration	Hours to weeks
Speed of Onset	Hours to days

Seasonal Pattern Any time of year following wet/dry events

<u>Occurrence</u>

Frequency	Persistent
Probability of Future Occurrence	High

Impact

Severity

Minor to serious

RELATED HAZARDS

Earthquake can trigger liquefaction Drought can cause soils to shrink or sink Flood can cause soils to swell or compact

Planning Resources

UTAH PROBLEM SOIL CONDITIONS: https://geology.utah.gov/hazards/problem-soils/

PROBLEM SOIL HAZARD INFORMATION AND MITIGATION ACTIONS: https://www.nrcs.usda.gov/Internet/FSE_ DOCUMENTS/16/nrcs143_019308.pdf

RADON

DESCRIPTION

Radon is an ordorless, tasteless, and clear radioactive gas resulting from the natural decay of uranium that is found in nearly all rocks and soil. When concentrated in areas, such as buildings, it can lead to lung cancer. It is the most fatal of all Utah's hazards (Utah Division of Emergency Management, 2019). Radon gas is easily dissolved in water and is released into the air during water use and movement. High levels of radon are not common in Utah's public-water supplies, but may be present in well water.

RADON IN TOOELE COUNTY

In Tooele County, outdoor radon levels rarely reach dangerous concentrations because air movement scatters radon into the atmosphere. However, dangerous outdoor radon levels are often encountered near uranium ore processing waste piles, mine openings, and related operations, such as the Tintic Mining District.

Radon is a hazard in buildings because the gas collects in enclosed spaces. Building conditions that can contribute to high indoor

radon levels, include:

- Structures built on or near groundwater that contains sufficient uranium;
- Underlying soil that allows easy movement of radon;
- Porous building materials, cracks, and/ or other openings below the ground surface that allow radon from soil to enter the building; or
- Lower air pressure inside than in the soil around a building foundation

The best way to identify radon is through short-term or long-term testing administered through the Utah Department of Environmental Quality: https://deq.utah.gov/wastemanagement-and-radiation-control/radon/ radon-program

TOOELE COUNTY GOALS

Promote Radon testing throught the ocunty

HAZARD PROFILE

Location

Area of Impact	Isolated
Timing	
Duration	Persistent
Speed of Onset	Years
Seasonal Pattern	Year round, higher in winter

Occurrence

Frequency	High
Probability of Future Occurrence	High

Impact

Severity Minor to serious

Planning Resources

CENTRAL UTAH HEALTH DEPT. RADON INFORMATION: https://www.centralutahpublichealth.com/radon_ testing.html

RADON TESTING IN UTAH:

https://deq.utah.gov/waste-management-andradiation-control/radon/radon-program

RADON HAZARD INFORMATION:

https://geology.utah.gov/hazards/problem-soils/ radon/#tab-id-3



Description: This map displays areas by the percentage of it with radon home test results greater than or equal to 4 pCi/L, which is considered unsafe levels (Utah DEQ, 2019).

Limitations: Data does NOT identify areas with high radon levels. Radon can vary site to site.



SEVERE WEATHER

DESCRIPTION

Severe weather is considered any weathercaused hazard event, such as extreme cold, extreme heat, hail, lightning, tornado, wind, and winter storms. Because of their relative unpredictably, these events are classified and addressed together.

- <u>Extreme cold</u>: An event characterized by temperatures at or below freezing for an extended period of time
- <u>Extreme heat</u>: Weather that is substantially hotter and/or more humid than the average for a location at that time of year
- <u>Hail</u>: Precipitation in the form of irregular pellet- or ball-size ice which occurs when strong, rising currents of air within a storm carry water droplets to a height where they freeze. As ice particles grown in size, they become too heavy to be supported and fall to the ground
- <u>Lightning</u>: A visible electrical discharge produced by a thunderstorm
- <u>Wind</u>:
 - <u>High winds</u>: Sustained wind speeds of 40 mph or greater and lasting one hour or long, or winds 58 mph or greater for any duration
 - <u>Tornados</u>: A funnel-shaped violent rotating column of air

generated by thunderstorms

- <u>Thunderstorms</u>: An event characterized by the presence of lightning and thunder that it usually accompanied by strong winds, heavy rain, and hail, or sometimes no precipitation at all
- <u>Winter Storm</u>: A prolonged snow or ice event that is classified by the amount of snow or ice, temperature, wind and event duration. It can include:
 - <u>Heavy snow</u>: 4 or more inches of snow in 12 hours or less)
 - <u>Blizzard</u>: Low temperatures, wind gusts above 35 mph, snow and/or blowing snow that reduces visibility to 1/4-mile or less for 3 or more hours
 - <u>Sleet</u>: Ice composed of frozen or mostly frozen raindrops or refrozen partially melted snowflakes
 - <u>Ice storms</u>: When damaging accumulations of ice are observed or expected during freezing rain situations

Severe Weather in Tooele County

Severe weather can occur anywhere in Tooele County. High winds are prevalent in mountainous areas as downslope wind coming over mountains or gap winds in canyons. The county has observed at least 3tornado event since 1950 as recorded by NOAA.

TOOELE COUNTY GOALS



HAZARD PROFILE

Location	
Area of Impact	Widespread

<u>Timing</u>

Duration	Seconds to days
Speed of Onset	Seconds to days
Seasonal Pattern	Anytime of year, depending on the event

Occurrence

Frequency	High
Probability of Future Occurrence	High

Impact

Severity

Minor to extensive

Related Hazards

Dam failure, Flood and Landslide can result from a precipitation event Drought can result from extreme heat and wind events

Planning Resources

U.S. STORM PREDICTION CENTER: https://www.spc.noaa.gov/

SEVERE WEATHER PREPAREDNESS: https://www.weather.gov/ama/severesafetyplan

STEEP SLOPE

DESCRIPTION

Severe weather is considered any weathercaused hazard event, such as extreme cold, extreme heat, hail, lightning, tornado, wind, and winter storms. Because of their relative unpredictably, these events are classified and addressed together.

- <u>Extreme cold</u>: An event characterized by temperatures at or below freezing for an extended period of time
- <u>Extreme heat</u>: Weather that is substantially hotter and/or more humid than the average for a location at that time of year
- <u>Hail</u>: Precipitation in the form of irregular pellet- or ball-size ice which occurs when strong, rising currents of air within a storm carry water droplets to a height where they freeze. As ice particles grown in size, they become too heavy to be supported and fall to the ground
- <u>Lightning</u>: A visible electrical discharge produced by a thunderstorm
- <u>Wind</u>:
 - <u>High winds</u>: Sustained wind speeds of 40 mph or greater and lasting one hour or long, or winds 58 mph or greater for any duration
 - <u>Tornados</u>: A funnel-shaped violent rotating column of air

generated by thunderstorms

- <u>Thunderstorms</u>: An event characterized by the presence of lightning and thunder that it usually accompanied by strong winds, heavy rain, and hail, or sometimes no precipitation at all
- <u>Winter Storm</u>: A prolonged snow or ice event that is classified by the amount of snow or ice, temperature, wind and event duration. It can include:
 - <u>Heavy snow</u>: 4 or more inches of snow in 12 hours or less)
 - <u>Blizzard</u>: Low temperatures, wind gusts above 35 mph, snow and/or blowing snow that reduces visibility to 1/4-mile or less for 3 or more hours
 - <u>Sleet</u>: Ice composed of frozen or mostly frozen raindrops or refrozen partially melted snowflakes
 - <u>Ice storms</u>: When damaging accumulations of ice are observed or expected during freezing rain situations

Severe Weather in Tooele County

Severe weather can occur anywhere in Tooele County. High winds are prevalent in mountainous areas as downslope wind coming over mountains or gap winds in canyons. The county has observed at least 3 tornado event since 1950 as recorded by NOAA.

TOOELE COUNTY GOALS



Slope 30 Degrees and Greater



HAZARD PROFILE

Location		
Area of Impact	Isolated	
Timing		
Duration	Seconds to minutes	
Speed of Onset	Seconds	
Seasonal Pattern	Late fall through spring	
Occurrence		

Frequency	High
Probability of Future Occurrence	High

Impact

Severity

Minor

RELATED HAZARDS

Earthquakes can trigger an avalanche

Planning Resources

WILDFIRE

DESCRIPTION

A wildfire is an unwanted fire spreading uncontrolled through primarily wildland vegetation. Wildfire probability depends on fuel, weather and topography. Wildfires can occur in the:

- <u>Wildland</u>: An area where development is almost nonexistent, except for roads, railroads, or power lines, and the
- <u>Wildland Urban Interface (WUI)</u>: An area where structures and other human development meet or intermingle with wildland or vegetation fuels

Fuel: Anything that will burn including vegetation and structures

Weather: High temperatures, low humidity and high winds increase the likelihood that a wildfire will spread.

Topography: Affects speed at which a wildfire will spread. A fire will move more quickly uphill which causes hot gases to rise in front of it. These gases in turn, pre-heat and dry vegetation ahead of the wildfire causing it to catch fire more rapidly.

WILDFIRE IN TOOELE COUNTY

Between 1972 and 2018 there were 292 wildfires, or an average of 5 per year. Most wildfires were naturally occurring and less than 0.1 acres in size. However, the Region also experiences human-caused wildfires, and averages about 2 wildfires that burn 500 acres or more per year.

Wildfires are prevalent in areas of pinyonjuniper woodland, invasive grasses, such as cheat grass, and stands of coniferous and hardwood trees.

TOOELE COUNTY GOALS





Wildfire_RMRS 2020

0 10 20

HAZARD PROFILE

Location

Area of Impact Isolated to widespread

Timing

Duration	Hours to weeks
Speed of Onset	Hours
Seasonal Pattern	Early summer through fall

Occurrence

Frequency	High
Probability of Future Occurrence	High

Impacts

Severity

Minor to extensive

Related Hazards

Drought can increase dry fuels Earthquake damage could ignite a wildfire Flood/Landslide can result from a burn scar High Winds damage could ignite a wildfire and/or increase dry fuels Lightning can ignite a wildfire

Planning Resources

ACTIVE WILDFIRES IN UTAH: https://utahfireinfo.gov/active-wildfires/

WILDFIRE OUTLOOK: https://www.nifc.gov/nicc/predictive/outlooks/outlooks. htm

PLANNING FOR WILDFIRE: https://www.fs.fed.us/openspace/fote/reports/GTR-299. pdf https://www.nfpa.org/Public-Education/Fire-causesand-risks/Wildfire

WILDLIFE

DESCRIPTION

Infrastructure corridors traverse the landscape, including wildlife habitat. The result is an increased likelihood of vehicle-wildlife crashes. Factors that contribute to vehicle-wildlife crashes can include:

- Proximity to suitable wildlife habitat
- Season
- Weather
- Size of road
- Traffic volume of road
- · Speed of vehicles
- Road surface type
- Proximity to human development

WILDLIFE CRASHES IN TOOELE COUNTY

Wildlife crashes can occur on any road in Tooele County. The Utah Department of Transportation collects crash data for state highways in the region. Between 2016 and 2019, there have been 296 vehicle-wildlife crashes an averages of 74 per year. In the four years of collected data, there has been only 1 fatality and 103 injuries. Most crashes occur between 5 and 7 a.m. and 5 and 11 p.m., with crashes peaking at 6 a.m. and 6 p.m. More crashes occur during the winter when deer, elk and moose come down to lower elevations for food.

Areas with historically high rates of vehicle-wildlife crashes are often areas near populated and well travel corridors, including: Highway 36 Corridor (south and north of Tooele City)

TOOELE COUNTY GOALS





Wildlife Auto Collision

10 20 Miles

HAZARD PROFILE

Location

Area of Impact	Isolated
Timing	
Duration	Seconds
Speed of Onset	Seconds
Seasonal Pattern	Anytime of year, higher rates of crashes in winter

Occurrence

Frequency	High
Probability of Future Occurrence	High

Impact

Severity	Minor to serious

Related Hazards

Drought, Flood and Wildfire can all cause wildlife to migrate in and out of their home range

Planning Resources

METHODS FOR REDUCING TRAFFIC CRASHES INVOLVING DEER: https://defenders.org/sites/default/files/publications/ methods_to_reduce_traffic_crashes_involving_deer. pdf

SECTION 5 TOOELE COUNTY COMMUNITIES SECTION
TABLE OF CONTENTS5.1 GRANTSVILLE CITY5.2 RUSH VALLEY CITY5.3 STOCKTON CITY5.4 TOOELE CITY5.5 VERNON CITY5.6 WENDOVER5.7 UNICORPORATED TOOELE COUNTY

5.1 GRANTSVILLE CITY

RISK SUMMARY

- Avalanche
- Dam Inundation
- Earthquake
- Erosion
- Flood
- Problem Soils
- Wildfire

RISK TO FUTURE DEVELOPMENT

New development is anticipated in 2 areas of Grantsville. The area just south of Durfee Street in Grantsville City is the first. Potential natural hazards in this area include unsuitable soils for dwellings, dam inundation, liquefaction, and flooding. The second is the areas west of State Road SR138 on the west side of town which are in the Wildland Urban Interface zone and FEMA flood zones.



GRANTSVILLE (Сіту <mark>- R</mark> isk Sun	IMARY				
Hazard Type	Probability of Occurence	Population Impact	Property Impact	Econmic Impact	Future Development Impact	Overall Risk
AVALANCHE	Нідн	Low	Low	Low	Low	Low
DAM INUNDATION	Low	Нідн	Нідн	Нан	Low	Low
EARTHQUAKE	Low	Нідн	Нідн	Нідн	Moderate	MODERATE
EROSION	Нідн	Low	Нідн	MEDIUM	MODERATE	Moderate
FLOOD	Нідн	Moderate	Нідн	Нідн	Moderate	Нідн
PROBLEM SOILS	Moderate	LOW	MODERATE	Moderate	Нідн	MODERATE
WILDFIRE	Нідн	MODERATE	Нідн	Нідн	Moderate	Нідн

Avalanch Terrain	10
Flood_Dam Inundation	7,304
Flood_Wetland_Riparian	4,511
Flood_Soils Purdue	5,437
Flood_USU Valley Bottom	33
SGID_Engineering PS	723
Steep Slope	83
RMRS_WildFireHP_2020	14,420
Dwellings Without Basements	16,849
Dwellings With Basements	16,849
Erosion_Road Trail	5,666
Erosion_Off Road Trail	432
Liquefaction	10,236





FLOOD

Flood_Wetland_Riparian	4,511
Flood_Soils Purdue	5,437
Flood_USU Valley Bottom	33

PROBLEM ENGINEERING SOILS

risk summary text

Dwellings Without Basements	<u> 16,849 </u>
Dwellings With Basements	16,849
SGID_Engineering PS	723

STEEP SLOPES Steep Slope 83

risk summary text







WILDFIRE

RMRS WildFireHP 2020 14,420



5.1.2 GRANTSVIILLE CITY | RISK ASSESMENT RESULTS | BUILDING FOOTPRINTS

GRANTSVILLE CITY - BU	ILDING FOOTPRINT - POTEN	TIAL LOSS TABLE	
Hazard	Category	Туре	# of Buildings
	Commercial	Commercial	92
	Commercial	Grocery_Store	1
	Community Resource	Community Center	20
	Community Resource	Ed_Kto12	5
	Community Resource	Ed_PreK	1
	Community Resource	Museum	8
	Community Resource	PlaceofWorship	14
	Emergency Facility	FireStation	1
	Government Facility	LocalGov	22
	Government Facility	Post_Office	1
	Industrical	Industrial	5
	Other	Out	14
	Residential	Apartment	39
	Residential	Commercial_ Residential	16
	Residential	Condominium	6
	Residential	Duplex	9
	Residential	Fourplex_Triplex	5
	Residential	Manufactured	138
	Residential	Res_LowIncome	15
	Residential	Res_MobileHome	126
	Residential	Res_Modular	10
	Residential	Residential	2535
	Commercial	Commercial	92
	Commercial	Grocery_Store	1
	Community Resource	Community Center	20
	Community Resource	Ed_Kto12	5
	Community Resource	Ed_PreK	1
	Community Resource	Museum	8
	Community Resource	PlaceofWorship	14
	Emergency Facility	FireStation	1

GRANTSVILLE CITY - BU	JILDING FOOTPRINT - POTEN	TIAL LOSS TABLE	
Hazard	Category	Туре	# of Buildings
	Government Facility	LocalGov	22
	Government Facility	Post_Office	1
	Industrical	Industrial	5
	Other	Out	14
	Residential	Apartment	39
	Residential	Commercial_ Residential	16
	Residential	Condominium	6
	Residential	Duplex	9
	Residential	Fourplex_Triplex	5
	Residential	Manufactured	138
	Residential	Res_LowIncome	15
	Residential	Res_MobileHome	126
	Residential	Res_Modular	10
	Residential	Residential	2535
Erosion_ OffRoadTrail	Industrical	Industrial	1
Erosion_RoadTrail	Commercial	Commercial	37
Erosion_RoadTrail	Commercial	Grocery_Store	1
Erosion_RoadTrail	Community Resource	Community Center	1
Erosion_RoadTrail	Community Resource	Ed_Kto12	5
Erosion_RoadTrail	Community Resource	Ed_PreK	1
Erosion_RoadTrail	Community Resource	Museum	8
Erosion_RoadTrail	Community Resource	PlaceofWorship	14
Erosion_RoadTrail	Emergency Facility	FireStation	1
Erosion_RoadTrail	Government Facility	LocalGov	17
Erosion_RoadTrail	Government Facility	Post_Office	1
Erosion_RoadTrail	Industrical	Industrial	3
Erosion_RoadTrail	Other	Out	4
Erosion_RoadTrail	Residential	Apartment	39
Erosion_RoadTrail	Residential	Commercial_ Residential	15

5.1.2 GRANTSVIILLE CITY | RISK ASSESMENT RESULTS | BUILDING FOOTPRINTS

GRANTSVILLE CITY - B	UILDING FOOTPRINT - POTEN	TIAL LOSS TABLE		GRANTSVILLE CITY - B	JILDING FOOTPRINT - POTEN	TIAL LOSS TABLE	
Hazard	Category	Туре	# of Buildings	Hazard	Category	Туре	# of Buildings
Erosion_RoadTrail	Residential	Condominium	6	Flood_	Residential	Res_MobileHome	70
Erosion_RoadTrail	Residential	Duplex	9	DamInundation			70
Erosion_RoadTrail	Residential	Fourplex_Triplex	5	Flood_	Residential	Residential	981
Erosion_RoadTrail	Residential	Manufactured	113	Elood SoileDurduo	Commoraial	Commorgial	27
Erosion_RoadTrail	Residential	Res_LowIncome	15	Flood_SolisFurdue	Commercial	Crossery Store	37
Erosion_RoadTrail	Residential	Res_MobileHome	108	Flood_SolisPurdue	Community Resource	Glocery_Store	F
Erosion_RoadTrail	Residential	Res_Modular	9	Flood_SolisFuldue	Community Resource	Ed_RioTZ	1
Erosion_RoadTrail	Residential	Residential	2109	Flood_SolisFurdue	Community Resource	Lu_FIER	1
Flood_	Commercial	Commercial	78	Flood_SoilsPurdue	Community Resource	PlaceofWorship	0
DamInundation		0		Flood SoilsPurdue	Emergency Facility	FireStation	1
DamInundation	Commercial	Grocery_Store	1	Flood SoilsPurdue	Government Facility	LocalGov	17
Flood	Community Resource	Community Center	04	Flood SoilsPurdue	Government Facility	Post Office	1
DamInundation			21	Flood_SoilsPurdue	Industrical	Industrial	2
Flood_	Community Resource	Library	1	Flood_SoilsPurdue	Residential	Apartment	39
Flood_	Community Resource	Museum	2	Flood_SoilsPurdue	Residential	Commercial_ Residential	15
Elaad	Community Resource	DiacostWarahin		Flood_SoilsPurdue	Residential	Condominium	6
DamInundation	Community Resource	Placeorworship	4	Flood_SoilsPurdue	Residential	Duplex	9
Flood_	Government Facility	LocalGov	7	Flood_SoilsPurdue	Residential	Fourplex_Triplex	5
DamInundation			1	Flood_SoilsPurdue	Residential	Manufactured	92
Flood_	Government Facility	LocalGov_Police	1	Flood_SoilsPurdue	Residential	Res_LowIncome	15
DamInundation				Flood_SoilsPurdue	Residential	Res_MobileHome	115
Flood_ DamInundation	Other	Out	6	Flood_SoilsPurdue	Residential	Res_Modular	9
Flood	Residential	Apartment		Flood_SoilsPurdue	Residential	Residential	2028
DamInundation			18	Flood_Wetland_ Riparian	Commercial	Commercial	3
Flood_ DamInundation	Residential	Commercial_ Residential	1	Flood_Wetland_	Residential	Condominium	1
Flood_ DamInundation	Residential	Duplex	2	Riparian Flood_Wetland_	Residential	Res_MobileHome	8
Flood_ DamInundation	Residential	Manufactured	40	Flood_Wetland_	Residential	Residential	28

5.1.2 GRANTSVIILLE CITY | RISK ASSESMENT RESULTS | BUILDING FOOTPRINTS

GRANTSVILLE CITY - BU	ILDING FOOTPRINT - POTENT	TIAL LOSS TABLE	
Hazard	Category	Туре	# of Buildings
Liquefaction	Commercial	Commercial	59
Liquefaction	Commercial	Grocery_Store	2
Liquefaction	Community Resource	Ed_Kto12	1
Liquefaction	Community Resource	Library	1
Liquefaction	Community Resource	PlaceofWorship	5
Liquefaction	Emergency Facility	MedicalFacility	1
Liquefaction	Emergency Facility	MedicalFacility_ PlaceofWorship	1
Liquefaction	Government Facility	LocalGov	20
Liquefaction	Government Facility	LocalGov_Police	1
Liquefaction	Government Facility	Post_Office	1
Liquefaction	Industrical	Industrial	7
Liquefaction	Other	Out	9
Liquefaction	Residential	Apartment	27
Liquefaction	Residential	Commercial_ Residential	13
Liquefaction	Residential	Condominium	6
Liquefaction	Residential	Duplex	10
Liquefaction	Residential	Fourplex_Triplex	3
Liquefaction	Residential	Manufactured	80
Liquefaction	Residential	Res_MobileHome	110
Liquefaction	Residential	Res_Modular	3
Liquefaction	Residential	Residential	1313
RMRS_ WildFireHP_2020	Commercial	Commercial	88
RMRS_ WildFireHP_2020	Community Resource	Community Center	17
RMRS_ WildFireHP_2020	Community Resource	Museum	1
RMRS_ WildFireHP_2020	Government Facility	LocalGov	2
RMRS_ WildFireHP_2020	Industrical	Industrial	2

GRANTSVILLE CITY - BU	ILDING FOOTPRINT - POTEN	tial Loss Table	
Hazard	Category	Туре	# of Buildings
RMRS_ WildFireHP_2020	Other	Out	11
RMRS_ WildFireHP_2020	Residential	Commercial_ Residential	1
RMRS_ WildFireHP_2020	Residential	Manufactured	33
RMRS_ WildFireHP_2020	Residential	Res_MobileHome	2
RMRS_ WildFireHP_2020	Residential	Residential	714
SGID_ EngineeringPS	Industrical	Industrial	2

5.1.3 GRANTSVIILLE CITY | RISK ASSESMENT RESULTS | CRITICAL FACILITIES

GRANTSVILLE CITTY - CRITICAL FA	CILITIES - POTENT	al Loss Table		GRANTSVILLE CITTY - CRITICAL FA	CILITIES - POTENT	IAL LOSS TABLE	
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
DwellingsWithBasements	Community	Cemetery	1	DwellingsWithoutBasements	Community	PlaceofWorship	8
DwellingsWithBasements	Community	ED_K12	4	DwellingsWithoutBasements	Emergency	FireStation	1
DwellingsWithBasements	Community	Ed_PreK	3	DwellingsWithoutBasements	Emergency	HealthCareFacility	1
DwellingsWithBasements	Community	GroceryStore	2	DwellingsWithoutBasements	Emergency		3
DwellingsWithBasements	Community	PlaceofWorship	8	DwellingsWithoutBasements	Energy	FuelStation_Gas	3
DwellingsWithBasements	Emergency	FireStation	1	DwellingsWithoutBasements	Energy	SubstationRegulator	2
DwellingsWithBasements	Emergency	HealthCareFacility	1	DwellingsWithoutBasements	Energy	Well_OilGas	1
DwellingsWithBasements	Emergency		3	DwellingsWithoutBasements	Government	PostOffice	1
DwellingsWithBasements	Energy	FuelStation_Gas	3	DwellingsWithoutBasements	Natural	SpringSeep	23
DwellingsWithBasements	Energy	SubstationRegulator	2	DwellingsWithoutBasements	Other	Tower_	1
DwellingsWithBasements	Energy	Well_OilGas	1	DwellingsWithoutBasements	Other	Tower_	4
DwellingsWithBasements	Government	PostOffice	1	DwellingsWithoutBasements	Other	Tower_	1
DwellingsWithBasements	Natural	SpringSeep	23			MicrowaveService	1
DwellingsWithBasements	Other	Tower_	1	DwellingsWithoutBasements	Recreation	Campground	1
DwellingsWithBasements	Other	Tower_	4	DwellingsWithoutBasements	Recreation	CommunityCenter	2
DwellingsWithBasements	Other	Tower_	1	DwellingsWithoutBasements	Recreation	HistoricSites	4
		MicrowaveService		DwellingsWithoutBasements	Recreation	Museum	3
DwellingsWithBasements	Recreation	Campground	1	DwellingsWithoutBasements	Recreation	Park	1
DwellingsWithBasements	Recreation	CommunityCenter	2	DwellingsWithoutBasements			19
DwellingsWithBasements	Recreation	HistoricSites	4	DwellingsWithoutBasements	Water	Dam	1
DwellingsWithBasements	Recreation	Museum	3	DwellingsWithoutBasements	Water	Well_Log	543
DwellingsWithBasements	Recreation	Park	1	DwellingsWithoutBasements	Water	Well_NHD	7
DwellingsWithBasements			19	DwellingsWithoutBasements	Water	Well_	2
DwellingsWithBasements	Water	Dam	1	Erosion_RoadTrail	Community	Cemetery	1
DwellingsWithBasements	Water	Well_Log	543	Erosion_RoadTrail	Community	ED_K12	4
DwellingsWithBasements	Water	Well_NHD	7	Erosion_RoadTrail	Community	Ed_PreK	3
DwellingsWithBasements	Water	Well_	2	Erosion_RoadTrail	Community	GroceryStore	2
DwellingsWithoutBasements	Community	Cemetery	1	Erosion_RoadTrail	Community	PlaceofWorship	8
DwellingsWithoutBasements	Community	ED_K12	4	Erosion_RoadTrail	Emergency	FireStation	1
DwellingsWithoutBasements	Community	Ed_PreK	3	Erosion_RoadTrail	Emergency	HealthCareFacility	1
DwellingsWithoutBasements	Community	GroceryStore	2	Erosion_RoadTrail	Emergency		2

5.1.3 GRANTSVIILLE CITY | RISK ASSESMENT RESULTS | CRITICAL FACILITIES

GRANTSVILLE CITTY - CRITICAL FAC	CILITIES - POTENTI	al Loss Table		GRANTSVILLE CITTY - CRITICAL FA	CILITIES - POTENT	al Loss Table	
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
Erosion_RoadTrail	Energy	FuelStation_Gas	2	Flood_SoilsPurdue	Community	GroceryStore	2
Erosion_RoadTrail	Energy	SubstationRegulator	2	Flood_SoilsPurdue	Community	PlaceofWorship	8
Erosion_RoadTrail	Energy	Well_OilGas	1	Flood_SoilsPurdue	Emergency	FireStation	1
Erosion_RoadTrail	Government	PostOffice	1	Flood_SoilsPurdue	Emergency	HealthCareFacility	1
Erosion_RoadTrail	Other	Tower_	2	Flood_SoilsPurdue	Emergency		2
Erosion_RoadTrail	Recreation	Campground	1	Flood_SoilsPurdue	Energy	FuelStation_Gas	2
Erosion_RoadTrail	Recreation	HistoricSites	4	Flood_SoilsPurdue	Energy	SubstationRegulator	2
Erosion_RoadTrail	Recreation	Museum	3	Flood_SoilsPurdue	Energy	Well_OilGas	1
Erosion_RoadTrail			19	Flood_SoilsPurdue	Government	PostOffice	1
Erosion_RoadTrail	Water	Dam	1	Flood_SoilsPurdue	Natural	SpringSeep	13
Erosion_RoadTrail	Water	Well_Log	194	Flood_SoilsPurdue	Other	Tower_	1
Erosion_RoadTrail	Water	Well_NHD	2	Flood_SoilsPurdue	Recreation	Campground	1
Erosion_RoadTrail	Water	Well_	2	Flood_SoilsPurdue	Recreation	HistoricSites	4
Flood_DamInundation	Community	GroceryStore	1	Flood_SoilsPurdue	Recreation	Museum	3
Flood_DamInundation	Community	Library	1	Flood_SoilsPurdue			19
Flood_DamInundation	Community	PlaceofWorship	2	Flood_SoilsPurdue	Water	Well_Log	141
Flood_DamInundation	Emergency	LawEnforcement	1	Flood_SoilsPurdue	Water	Well_NHD	1
Flood_DamInundation	Emergency		2	Flood_SoilsPurdue	Water	Well_	2
Flood_DamInundation	Energy	FuelStation_Gas	1	Flood_USUValleyBottom	Water	Well_Log	21
Flood_DamInundation	Government	LocalGovFacility	2	Flood_Wetland_Riparian	Natural	SpringSeep	20
Flood_DamInundation	Other	Tower_	4	Flood_Wetland_Riparian	Other	Tower_	1
Flood_DamInundation	Recreation	CommunityCenter	2			MicrowaveService	
Flood_DamInundation	Recreation	HistoricSites	1	Flood_Wetland_Riparian			1
Flood_DamInundation	Recreation	Museum	2	Flood_Wetland_Riparian	Water	Well_Log	203
Flood_DamInundation			5	Flood_Wetland_Riparian	Water	Well_NHD	3
Flood_DamInundation		Heliport	2	Liquefaction	Community	ED_K12	1
Flood_DamInundation	Water	Well_Log	269	Liquefaction	Community	GroceryStore	3
Flood_DamInundation	Water	Well_NHD	4	Liquefaction	Community	Library	1
Flood_SoilsPurdue	Community	Cemetery	1	Liquefaction	Community	PlaceofWorship	3
Flood_SoilsPurdue	Community	ED_K12	4	Liquefaction	Emergency	HealthCareFacility	2
Flood_SoilsPurdue	Community	Ed_PreK	3	Liquefaction	Emergency	LawEnforcement	1

5.1.3 GRANTSVIILLE CITY I RISK ASSESMENT RESULTS I CRITICAL FACILITIES

GRANTSVILLE CITTY - CRITICAL FAC	CILITIES - POTENT	IAL LOSS TABLE	
Hazard	Category	Туре	# of Facilities
Liquefaction	Emergency		2
Liquefaction	Energy	FuelStation_Gas	3
Liquefaction	Energy	Well_OilGas	1
Liquefaction	Government	LocalGovFacility	2
Liquefaction	Government	PostOffice	1
Liquefaction	Natural	SpringSeep	23
Liquefaction	Other	Tower_	1
Liquefaction	Other	Tower_	1
Liquefaction	Other	Tower_ MicrowaveService	1
Liquefaction	Recreation	Campground	1
Liquefaction	Recreation	HistoricSites	1
Liquefaction			16
Liquefaction	Water	Well_Log	423
Liquefaction	Water	Well_NHD	6
Liquefaction	Water	Well_	2
RMRS_WildFireHP_2020	Emergency		1
RMRS_WildFireHP_2020	Energy	FuelStation_Gas	1
RMRS_WildFireHP_2020	Energy	Well_OilGas	1
RMRS_WildFireHP_2020	Natural	SpringSeep	10
RMRS_WildFireHP_2020	Other	Tower_	7
RMRS_WildFireHP_2020	Recreation	CommunityCenter	2
RMRS_WildFireHP_2020	Recreation	Museum	1
RMRS_WildFireHP_2020	Recreation	Park	1
RMRS_WildFireHP_2020		Heliport	2
RMRS_WildFireHP_2020	Water	Dam	1
RMRS_WildFireHP_2020	Water	Well_Log	244
RMRS_WildFireHP_2020	Water	Well_NHD	2

5.1.4 GRANTSVIILLE CITY - MITIGATION STRATAGIES

	Grantsville Mitigation Strategies - 2021 Tooele County PDMP	
DAM FAILURE - CURRENT RESIDENTS/PROPERTY: Please	Develop ordinances to prohibit or limit critical facilities and/or structures in dam inundation areas Priority	Low
DAM FAILURE - CURRENT RESIDENTS/PROPERTY: Please	Ensure new critical facilities and infrastructure are not built in dam inundation areas Priority Patecto covernment-coverd facilities located near bioth risk dam failures - Priority	Low
DAM FAILURE - FUTURE RESIDENTS/PROPERTY: Please of	Develop ordinances to prohibit or limit critical facilities and/or structures in dam inundation areas Priority	Low
DAM FAILURE - FUTURE RESIDENTS/PROPERTY: Please or	Ensure new critical facilities and infrastructure are not built in dam inundation areas Priority	Low
DAM FAILURE - FUTURE RESIDENTS/PROPERTY: Please co	Relocate government-owned facilities located near high risk dam failures Priority	Low
DAM FAILURE - FUTURE RESIDENTS/PROPERTY: Please of	Other strategies and/or comments:	impact property north of the flood control ditch.
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Update and adopt drought ordinances Priority	Medium
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Enforce codes, ordinances, statues, and laws that promote drought resiliency and water conservation practices Priority	Medium
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Improve Fubic Water Infrastructure and Management with Water Provider, Estimated Cost	S1 Mil +
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Monitor Water Supply for leaks, system failures, inefficiencies, etc. via monitoring system and audits Priority	High
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Monitor Water Supply for leaks, system failures, inefficiencies, etc. via monitoring system and audits Estimated Cost	\$100 K - \$250 K
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Plan and Prepare for Drought via emergency planning and warning systems. • From y	County
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Educate Residents on Water Saving Techniques (list event details in "comments") Priority	Medium
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Educate Residents on Water Saving Techniques (list event details in "comments") Estimated Cost	\$0 - \$25 K
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Retrofit Water Supply Systems to handle current and new growth Responsible Entity	High City
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Retrofit Water Supply Systems to handle current and new growth Estimated Cost	\$1 Mil +
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Expand and Improve Existing Potable Water Systems Priority Expand and Improve Existing Potable Water Systems Priority	High
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Expand and improve Existing Potable Water Systems Kesponsible Entry Expand and Improve Existing Potable Water Systems Kesponsible Entry Expand and Improve Existing Potable Water Systems Kesponsible Entry	S1 Mil +
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please cor	Designate and or preserve adequate source water protection zones or groundwater recharge areas Priority	High
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please con	Designate and or preserve adequate source water protection zones or groundwater recharge areas Responsible Entity	City
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp	uppate and adopt drought drouint cests Priority Improve Public Water Infrastructure and Management with Water Provider Priority	Low
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp	Improve Public Water Infrastructure and Management with Water Provider Estimated Cost	\$1 Mil +
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp	Monitor Water Supply for leaks, system failures, inefficiencies, etc. via monitoring system and audits Priority Monitor Water Supply for leaks, system failures, inefficiencies, etc. via monitoring system and audits Entre	High
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp	Transit transi organy na teans, ayaran hatilitas, intermeterilas, attu va monitoria ysterila ana dualis. * Estimated oust Educate Residents on Water Saving Techniques (its event details in "comments"). • Priority	Dow
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp	Retrofit Water Supply Systems to handle current and new growth Priority	High
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp	Retrotit Water Supply Systems to handle current and new growth Estimated Cost Evrand and Improve Fixing Potable Water Systems - Priority	\$1 Mil +
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp	Expand and Improve Exacting Potable Water Systems Finance Cost	S1 Mil +
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please comp	Designate and or preserve adequate source water protection zones or groundwater recharge areas Priority	High
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please	Building Code Adoption and Enforcement Priority Local Planning, such as critical facilities planning, financial incentives, creating a safety committee, emergency planning, etc., Priority	Medium
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please	Local Planning, such as critical facilities planning, financial incentives, creating a safety committee, emergency planning, etc Estimated Cost	\$1 Mil +
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please	Conduct Building Safety Inspections Priority	Low
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please	Increase Awareness and Education of Earnquakes through an educational event Promy Retrofit Critical Facilities and Infrastructure to Withstand Earthquakes (inst specifics in "comments" section) Priority	Low
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please	Retrofit Critical Facilities and Infrastructure to Withstand Earthquakes (list specifics in *comments* section) Estimated Cost	\$0 - \$25 K
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please	Establish a "green infrastructure" program to link, manage, and expand existing parks, preserves, greenways, etc Priority	High
EARTHQUAKE - CORRENT RESIDENTS/PROPERTY: Please c	Establish a green mastrocture program to lime, manage, and oxpand existing paraty existing paraty, greenways, etc Estimated Cost Local Planning, such as critical facilities planning, financial incentives, creating a safety committee, emergency planning, etc Priority	SI MII + High
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY: Please c	Conduct Building Safety Inspections Priority	High
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY: Please of	Retroft Critical Facilities and Infrastructure to Withstand Earthquakes (list specifics in "comments" section) Priority Retroft Critical Facilities and Infrastructure to Withstand Earthquakes (list specifics in "comments" section) Estimated Cost	Low
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY: Please c	Establish drawa reductor of program to link, manage, and expand existing parks, preserves, greenways, etc Priority	High
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY: Please c	Establish a "green infrastructure" program to link, manage, and expand existing parks, preserves, greenways, etc Estimated Cost	\$1 Mil +
FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple	Hoodproor Arkisk Residential and Non-Residential Structures Priority Floodproof Arkisk Residential and Non-Residential Structures Estimated Cost	High \$100 K - \$250 K
FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple	Protect Infrastructure such as roads, bridges, wasfewater treatment, etc Priority	High
FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple	Protect Infrastructure such as roads, bridges, wastewater treatment, etc Estimated Cost Improve Stormwater Drainage Canadity - Printing Improve Stormwater Drainage Canadity - Printing	\$1 Mil + High
FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple	Improve Stormwater Drainage Capacity Estimated Cost	\$250 K - \$500 K
FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple	Conduct Regular Maintenance for Drainage Systems and Flood Control Structures Priority	High
FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple	Conduct Regular Maintenance for Drainage Systems and Flood Control Structures Sumated Cost Protect and Restore Natural Flood Mitigation Features through natural greenway protection and restoration Priority-	550 K - \$100 K High
FLOOD - CURRENT RESIDENTS/PROPERTY: Please comple	Protect and Restore Natural Flood Mitigation Features through natural greenway protection and restoration Estimated Cost	\$100 K - \$250 K
FLOOD - FUTURE RESIDENTS/PROPERTY: Please complet	Hoodproof At-Risk Residential and Non-Residential Structures Priority Floodproof At-Risk Residential and Non-Residential Structures Estimated Cost	High \$250 K - \$500 K
FLOOD - FUTURE RESIDENTS/PROPERTY: Please complete	Protect Infrastructure such as roads, bidges, wastewater treatment, etc Priority	High
FLOOD - FUTURE RESIDENTS/PROPERTY: Please complet	Protect Infrastructure such as roads, bridges, wastewater treatment, etc Estimated Cost	\$1 Mil +
FLOOD - FUTURE RESIDENTS/PROPERTY: Please complete FLOOD - FUTURE RESIDENTS/PROPERTY: Please complete	Improve Stantiveater Drainage Capacity, - FitiDity Improve Stormwater Drainage Capacity, - Estimated Cost	filgii \$100 K - \$250 K
FLOOD - FUTURE RESIDENTS/PROPERTY: Please complete	Conduct Regular Maintenance for Drainage Systems and Flood Control Structures. Priority	High
FLOOD - FUTURE RESIDENTS/PROPERTY: Please complet	Conguict Regular Maintenance for Uranage Systems and Flood Control Structures Estimated Cost Profect and Restore Natural Flood Mingation Features through particular greenway protection and restoration Priority.	\$100 K - \$250 K High
FLOOD - FUTURE RESIDENTS/PROPERTY: Please complete	Protect and Restore Natural Flood Mitigation Features through natural greenway protection and restoration Estimated Cost	\$100 K - \$250 K
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: P	Conduct Outreach Activities Increase and Public Awareness (specify below in comments) Priority	Low
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: F	Protect Life, Safety and Property Damage of Residential Buildings through applicable architecture and retroits Priority Protect Life, Safety and Property Damage of Residential Buildings through applicable architecture and retroits Estimated Cost	Hign \$1 Mil +
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: F	Reducing Impacts of Wind, Hail, Lightning through structural projects, i.e. windbreaks Priority	High
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: F	Reducing Impacts of Wind, Hail, Lightning through structural projects, i.e. windbreaks Estimated Cost	\$1 Mil +
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY: H	Conduct Outreach Activities Increase and Public Awareness (specify below in comments) Priority	Low
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY: PIE	Protect Life, Safety and Property Damage of Residential Buildings through applicable architecture and retrofits Priority	Medium
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY: Ple SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY: Pla	Region Found Bondings and Chrical Pacifilites/intrastructure (specify delow in comments) Priority Reducing Impacts of Wind, Hail, Lightning through structural projects, i.e. windbreaks Priority	High
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY: Ple	Use natural environmental features as wind buffers in site design Priority	Low
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please com	Develop wildfire and/or Wildland Urban Interface (WUI) codes or regulation prohibiting or limiting structures in known wildfire risk areas Priority	Medium
WIEDLINE - CORNENT RESIDENTS/PROPERTT: Please com	Ensure newly constructed government-owned facilities are code compliant for wildfire hazards and promote the use of enhanced wildfire mitigation practices.	20 - 223 N
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please com	Priority	High
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please com	Ensure newly constructed government-owned facilities are code compliant for widflire hazards and promote the use of enhanced wildflire mitigation practices Estimated Cost	\$250 K - \$500 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please com	Include considerations of wildfire hazards in land use, public safety, and other processes Priority	Low
	Use zoning and/or a special wildline overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas - Drivity	low
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please com	Address density and quantity of development, as well emergency access, landscaping and water supply Priority	High
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please com	Adopt and Enforce Building Codes and Development Standards Priority Development in Time is not prevented and the standards Priority	High
WILDFIKE - CUKKENT KESIDENTS/PROPERTY: Please con WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please con	Faituapate in Filewise Flogram, Phonty Educate Property Owners about Wildfire Mitigation Techniques (List specifics below in comments) Priority	Hign Medium

5.2 RUSH VALLEY CITY

RISK SUMMARY

- Earthquake
- Engineering Problem Soils
- Erosion
- Flood
- Steep Slope

RISK TO FUTURE DEVELOPMENT

Future Residential Development within Rush Valley were reported by community representatives on the north side of Rush Valley between Rush Valley and St. John. Additional growth is expected on the South East side of the town.



Figure 5.2.1. Aerial map of Eureka. The city was located in the East Tintic Mountains.

5.2.1 RUSH VALLEY CITY - HAZARDS

Rush Valley City - Risk Summary							
Hazard Type	Probability of Occurence	Population Impact	Property Impact	Econmic Impact	Future Development Impact	Overall Risk	
Earthquake	Low	Нідн	Нідн	Нідн	Low	Moderate	
Engineering Problem Soils	Нідн	Low	Нідн	Moderate	Нідн	Moderate	
Erosion	Нідн	Low	Нідн	Moderate	MODERATE	Moderate	
Flood	Нідн	Moderate	Нідн	Нідн	Moderate	Нідн	
Steep Slope	Low	LOW	Low	Low	Moderate	Low	

HAZTYPE / ACRES

Earthquake	<u> 2,963</u>
Engineering Problem Soils	5,766
Erosion	2,926
Flood_ FEMA 100 Year	1,241
Flood_Soils	1,404
Flood Wetland & Riparian	235
Wildfire Hazard Potential	10,393
Steep Slope	25



5.2.1 RUSH VALLEY CITY - HAZARDS

EARTHQUAKE 2,963 ACRES

risk summary text

ENGINEERING PROBLEM SOILS 5,766 ACRES

risk summary text

EROSION 2,926 risk summary text



5.2.1 RUSH VALLEY CITY - HAZARDS

FLOOD_ FEMA 100 YEAR 1,241

risk summary text

FLOOD_SOILS 1,404 FLOOD_WETLAND & RIPARIAN 235

risk summary text

STEEP SLOPE 25







5.2.2 RUSH VALLEY CITY - RISK ASSESMENT RESULTS - STRUCTURES

RUSH VALLEY CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE							
Hazard	Category	Туре	# of Buildings				
Earthquake	Community Resource	PlaceofWorship	1				
Earthquake	Emergency Facility	FireStation	1				
Earthquake	Government Facility	LocalGov	2				
Earthquake	Government Facility	Post_Office	1				
Earthquake	Industrical	Industrial	1				
Earthquake	Other	Out	3				
Earthquake	Residential	Manufactured	50				
Earthquake	Residential	Res_MobileHome	10				
Earthquake	Residential	Residential	169				
EngineeringPS	Commercial	Commercial	13				
EngineeringPS	Community Resource	PlaceofWorship	1				
EngineeringPS	Emergency Facility	FireStation	1				
EngineeringPS	Government Facility	LocalGov	2				
EngineeringPS	Government Facility	Post_Office	1				
EngineeringPS	Industrical	Industrial	17				
EngineeringPS	Other	Out	3				
EngineeringPS	Residential	Manufactured	48				
EngineeringPS	Residential	Res_MobileHome	7				
EngineeringPS	Residential	Residential	126				
Erosion	Community Resource	PlaceofWorship	1				
Erosion	Emergency Facility	FireStation	1				
Erosion	Government Facility	LocalGov	2				
Erosion	Government Facility	Post_Office	1				
Erosion	Industrical	Industrial	1				
Erosion	Other	Out	2				
Erosion	Residential	Manufactured	48				
Erosion	Residential	Res_MobileHome	7				
Erosion	Residential	Residential	117				
FEMA_FloodZone	Commercial	Commercial	13				
FEMA_FloodZone	Residential	Res_MobileHome	2				
FEMA_FloodZone	Residential	Residential	17				

Rush Valley City - Building Footprint - Potential Loss Table						
Hazard	Category	Туре	# of Buildings			
Flood_SoilsPurdue	Residential	Manufactured	2			
Flood_SoilsPurdue	Residential	Res_MobileHome	2			
Flood_SoilsPurdue	Residential	Residential	24			
Flood_Wetland_ Riparian	Commercial	Commercial	2			
Flood_Wetland_ Riparian	Residential	Residential	1			
RMRS_ WildFireHP_2020	Commercial	Commercial	8			
RMRS_ WildFireHP_2020	Emergency Facility	FireStation	1			
RMRS_ WildFireHP_2020	Government Facility	LocalGov	2			
RMRS_ WildFireHP_2020	Industrical	Industrial	4			
RMRS_ WildFireHP_2020	Other	Out	4			
RMRS_ WildFireHP_2020	Residential	Manufactured	45			
RMRS_ WildFireHP_2020	Residential	Res_MobileHome	9			
RMRS_ WildFireHP_2020	Residential	Residential	170			

5.2.3 RUSH VALLEY CITY - RISK ASSESMENT RESULTS - CRITICAL FACILITIES

RUSH VALLEY CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE						
Hazard	Category	Туре	# of Facilities			
Earthquake	Community	Cemetery	1			
Earthquake	Community	PlaceofWorship	1			
Earthquake	Emergency	FireStation	1			
Earthquake	Government	LocalGovFacility	1			
Earthquake	Government	PostOffice	1			
Earthquake	Other	Tower_ MicrowaveService	2			
Earthquake	Recreation	HistoricSites	2			
Earthquake	Recreation	Park	1			
Earthquake	Water	Well_Log	148			
EngineeringPS	Community	Cemetery	1			
EngineeringPS	Community	PlaceofWorship	1			
EngineeringPS	Emergency	FireStation	1			
EngineeringPS	Government	LocalGovFacility	1			
EngineeringPS	Government	PostOffice	1			
EngineeringPS	Other	Tower_	1			
EngineeringPS	Other	Tower_ MicrowaveService	2			
EngineeringPS	Recreation	HistoricSites	2			
EngineeringPS	Recreation	Park	1			
EngineeringPS	Water	Well_Log	124			
EngineeringPS	Water	Well_NHD	2			
Erosion	Community	Cemetery	1			
Erosion	Community	PlaceofWorship	1			
Erosion	Emergency	FireStation	1			
Erosion	Government	LocalGovFacility	1			
Erosion	Government	PostOffice	1			
Erosion	Other	Tower_ MicrowaveService	2			
Erosion	Recreation	HistoricSites	2			
Erosion	Recreation	Park	1			
Erosion	Water	Well_Log	109			

Rush Valley City - Critical Facilities - Potential Loss Table					
Hazard	Category	Туре	# of Facilities		
FEMA_FloodZone	Other	Tower_	1		
FEMA_FloodZone	Water	Well_Log	10		
FEMA_FloodZone	Water	Well_NHD	1		
Flood_SoilsPurdue	Other	Tower_	1		
Flood_SoilsPurdue	Water	Well_Log	16		
Flood_Wetland_Riparian	Water	Well_Log	2		
RMRS_WildFireHP_2020	Community	Cemetery	1		
RMRS_WildFireHP_2020	Emergency	FireStation	1		
RMRS_WildFireHP_2020	Government	LocalGovFacility	1		
RMRS_WildFireHP_2020	Other	Tower_	1		
RMRS_WildFireHP_2020	Other	Tower_ MicrowaveService	2		
RMRS_WildFireHP_2020	Recreation	HistoricSites	2		
RMRS_WildFireHP_2020	Recreation	Park	1		
RMRS_WildFireHP_2020	Water	Well_Log	169		
RMRS_WildFireHP_2020	Water	Well_NHD	3		

5.2.4 RUSH VALLEY CITY - MITIGATION STRATAGIES

	RUSH VALLEY - COMMUNITY MITIGATION STRATEGIES									
			Protecting	g <u>Current</u> Resid	ents and P	roperty				
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
			RUSH VALLEY - C	COMMUNITY N	AITIGATI	ON STR	RATEGIES			
			Protectin	ng <u>Future</u> Reside	ents and Pi	roperty				
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

5.3 STOCKTON CITY

RISK SUMMARY

- Alluvial Fans
- Debris Flow
- Earthquake
- Engineering Problem Soils
- Erosion
- Flood
- Steep Slope
- Wildfire

RISK TO FUTURE DEVELOPMENT

Future Development is expected on the South East area of Stockton near the area of Solider Canyon. A residential development of 320 homes are expected in the area. This area is susceptible wildfire, flood, soil erosion.



Figure 5.2.1. Aerial map of Eureka. The city was located in the East Tintic Mountains.

Grantsville City - Risk Summary						
Hazard Type	Probability of Occurence	Population Impact	Property Impact	Econmic Impact	Future Development Impact	Overall Risk
Alluvial Fans	Low	Low	Moderate	Moderate	Moderate	Low
Debris Flow	Moderate	LOW	Moderate	НІдн	Low	Low
Earthquake	Low	Moderate	MODERATE	MODERATE	Low	Low
Engineering Problem Soils	Moderate	Low	Moderate	Moderate	Нідн	MODERATE
Erosion	Нідн	Low	Нідн	Нідн	Нідн	Нідн
Flood	Нідн	Moderate	Нідн	Нідн	Moderate	Нідн
Steep Slope	Low	LOW	LOW	LOW	Moderate	LOW
Wildfire	MODERATE	MODERATE	Нідн	Нідн	MODERATE	Нідн

HAZTYPE / ACRES

Alluvial Fan	32
Debris Flow	0
Engineering Problem Soils	677
Erosion	663
FEMA_Flood Zone	35
Flood_Soils	611
Flood Wetland & Riparian	148
Liquefaction	165
Steep Slope	21
Wildfire Hazard Potential	1,079



Alluvial Fan 32

risk summary text

DEBRIS FLOW

risk summary text

ENGINEERING PROBLEM SOILS 677 ACRES







EROSION 663 ACRES

risk summary text

FEMA_FLOOD ZONE 35

risk summary text

FLOOD_SOILS 611 FLOOD_WETLAND & RIPARIAN 148



LIQUEFACTION 165

risk summary text

STEEP SLOPE

risk summary text

WILDFIRE HAZARD POTENTIAL 1,079



5.3.2 STOCKTON CITY - RISK ASSESMENT RESULTS - STRUCTURES

STOCKTON CITY ·	STOCKTON CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE							
Hazard	Cate	egory	Туре	# of Facilities				
Problem	Community Resource		PlaceofWorship	1				
Engineering	Othe	er	Out	3				
50115	Resi	idential	Manufactured	12				
STOCKTON CITY ·	BUILD	ding Footprint - Potentia	l Loss Table					
Hazard		Category	Туре	# of Buildings				
Erosion_Road	Гrail	Community Resource	PlaceofWorship	1				
Erosion_Road	Frail	Other	Out	3				
Erosion_Road	Trail	Residential	Manufactured	12				
Erosion_Road	Frail	Residential	Residential	61				
STOCKTON CITY ·	BUILD	ding Footprint - Potentia	l Loss Table					
Hazard		Category	Туре	# of Buildings				
FEMA_FloodZone		Other	Out	1				
FEMA_FloodZone		Residential	Manufactured	6				
FEMA_FloodZone		Residential	Res_Modular	1				
FEMA_FloodZ	one	Residential	Residential	11				
STOCKTON CITY ·	- Build	ding Footprint - Potentia	l Loss Table					
Hazard		Category	Туре	# of Buildings				
Flood_SoilsPut	rdue	Community Resource	PlaceofWorship	1				
Flood_SoilsPut	rdue	Other	Out	3				
Flood_SoilsPut	rdue	Residential	Manufactured	12				
Flood_SoilsPut	rdue	Residential	Residential	58				
Flood_Wetland Riparian	L	Residential	Manufactured	1				
Flood_Wetland_ Riparian		Residential	Detached Single Family Residential	3				
STOCKTON CITY .	BUILD	ding Footprint - Potentia	L LOSS TABLE					
Hazard		Category	Туре	# of Buildings				
SteepSlope		Residential	Manufactured	1				

STOCKTON CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE							
Hazard	Category	Туре	# of Buildings				
RMRS_ WildFireHP_2020	Commercial	Commercial	5				
RMRS_ WildFireHP_2020	Community Resource	Community Center	2				
RMRS_ WildFireHP_2020	Community Resource	PlaceofWorship	1				
RMRS_ WildFireHP_2020	Emergency Facility	FireStation	1				
RMRS_ WildFireHP_2020	Government Facility	LocalGov_Police	1				
RMRS_ WildFireHP_2020	Government Facility	Post_Office	1				
RMRS_ WildFireHP_2020	Other	Out	4				
RMRS_ WildFireHP_2020	Residential	Duplex	1				
RMRS_ WildFireHP_2020	Residential	Manufactured	106				
RMRS_ WildFireHP_2020	Residential	Res_MobileHome	18				
RMRS_	Residential	Res_Modular	1				
WildFireHP_2020							
RMRS_	Residential	Residential	202				
WildFireHP_2020			202				

5.3.3 STOCKTON CITY - RISK ASSESMENT RESULTS - CRITICAL FACILITIES

STOCKTON CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE					
Hazard	Category	Туре	# of Facilities		
DwellingsWithBasements	Community	Cemetery	1		
DwellingsWithBasements	Community	PlaceofWorship	1		
DwellingsWithBasements	Recreation	HistoricSites	1		
DwellingsWithBasements	Water	Well_Log	3		
DwellingsWithoutBasements	Community	Cemetery	1		
DwellingsWithoutBasements	Community	PlaceofWorship	1		
DwellingsWithoutBasements	Recreation	HistoricSites	1		
DwellingsWithoutBasements	Water	Well_Log	3		
STOCKTON CITY - CRITICAL FACILIT	ies - Potential I	LOSS TABLE			
Hazard	Category	Туре	# of Facilities		
Erosion_RoadTrail	Community	Cemetery	1		
Erosion_RoadTrail	Community	PlaceofWorship	1		
Energian DeselTesil		-			
Erosion_Road I rall	Recreation	HistoricSites	1		
Erosion_RoadTrail	Recreation Water	HistoricSites Well_Log	1		
Erosion_RoadTrail Erosion_RoadTrail STOCKTON CITY - CRITICAL FACILIT	Recreation Water IES - POTENTIAL L	HistoricSites Well_Log Loss TABLE	1		
Erosion_RoadTrail Erosion_RoadTrail STOCKTON CITY - CRITICAL FACILIT Hazard	Recreation Water IES - POTENTIAL L Category	HistoricSites Well_Log Loss TABLE Type	1 3 # of Facilities		
Erosion_Road Irail Erosion_RoadTrail STOCKTON CITY - CRITICAL FACILIT Hazard Flood_SoilsPurdue	Recreation Water IES - POTENTIAL L Category Community	HistoricSites Well_Log oss TABLE Type PlaceofWorship	1 3 # of Facilities 1		
Erosion_Road Irali Erosion_RoadTrail STOCKTON CITY - CRITICAL FACILIT Hazard Flood_SoilsPurdue Flood_SoilsPurdue	Recreation Water IES - POTENTIAL L Category Community Recreation	HistoricSites Well_Log Loss TABLE Type PlaceofWorship HistoricSites	1 3 # of Facilities 1 1		
Erosion_Road Irali Erosion_RoadTrail STOCKTON CITY - CRITICAL FACILIT Hazard Flood_SoilsPurdue Flood_SoilsPurdue Flood_SoilsPurdue	Recreation Water IES - POTENTIAL L Category Community Recreation Water	HistoricSites Well_Log _oss TABLE Type PlaceofWorship HistoricSites Well_Log	1 3 # of Facilities 1 1 3		

STOCKTON CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE					
Hazard	Category	Туре	# of Facilities		
RMRS_WildFireHP_2020	Community	Cemetery	1		
RMRS_WildFireHP_2020	Community	PlaceofWorship	1		
RMRS_WildFireHP_2020	Emergency	FireStation	1		
RMRS_WildFireHP_2020	Emergency	LawEnforcement	1		
RMRS_WildFireHP_2020	Energy	FuelStation_Gas	2		
RMRS_WildFireHP_2020	Government	LocalGovFacility	1		
RMRS_WildFireHP_2020	Government	PostOffice	1		
RMRS_WildFireHP_2020	Recreation	HistoricSites	4		
RMRS_WildFireHP_2020	Recreation	Park	1		
RMRS_WildFireHP_2020	Water	Well_Log	4		

5.3.4 STOCKTON CITY - MITIGATION STRATAGIES

Stockton Mitigation Strategies - 2021 Tooele County PDMP				
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Update and adopt drought ordinances Priority	Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Update and adopt drought ordinances Timeframe	2025		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Update and adopt drought ordinances Pot. Funding Sources	Local		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Update and adopt drought ordinances Responsible Entity	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Update and adopt drought ordinances Estimated Cost	\$0 - \$25 K		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Improve Public Water Infrastructure and Management with Water Provider Priority	High		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Improve Public Water Infrastructure and Management with Water Provider Timeframe	2023		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Improve Public Water Infrastructure and Management with Water Provider Pot. Funding Sources	Other		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Improve Public Water Infrastructure and Management with Water Provider Responsible Entity	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Improve Public Water Infrastructure and Management with Water Provider Estimated Cost	\$250 K - \$500 K		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Expand and Improve Existing Potable Water Systems Priority	Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Expand and Improve Existing Potable Water Systems Timeframe	2023		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Expand and Improve Existing Potable Water Systems Pot. Funding Sources	Other		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Expand and Improve Existing Potable Water Systems Responsible Entity	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please	Expand and Improve Existing Potable Water Systems Estimated Cost	\$500 K - \$1 Mil		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please (Update and adopt drought ordinances Priority	Medium		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please of	Update and adopt drought ordinances Timeframe	2023		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please of	Update and adopt drought ordinances Pot. Funding Sources	Local		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please of	Update and adopt drought ordinances Responsible Entity	City		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please of	Update and adopt drought ordinances Estimated Cost	\$0 - \$25 K		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please of	Expand and Improve Existing Potable Water Systems Priority	High		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please of	Expand and Improve Existing Potable Water Systems Timeframe	2023		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please of	Expand and Improve Existing Potable Water Systems Pot. Funding Sources	Other		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please of	Expand and Improve Existing Potable Water Systems Responsible Entity	City		
DROUGHT - FUTURE RESIDENTS/PROPERTY: Please of	Expand and Improve Existing Potable Water Systems Estimated Cost	\$500 K - \$1 Mil		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: PI	Conduct Building Safety Inspections Priority	Medium		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: PI	Conduct Building Safety Inspections Timeframe	2021		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: PI	Conduct Building Safety Inspections Pot. Funding Sources	Local		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: PI	Conduct Building Safety Inspections Responsible Entity	City		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: PI	Conduct Building Safety Inspections Estimated Cost	\$0 - \$25 K		
FLOOD - CURRENT RESIDENTS/PROPERTY: Please co	Review and/or Develop Codes, Ordinances and Policies Priority	High		
FLOOD - CURRENT RESIDENTS/PROPERTY: Please co	Review and/or Develop Codes, Ordinances and Policies Timeframe	2022		
FLOOD - CURRENT RESIDENTS/PROPERTY: Please co	Review and/or Develop Codes, Ordinances and Policies Pot. Funding Sources	Other		
FLOOD - CURRENT RESIDENTS/PROPERTY: Please co	Review and/or Develop Codes, Ordinances and Policies Responsible Entity	City		
FLOOD - CURRENT RESIDENTS/PROPERTY: Please co	Review and/or Develop Codes, Ordinances and Policies Estimated Cost	\$0 - \$25 K		

5.4 TOOELE CITY

RISK SUMMARY

- Alluvial Fans
- Avalanche Terrain
- Debris Flow
- Earthquake
- Engineering Problem Soils
- Erosion
- Flood
- Landslide
- Steep Slope
- Wildfire
- Wildlife / Auto

FUTURE DEVELOPMENT RISK

New development is expected in four areas of Tooele City. Those are: the areas north of State Road 112 (1000 N.), near 400 West continuing 3300 north are anticipated to increase exponentially over the next several years. The areas of north of 1280 north and east of State Road 36 are anticipated to see significant commercial and residential growth. The southwest section of Tooele City to include the areas of South of Vine Street and West of 1000 West. The last area of anticipated growth is the Southwest Bench which is experiencing a large amount of residential growth which sits in high hazard areas for natural disasters. Potential natural hazards which could put residents and property/infrastructure at risk include dam inundation areas and wildfire.



Figure 5.4.1. Aerial map of Tooele City.

TOOELE CITY - RISK SUMMARY						
Hazard Type	Probability of Occurence	Population Impact	Property Impact	Econmic Impact	Future Development Impact	Overall Risk
Alluvial Fans	Low	Low	Moderate	Moderate	Нідн	MODERATE
Avalanche Terrain	HIGH	LOW	LOW	LOW	LOW	LOW
Debris Flow	MODERATE	LOW	Нідн	Moderate	LOW	LOW
Earthquake	LOW	HIGH	HGH	HIGH	LOW	MODERATE
Engineering Problem Soils	HIGH	LOW	MODERATE	MODEATE	HIGH	LOW
Erosion	HIGH	LOW	HIGH	HIGH	MODEATE	MODERATE
Flood	HIGH	MODERATE	HIGH	HIGH	MODERATE	HIGH
Landslide	LOW	LOW	HIGH	MODERATE	LOW	LOW
Steep Slope	HIGH	LOW	LOW	LOW	LOW	LOW
Wildfire	HIGH	HIGH	HIGH	HIGH	MODERATE	Нідн
Wildlife / Auto	HIGH	LOW	MODERATE	LOW	LOW	LOW

HAZTYPE / ACRES

Alluvial Fan	58
Avalanch Terrain	619
Debris Flow	2,227
Engineering Problem Soils	4,126
Erosion	3,584
FEMA_Flood Zone	234
Flood_Dam Inundation	9,261
Flood_SoilsPurdue	642
Flood_USU Valley Bottom	49
Flood_Wetland_Riparian	120
Landslide	83
Steep Slope	1,745
Wildfire Hazard Potential	8,384
Wildlife Auto	597



Alluvial Fans Avalanch Terrain **Debris Flow** 58 Acres 2,227 <u>619</u> risk summary text risk summary text risk summary text



Flood_SoilsPurdue 642 Flood_USU Valley Bottom 49 Flood_Wetland_Riparian 120 risk summary text	Flood_Dam Inundation 9,261 risk summary text	Landslide 83 - risk summary text

Wildlife Auto Steep Slope Wildfire Hazard Potential 597 1,745 8,384 risk summary text risk summary text risk summary text







5.4.2 TOOELE CITY - RISK ASSESMENT RESULTS - STRUCTURES

TOOELE CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE					
Hazard	Category	# of Facilities			
Alluvial Fan	Community Resource	Ed_PreK	1		
	Residential	Detached Single Family Residential	33		
	Residential	Manufactured	2		
	Residential	MixedUse	1		

TOOELE CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE				
Hazard	Category	# of Structures		
M	Community Resource	Community Center	5	
Ξ	Government Facility	LocalGov	1	
bris	Residential	Detached Single Family		
De		Residential	8	

TOOELE CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE				
Hazard	Category	Туре	# of Structures	
	Commercial	Commercial	3	
	Community Resource	Community Center	6	
	Community Resource	Ed_Kto12	17	
<u>N</u>	Community Resource	Ed_PreK	1	
Sol	Community Resource	PlaceofWorship	7	
lem	Other	Out	2	
rob	Residential	Apartment	1	
ng F	Residential	Condominium	34	
eerii	Residential	Detached Single Family	4747	
Igine		Residential	1717	
Ш	Residential	Duplex	10	
	Residential	Fourplex_Triplex	15	
	Residential	Manufactured	33	
	Residential	Res_MobileHome	11	

TOOELE CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE Commercial Commercial 3 Community Resource **Community Center** 6 Community Resource 17 Ed_Kto12 Community Resource Ed_PreK 1 PlaceofWorship Community Resource 7 2 Other Out Erosion Residential Apartment 1 34 Residential Condominium Residential Detached Single Family 1717 Residential 10

Duplex

Fourplex_Triplex

Res MobileHome

Manufactured

15

33

11

Residential

Residential

Residential

Residential

OOELE CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE				
lazard	Category	Туре	# of Facilities	
	Commercial	Commercial	2	
	Community Resource	Community Center	1	
one	Community Resource	Ed_PostHi	1	
d Zo	Industrical	Industrial	2	
1000	Residential	Condominium	7	
ar F	Residential	Detached Single Family	450	
) Ye		Residential	156	
	Residential Duplex		1	
MA	Residential	Fourplex_Triplex	2	
Ш Ц	Residential	Manufactured	37	
	Residential	Res_MobileHome	26	
	Transportation Facility	Parking	3	

5.4.2 TOOELE CITY - RISK ASSESMENT RESULTS - STRUCTURES

TOOELE CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE					
Hazard		Category		Туре	# of Facilities
		Commercial		Commercial	2
		Community Resou	urce	Ed_Kto12	17
e e		Community Resou	urce	PlaceofWorship	6
urdı		Residential		Apartment	1
<u>м</u>		Residential		Detached Single	000
Soi				Family Residential	966
poc		Residential		Duplex	9
Ē		Residential		Fourplex_Triplex	15
		Residential		Manufactured	33
		Residential		Res_MobileHome	11
Flood_US	SU	Community Resou	urce	PlaceofWorship	1
Valley Bo	ottom	Residential		Detached Single	
				Family Residential	17
- -		Commercial		Commercial	2
ariar		Community Resource		Community Center	1
Ripa		Residential		Apartment	1
p p		Residential		Detached Single	22
/etla				Family Residential	
		Residential		Duplex	2
000		Residential		Manufactured	1
		Residential		Res_TwinHome	2
TOOELE C	ітү - В и	iilding Footprint - P	OTENTIAL	LOSS TABLE	
Hazard	Categ	ory	Туре		# of Facilities
	Comm	nercial	Comme	ercial	423
	Commercial		Grocery_Store		6
	Community Resource		Commu	nity Center	15
	Community Resource		Ed_Kto12		29
	Community Resource		Ed_Pos	tHi	5
	Community Resource		Library		1
	Comm	nunity Resource	PlaceofWorship		29
	Emergency Facility		FireStation		2

Emergency Facility	MedicalFacility	25
Emergency Facility	MedicalFacility/Ed_PreK	1
Emergency Facility	Police	3
Emergency Facility	Police_MedicalFacility	1
Government Facility	LocalGov	20
Government Facility	LocalGov_Commercial	1
Government Facility	LocalGov_Police	1
Government Facility	Post_Office	3
Government Facility	Well	1
Industrical	Industrial	115
Other	Out	5
Recreation Facility	HistoricSite	2
Residential	Apartment	60
Residential	Commercial_Residential	18
Residential	Condominium	112
Residential	Detached Single Family Residential	5514
Residential	Duplex	82
Residential	Fourplex_Triplex	59
Residential	HistoricSite_Apartment	1
Residential	Manufactured	185
Residential	MixedUse	2
Residential	Res_LowIncome	63
Residential	Res_MobileHome	634
Residential	Res_Modular	1
Residential	Res_TwinHome	76
Transportation Facility	Parking	10

TOOELE CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Туре	# of Facilities
SteepSlope	Residential	Detached Single	1
		Family Residential	I
5.4.2 TOOELE CITY - RISK ASSESMENT RESULTS - STRUCTURES

Tooele City - Building Footprint - Potential Loss Table				
Hazard	Category	Туре	# of Facilities	
	Commercial	Commercial	118	
	Commercial	Grocery_Store	1	
	Community Resource	Community Center	8	
	Community Resource	Ed_Kto12	2	
	Community Resource	PlaceofWorship	5	
	Emergency Facility	FireStation	1	
	Emergency Facility	MedicalFacility	2	
	Emergency Facility	MedicalFacility/Ed_PreK	1	
	Government Facility	Correctional_Facility	3	
ସ	Government Facility	LocalGov	7	
enti	Government Facility	Military	9	
Pot	Government Facility	Well	1	
ard	Industrical	Industrial	68	
Haz	Other	Out	5	
fire	Residential	Apartment	18	
Vild	Residential	Condominium	16	
7	Residential	Detached Single Family Residential	1087	
	Residential	Duplex	5	
	Residential	Fourplex_Triplex	1	
	Residential	Manufactured	28	
	Residential	MixedUse	8	
	Residential	Res_LowIncome	26	
	Residential	Res_MobileHome	185	
	Residential	Res_Modular	1	
	Transportation Facility	Parking	4	

5.4.3 TOOELE CITY - RISK ASSESMENT RESULTS - CRITICAL IFACILITIES

TOOELE CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE						
Hazard	zard Category Type # of Facilities					
Alluvial Fan	Alluvial Fan Community Ed_PreK 1					

Tooele City - Critical Facilities - Potential Loss Table					
Hazard Category Type # of Facilities					
AvalanchTerrain	Water	Well_Log	10		

Tooele City - Critical Facilities - Potential Loss Table					
Hazard	Category	Туре	# of Facilities		
Debris Flow	Natural	SpringSeep	3		
	Recreation	CommunityCenter	1		
	Water	Well_Log	14		

TOOELE CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE					
Hazard	Category	Туре	# of Facilities		
	Community	Cemetery	1		
	Community	ED_K12	2		
	Community	Ed_PreK	1		
<u>s</u>	Community	PlaceofWorship	3		
So	Emergency		1		
lem	Energy	SubstationRegulator	1		
Prob	Natural	SpringSeep	3		
ng F	Other	Tower_	3		
eeri	Other	Tower_MicrowaveService	4		
igin	Recreation	CommunityCenter	1		
Ш	Recreation	Park	1		
	Transportation	BusStopsWasatchFront	6		
	Water	Dam	2		
	Water	Well_Log	199		

	OOELE CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE				
Hazard	Category	Туре	# of Facilities		
	Community	Cemetery	1		
	Community	ED_K12	2		
	Community	Ed_PreK	1		
	Community	PlaceofWorship	3		
	Emergency	National Shelter System Facility	1		
	Energy	SubstationRegulator	1		
u	Natural	SpringSeep	3		
osic	Other	Tower_Land Mobile Private	2		
Ш		Transmission	3		
	Other	Tower_Microwave Service	4		
	Recreation	CommunityCenter	1		
	Recreation	Park	1		
	Transportation	BusStopsWasatchFront	6		
	Water	Dam	2		
	Water	Well_Log	193		

Tooele City - Critical Facilities - Potential Loss Table						
Hazard	lazard Category Type # of Facili					
	Community	Ed_PostHigh	1			
FEMA_100 Year	Transportation	Bus Stops Wasatch Front	3			
Flood Zone	Water	Well_Log	44			

5.4.3 TOOELE CITY - RISK ASSESMENT RESULTS - CRITICAL IFACILITIES

TOOELE CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE					
Hazard	Category		Туре	# of Facilities	
	Community		ED_K12	2	
	Community		PlaceofWorship	2	
	Emergency		NationalShelterSystemFacility	1	
Flood_Soils	Natural		SpringSeep	1	
Purdue	Other		Tower_	2	
	Transportation	۱	BusStopsWasatchFront	6	
	Water		Dam	1	
	Water		Well_Log	91	
Flood_USU	Water		Well_Log		
Valley Bottor	n			44	
	Natural		SpringSeep	2	
Flood_	Transportation	I	Bridge_Rail	1	
Wetland_	Transportation	I	BusStopsWasatchFront	1	
Riparian	Water		Dam	1	
	Water		Well_Log	1	
TOOELE CITY -	CRITICAL FACILITIE	s - Pc	DTENTIAL LOSS TABLE		
Hazard Ca	ategory	Тур	е	# of Facilities	
C	ommunity	ED_	_K12	10	
C	ommunity	Ed_	PostHigh		
C	Community		<u>i ood light</u>	6	
Community		Ed_	PreK	6	
C	ommunity	Ed_ Gro	PreK ceryStore	6 1 9	
C	ommunity	Ed_ Gro Libr	PreK ceryStore ary	6 1 9 1	
Ci Ci	ommunity ommunity ommunity	Ed_ Gro Libr Plac	PreK ceryStore ary ceofWorship	6 1 9 1 23	
	ommunity ommunity ommunity nergency	Ed_ Gro Libr Plac Em	PreK ceryStore ary ceofWorship ergencyMedicalServices	6 1 9 1 23 1	
	ommunity ommunity ommunity nergency nergency	Ed_ Gro Libr Plac Emo	PreK ceryStore ary ceofWorship ergencyMedicalServices Station	6 1 9 1 23 1 2	
	ommunity ommunity ommunity nergency nergency nergency	Ed_ Gro Libr Plac Em Fire Hea	PreK ceryStore ary ceofWorship ergencyMedicalServices Station althCareFacility	6 1 9 1 23 1 2 54	
Cr Cr Cr Cr Er Er Er Er	ommunity ommunity ommunity mergency mergency mergency	Ed_ Gro Libr Plac Emo Fire Hea Law	PreK ceryStore ary ceofWorship ergencyMedicalServices Station althCareFacility /Enforcement	6 1 9 1 23 1 2 54 3	
Cr Cr Cr Cr Er Er Er Er Er	ommunity ommunity ommunity nergency nergency nergency nergency	Ed_ Gro Libr Plac Emo Fire Hea Law	PreK ceryStore ary ceofWorship ergencyMedicalServices Station althCareFacility /Enforcement ionalShelterSystemFacility	6 1 9 1 23 1 2 54 3 8	
	ommunity ommunity ommunity nergency nergency nergency nergency nergency	Ed_ Gro Libr Plac Em Fire Hea Law Nat	PreK PreK ceryStore ary ceofWorship ergencyMedicalServices Station althCareFacility /Enforcement ionalShelterSystemFacility blicSafetyAnsweringPoint	6 1 9 1 23 1 2 54 3 8 1	
Cr Cr Cr Cr Er Er Er Er Er Er Er	ommunity ommunity ommunity nergency nergency nergency nergency nergency nergency	Ed_ Gro Libr Plac Em Fire Hea Law Nat Pub Fue	PreK PreK ceryStore ary ceofWorship ergencyMedicalServices Station althCareFacility /Enforcement ionalShelterSystemFacility blicSafetyAnsweringPoint IStation_AlternativeEnergy	6 1 9 1 23 1 2 54 3 8 1 1 1	

Energy	PetroleumTerminal	1
Energy	SubstationRegulator	1
Government	LocalGovFacility	11
Government	PostOffice	1
Other	Tower_AntennaStructureRegistrate	2
Other	Tower_FMTransmission	1
Other	Tower_Land Mobile Private Transmission	29
Other	Tower_MicrowaveService	13
Other	WaistewaterFacility	2
Recreation	Campground	1
Recreation	CommunityCenter	4
Recreation	GolfCourse	1
Recreation	HistoricSites	13
Recreation	Museum	1
Recreation	Park	10
Transportation	Bridge_Rail	1
Transportation	Bridge_Road	2
Transportation	BusStopsWasatchFront	52
Water	Dam	1
Water	Well_Log	327
Water	Well_NHD	2
Water	Well_UndergroudInjectionControl	3

TOOELE CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE					
Hazard	Category	Туре	# of Facilities		
SteepSlope	Water	Well_Log	10		

5.4.3 TOOELE CITY - RISK ASSESMENT RESULTS - CRITICAL IFACILITIES

Tooele C	OOELE CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE				
Hazard	Category	Туре	# of Facilities		
	Community	ED_K12	2		
	Community	Ed_PostHigh	1		
	Community	GroceryStore	1		
	Community	PlaceofWorship	3		
	Emergency	FireStation	1		
	Emergency	HealthCareFacility	10		
	Emergency	LawEnforcement	1		
	Energy	FuelStation_Gas	1		
	Energy	SubstationRegulator	1		
8	Government	CorrectionalFacility	1		
enti	Natural	SpringSeep	2		
Ind Pot	Other	Tower_Land Mobile Private Transmission	4		
laze	Other	Tower_MicrowaveService	2		
e T	Other	WaistewaterFacility	1		
ildfi	Recreation	Campground	1		
3	Recreation	CommunityCenter	1		
	Recreation	GolfCourse	1		
	Recreation	Park	2		
	Transportation	Bridge_Rail	1		
	Transportation	Bridge_Road	1		
	Transportation	BusStopsWasatchFront	2		
	Water	Dam	1		
	Water	Well_Log	227		
	Water	Well_NHD	2		
	Water	Well_UndergroudInjectionControl	1		

TOOELE CITY - PARCELS - POTENTIAL LOSS TABLE					
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value
AlluvialFan	Residential	Detached Single Family Residential	23	6.37	\$6,194,568

TOOELE CITY - PARCELS - POTENTIAL LOSS TABLE					
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value
AvalanchTerrain	None	None	1	60.00	\$30,000

Tooele City - Parcels - Potential Loss Table						
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value	
DebrisFlow	None	None	38	3,143.39	\$677,200	
DebrisFlow	Residential	Residential	13	13.97	\$2,618,480	
DebrisFlow	SITLA	SITLA	1	-	\$-	

Tooele City - Parcels - Potential Loss Table								
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value			
DwellingsWithBasements	Commercial	Commercial	1	2.79	\$28,028			
DwellingsWithBasements	Community_Resources	Ed_Kto12	11	34.37	\$-			
DwellingsWithBasements	Community_Resources	PlaceofWorship	3	9.62	\$45,688			
DwellingsWithBasements	nents Energy None 1		1	-	\$-			
DwellingsWithBasements	None	None	140	4,535.62	\$7,061,134			
DwellingsWithBasements	Recreation	Open_Space	1	11.31	\$-			
DwellingsWithBasements	Residential	Res_Munfacture_Mobile_ Hookups	28	7.95	\$2,312,268			
DwellingsWithBasements	Residential	Residential	1,604	605.16	\$367,403,762			
DwellingsWithBasements	Residential	Residential_MultiFamily	115	4.28	\$22,342,893			
DwellingsWithBasements	SITLA	SITLA	1	-	\$-			

Tooele City - Parcels - Potential Loss Table								
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value			
Erosion_OffRoadTrail	None	None	26	2,595.83	\$587,241			
Erosion_OffRoadTrail	Residential	Residential	27	14.29	\$6,040,056			
Erosion_OffRoadTrail	SITLA	SITLA	1	-	\$-			
Erosion_RoadTrail	Commercial	Commercial	1	2.79	\$28,028			
Erosion_RoadTrail	Community_Resources	Ed_Kto12	11	34.37	\$-			
Erosion_RoadTrail	Community_Resources	PlaceofWorship	3	9.62	\$45,688			
Erosion_RoadTrail	Energy	None	1	-	\$-			
Erosion_RoadTrail	None	None	133	3,763.63	\$3,118,486			
Erosion_RoadTrail	Recreation	Open_Space	1	11.31	\$-			
Erosion_RoadTrail	Residential	Res_Munfacture_Mobile_ Hookups	28	7.95	\$2,312,268			
Erosion_RoadTrail	Residential	Residential	1,604	605.16	\$367,403,762			
Erosion_RoadTrail	Residential	Residential_MultiFamily	115	4.28	\$22,342,893			
Erosion_RoadTrail	SITLA	SITLA	1	-	\$-			

Tooele City - Parcels - Potential Loss Table								
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value			
FEMA_FloodZone	Commercial	Commercial	1	0.08	\$-			
FEMA_FloodZone	None	None	9	159.91	\$315,520			
FEMA_FloodZone	Residential	Res_Munfacture_Mobile_ Hookups	23	6.48	\$1,972,341			
FEMA_FloodZone	Residential	Residential	116	23.64	\$19,390,329			
FEMA_FloodZone	Residential	Residential_MultiFamily	26	0.48	\$3,282,974			

Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value
Flood_SoilsPurdue	Community_Resources	Ed_Kto12	11	34.37	\$-
Flood_SoilsPurdue	Community_Resources	PlaceofWorship	2	6.52	\$45,688
Flood_SoilsPurdue	None	None	41	55.69	\$514,080
Flood_SoilsPurdue	Residential	Res_Munfacture_Mobile_	20	7.05	¢0.040.000
		Hookups	20	7.95	φΖ,31Ζ,200
Flood_SoilsPurdue	Residential	Residential	773	270.72	\$139,686,527
Flood_SoilsPurdue	Residential	Residential_MultiFamily	16	4.10	\$3,240,014
Flood_USUValleyBottom	None	None	2	5.52	\$500
Flood_USUValleyBottom	Residential	Residential	20	7.22	\$4,428,076
Flood_Wetland_Riparian	None	None	2	9.09	\$4,750
TOOELE CITY - PARCELS - POTENTIAL LOSS TABLE					
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value
Flood_DamInundation	Commercial	Commercial	401	1,133.18	\$274,485,549
Flood_DamInundation	Community_Resources	Comm_Center	2	11.43	\$299,150
Flood_DamInundation	Community_Resources	Ed_Kto12	31	106.16	\$7,105,549
Flood_DamInundation	Community_Resources	Ed_Kto12/Comm_Center	1	8.32	\$-
Flood_DamInundation	Community_Resources	Ed_PostHigh	9	40.30	\$873,397
Flood_DamInundation	Community_Resources	Grocery_Store	6	33.99	\$26,355,210
Flood_DamInundation	Community_Resources	Library	1	1.90	\$-
Flood_DamInundation	Community_Resources	Museum	1	0.23	\$500
Flood_DamInundation	Community_Resources	PlaceofWorship	21	38.35	\$1,279,422
Flood_DamInundation	EmergencyServices	Fire_Station	3	21.01	\$10,044,039
Flood_DamInundation	EmergencyServices	Health_Care	33	24.83	\$29,156,979
Flood_DamInundation	EmergencyServices	Health_Care/Ed_PreK	1	1.10	\$1,685,118
Flood_DamInundation	EmergencyServices	Health_Care/Emergency_	4	0.00	ŕ
		Med	1	0.22	D-
Flood_DamInundation	EmergencyServices	Police Department	8	2.95	\$419,463
Flood_DamInundation	EmergencyServices	Police Department/Health_		0.45	¢0,400,000
		Care	1	2.45	\$3,400,068
Flood_DamInundation	EmergencyServices	Police Department/Local_		4.07	¢
		Gov_Fac		1.07	D-

Flood_DamInundation	Energy	Manufacture_Industry	1	20.64	\$1,894,172
Flood_DamInundation	LocalGovernment	Emergency_Med/Local_		0.00	¢
		Gov_Fac	1	0.86	\$-
Flood_DamInundation	LocalGovernment	Local_Gov_Fac	19	5.23	\$219,548
Flood_DamInundation	LocalGovernment	Local_Gov_Fac/		0.00	¢470.000
		PlaceofWorship		0.20	\$470,089
Flood_DamInundation	LocalGovernment	Post_Office	2	0.58	\$-
Flood_DamInundation	"LocalGovernment				
п	None	1	-	\$-	
Flood_DamInundation	None	None	403	5,943.23	\$50,577,419
Flood_DamInundation	Other	Manufacture_Industry	36	408.40	\$29,027,915
Flood_DamInundation	Recreation	Open_Space	24	105.51	\$194,690
Flood_DamInundation	Residential	Res_Munfacture_Mobile_ Hookups	202	160.57	\$31,753,866
Flood_DamInundation	Residential	Residential	5,234	1,690.22	\$914,956,843
Flood_DamInundation	Residential	Residential_Commercial	19	22.96	\$5,296,639
Flood_DamInundation	Residential	Residential_MultiFamily	671	116.58	\$139,422,219
Flood DamInundation	SITLA	SITLA	1	-	\$-

Tooele City - Parcels - Potential Loss Table						
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value	
SteepSlope	None	None	3	287.80	\$143,900	

TOOELE CITY - PARCELS - POTENTIAL LOSS TABLE					
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value
RMRS_WildFireHP_2020	Commercial	Commercial	45	185.59	\$25,903,541
RMRS_WildFireHP_2020	Community_Resources	PlaceofWorship	1	3.10	\$-
RMRS_WildFireHP_2020	EmergencyServices	Correctional_Fac	1	0.53	\$735,000
RMRS_WildFireHP_2020	EmergencyServices	Health_Care	2	5.84	\$5,608,140
RMRS_WildFireHP_2020	EmergencyServices	Police Department/		40.54	¢
		Correctional_Fac		10.51	Ψ-
RMRS_WildFireHP_2020	None	None	204	4,789.33	\$45,495,690
RMRS_WildFireHP_2020	Other	Manufacture_Industry	8	186.48	\$7,677,229
RMRS_WildFireHP_2020	Residential	Res_Munfacture_Mobile_	10	0.00	¢0.740.070
		Hookups	18	6.29	\$2,740,270
RMRS_WildFireHP_2020	Residential	Residential	1,099	466.53	\$223,927,267
RMRS_WildFireHP_2020	Residential	Residential_Commercial	2	99.90	\$3,356,108
RMRS_WildFireHP_2020	Residential	Residential_MultiFamily	92	7.90	\$15,852,921
RMRS_WildFireHP_2020	SITLA	SITLA	1	-	\$-

Tooele City - Parcels - Potential Loss Table								
Hazard	Category	Туре	# of Parcels	# of Acres	# of Total Market Value			
WildlifeAuto	Commercial	Commercial	21	28.58	\$13,184,149			
WildlifeAuto	Community_Resources	Cemetery	2	9.25	\$96,075			
WildlifeAuto	Community_Resources	Grocery_Store	2	2.19	\$2,541,719			
WildlifeAuto	Community_Resources	PlaceofWorship	4	6.46	\$85,000			
WildlifeAuto	EmergencyServices	Fire_Station/Emergency_	4	1 77	¢			
		Med	1	1.77	Ψ-			
WildlifeAuto	EmergencyServices	Health_Care	3	4.35	\$3,340,624			
WildlifeAuto	LocalGovernment	Local_Gov_Fac	5	17.21	\$500			
WildlifeAuto	None	None	32	20.24	\$111,900			
WildlifeAuto	Residential	Res_Munfacture_Mobile_	0	21.06	¢4,262,524			
		Hookups	0	31.90	φ1,302,524			
WildlifeAuto	Residential	Residential	411	127.12	\$83,056,471			
WildlifeAuto	Residential	Residential_Commercial	4	2.42	\$1,059,057			
WildlifeAuto	Residential	Residential_MultiFamily	2	1.47	\$366,445			

5.4.5 TOOELE CITY - MITIGATION STRATAGIES

	TOOELE CITY - COMMUNITY MITIGATION STRATEGIES									
			Protecting	g <u>Current</u> Resid	lents and P	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
Tooele City	Flood Channels	Protect current residents and property	Require channels to be stabilized and adequate prior to development	N/A	High	Ongoing	Developer	City	N/A	Ordinances and plans currently in place
Tooele City	Earthquake	Protect current residents and property	Enforce international building code for all new construction and remodels	N/A	Low	Ongoing	Builder	City, County, Builder	N/A	UGS, USGS, Utah DEM
Tooele City	Landslide	Protect current residents and property	Monitor flood plains for possible areas of failure	N/A	Medium	Ongoing	Grants, State, County	City	N/A	UGS, USGS, Utah DEM
Tooele City	Dam Failure	Protect current residents and property	Dam is under state jurisdiction	N/A	Low	Ongoing	State	State	N/A	Utah Water Resources
Tooele City	Problem Soils	Protect current residents and property	Require geo-technical studies in areas where soils may be a concern	N/A	High	Ongoing	Developer	City	N/A	UGS, USGS, NRCS
Tooele City	Drought	Protect current residents and property	Water conservation schedule in place	N/A	High	Ongoing	N/A	City, County	N/A	NOAA
Tooele City	Severe Weather	Protect current residents and property	Monitor drainage areas	N/A	Low	Ongoing	City, County	City	N/A	NOAA
Tooele City	Wildfire	Protect current residents and property	Review local wildland-urban interface and/or other plans to determine local level risk	N/A	High	Ongoing	City	City	Minimal	Utah FFSL, County
Tooele City	Steep Slope	Protect current residents and property	Review slope maps to help determine more local risks and plan accordingly.	N/A	Medium	Ongoing	City	City	Minimal	UGS
			TOOELE CITY - C	OMMUNITY N	AITIGATI	ON STR	RATEGIES			
			Protectin	g <u>Future</u> Resid	ents and P	roperty				
Jurisdiction	Hazard	Goal	Action	Action (For NFIP Compliance, if	Priority (High,	Time- frame	Potential Funding Sources	Responsible Entity	Estimated Cost	Resources
Tooele City	Flood Channels	Protect future residents and property	Require channels to be stabilized and adequate prior to development	N/A	High	ongoing	builder	City	N/A	Ordinances and plans currently in place
Tooele City	Earthquake	Protect future residents and property	Enforce International building code for all new developemtn	N/A	High	Ongoing	Builder	City, County, Builder	N/A	UGS, USGS, Utah DEM
Tooele City	Landslide	Protect future residents and property	Ordinance in place to restrict building on steep slopes	N/A	High	Ongoing	City, County	City	N/A	UGS, USGS, Utah DEM
Tooele City	Dam Failure	Protect future residents and property	Dam is under state jurisdiction	N/A	Low	Ongoing	State	State	N/A	Utah Water Resources
Tooele City	Problem Soils	Protect future residents and property	Require geo-technical studies in areas where soils may be a concern	N/A	High	Ongoing	Developer	City	N/A	UGS, USGS, NRCS
Tooele City	Drought	Protect future residents and property	Enforce water conservation schedule possibly amend if the need arises	N/A	High	Ongoing	N/A	City, County	N/A	NOAA
Tooele City	Severe Weather	Protect future residents and property	Monitor drainage areas enforce building code and design criteria for snow load, etc.	N/A	Low	Ongoing	City, County	City	N/A	NOAA
Tooele City	Wildfire	Protect future residents and property	Review local wildfire ordinances and wildland-urban interface policies and plans.	N/A	High	2017	City, County	City/District	Minimal	Utah FFSL, County
Tooele City	Steep Slope	Protect future residents and property	Review local slope ordinances and work with UGS to determine dangerous slope percentages for structures	N/A	Medium	2017	City	City	Minimal	Utah DEM

5.5 VERNON CITY

RISK SUMMARY

- Dam Inundation
- Engineering Problem Soils
- Erosion
- Flood
- Wildfire

FUTURE DEVELOPMENT RISK

New areas of development are planned for the east side of SR 36 of Vernon. These areas are susceptible to wildfire, drought and severe weather events.

Figure 5.2.1. Aerial map of Eureka. The city was located in the East Tintic Mountains.

Miles

0.75

5.5.1 VERNON CITY - HAZARDS

VERNON CITY ·	Vernon City - Risk Summary										
Hazard Type	Fut zard Type Probability of Population Property Econmic Develo Occurence Impact Impact Impact Impact Imp			Future Development Impact	Overall Risk						
Dam Inundation	Low	Moderate	Moderate	Нідн	Low	Low					
Engineering Problem Soils	Нідн	Low	Moderate	MODERATE	Moderate	Moderate					
Erosion	Нідн	LOW	Нідн	Нідн	Moderate	Нідн					
Flood	Нідн	MODERATE	Нідн	Нідн	Moderate	Нідн					
Wildfire	Нідн	Нідн	Нідн	Нідн	Moderate	Нідн					

HAZTYPE / ACRES

Engineering Problem Soils	2,347
Erosion	959
FEMA_Flood Zone	217
Flood_Dam Inundation	268
Flood_USU Valley Bottom	233
Flood_Wetland & Riparian	60
Wildfire Hazard Potential	3,962



5.5.1 VERNON CITY - HAZARDS



5.5.1 VERNON CITY - HAZARDS

Flood USU Valley Bottom	Flood_Dam Inundation	Wildfire Hazard Potential
233	<u>268</u>	<u>3,962</u>
Flood Wetland & Riparian		
60		
	risk summary text	
risk summary text		-
		risk summary text
Den Yours Mar & E &	Sand Manual Manual Contraction of the	The Works William Street Barrier
0 075 15 Å	0 0.75 15 Min	0 075 15 Mas A

5.5.2 VERNON CITY - RISK ASSESMENT RESULTS - STRUCTURES

Vernon City - Building Footprint - Potential Loss Table						
Hazard	Category	Туре	# of Facilities			
DwellingsWithBasements		Grocery_Store	1			
DwellingsWithBasements		Well	1			
DwellingsWithBasements	Other	Out	1			
DwellingsWithBasements		Commercial_ Residential	4			
DwellingsWithBasements		Manufactured	11			
DwellingsWithBasements		Res_MobileHome	7			
DwellingsWithBasements		Residential	106			
DwellingsWithoutBasements		Grocery_Store	1			
DwellingsWithoutBasements		Well	1			
DwellingsWithoutBasements	Other	Out	1			
DwellingsWithoutBasements		Commercial_ Residential	4			
DwellingsWithoutBasements		Manufactured	11			
DwellingsWithoutBasements		Res_MobileHome	7			
DwellingsWithoutBasements		Residential	106			
Erosion_RoadTrail		Grocery_Store	1			
Erosion_RoadTrail		Well	1			
Erosion_RoadTrail		Commercial_ Residential	4			
Erosion_RoadTrail		Manufactured	11			
Erosion_RoadTrail		Res_MobileHome	4			
Erosion_RoadTrail		Residential	75			
Flood_DamInundation	Other	Out	1			
Flood_DamInundation		Residential	10			
Flood_Wetland_Riparian		Residential	3			
RMRS_WildFireHP_2020		Grocery_Store	1			
RMRS_WildFireHP_2020		FireStation	4			
RMRS_WildFireHP_2020	Other	Out	2			
RMRS_WildFireHP_2020		Manufactured	22			
RMRS_WildFireHP_2020		Res_MobileHome	10			
RMRS_WildFireHP_2020		Residential	86			

5.5.3 VERNON CITY - RISK ASSESMENT RESULTS - CRITICAL FACILITIES

VERNON CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE						
Hazard	Category	Туре	# of Facilities			
	Community	Cemetery	1			
	Water	Well_Log	64			
	Community	Cemetery	1			
	Water	Well_Log	64			
Erosion_RoadTrail	Community	Cemetery	1			
Erosion_RoadTrail	Water	Well_Log	20			
FEMA_FloodZone	Water	Well_Log	1			
Flood_	Water	Well_Log	40			
DamInundation			13			
Flood_	Water	Well_Log				
USUValleyBottom			2			
RMRS_	Community	Cemetery				
WildFireHP_2020			1			
RMRS_	Emergency	FireStation				
WildFireHP_2020			1			
RMRS_	Water	Well_Log	70			
WildFireHP_2020			76			

5.5.4 VERNON CITY - MITIGATION STRATAGIES

VERNON - 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
Vernon	All	Protect current residents and property	County-wide emergency preparedness fair	N/A	Medium	2017	County/ Town	County	N/A	FEMA, State of Utah, County Planners
Vernon	Wildfire	Protect current residents and property	Town Code and Ordinance requirements for defensive space and fue control.	N/A	Medium- High	2016-2017	Town/ FEMA/HDPS	Town	\$1,500	TC EOC/ DHS
Vernon	Severe Weather	Protect current residents and property	Provide adequate funding and rainy day for emergency snow remova-	IN/A	Medium- High	2017	Town	Town	\$5,000	GF/ TC for major emergency
Vernon	Earthquakes	Protect current residents and property	Review current code insp. Old school work with district groups	TCSD- Town- FEMA	Medium	2017	TCSD- Town- FEMA	Town	\$250,000	Taxes- Grants- FEMA- Utah State Gov.
Vernon	Drought	Protect current residents and property	Steps to protect water develop plan for emergency . Protect VIC Irrigation water.	N/A	Medium	2018	Grant	Town, County	\$10,000	NOAA
Vernon	Dam Failure	Protect current residents and property	Assure flood plain residents above detention. Zoning	Assure flood plain residents above detention. Zoning	Low- Medium	2017	Town, NFIP	Town	\$10,000	FEMA State of Utah, Tooele County
Vernon	Problem Soils	Protect current residents and property	Identify residents/ property at risk for problem soils	Building Code review by T.C. rework planning maps	Medium	2018	G.F. Town	Town	\$1,000	Tooele County Mapping
Vernon	Landslides	Protect current residents and property	Check to see if FEMA and county maps are correct and potential for landslide.	N/A Review maps with planning comission	Low	2020	Unknown	Town, County	Unknown	FEMA- Tooele County
Vernon	Radon	Protect current residents and property	Community education, potential risk	Notice in newsletter of radon risk	Low	2018	G.F. Town	Town	\$500	State of Utah, FEMA, OSHA
Vernon	Flood	Protect current residents and property	Talk with the State of Utah Floodplain Manager about the benefits o joining NFIP and update accordingly.	Talk with the State of Utah Floodplain Manager about the benefits of joining NFIP and update accordingly.	Medium	2017	Town	Town	Minimal	State DEM, FEMA
Vernon	Steep Slopes	Protect current residents and property	Review local slope ordinances and work with UGS to determine dangerous slope percentages for structures.	N/A	Medium	2017	Town	Town	Minimal	UGS
Vernon	High Water Table	Protect current residents and property	Review local slope ordinances and work with UGS to determine dangerous slope percentages for structures.	N/A	Medium	2017	Town	Town	Minimal	UGS, NRCS
		· · · ·	VERNON - COM	MUNITY MIT	IGATION	STRAT	TEGIES			
			Protectin	g <u>Future</u> Resid	ents and P	roperty				
Jurisdiction	Hazard	Goal	Action	Action (For NFIP Compliance, if	Priority (High,	Time- frame	Potential Funding Sources	Responsible Entity	Estimated Cost	Resources
Vernon	All	Protect future residents and property	County-wide emergency preparedness fair	N/A	Medium	2017	County/ Town	County	N/A	FEMA, State of Utah, County Planners
Vernon	Wildfire	Protect future residents and property	Require defensible set backs in ordinance, EMT communications	N/A	Medium	2017	Same	Town, County	\$1,500	Same
Vernon	Severe Weather	Protect future residents and property	None, emergency power emergency communications	N/A	Medium	2017	Town/ DHS	Town, County	\$5,000	NOAA
Vernon	Earthquakes	Protect future residents and property	Enforce county code building requirements. Emergency power and water.	N/A	Medium	2017	Town	Town	\$12,000	Surplus Property
Vernon	Drought	Protect future residents and property	Assure that Rush Valley water remains in Rush Valley	N/A	Medium	2018	Grant- Town- FEMA- State Water Board	Town, Rush Valley	\$10,000	State of Utah
Vernon	Dam Failure	Protect future residents and property	Assure code and zoning limit new construction	Maybe	Low- Medium	2018	Federal, State, Tooele County	Town	\$1,000	State of Utah, Tooele County
Vernon	Problem Soils	Protect future residents and property	Advise potential building of location with questionable soils. Update maps,	Update Maps	Medium	2018	Town	Town	\$1,000	Mapping resources Tooele County
Vernon	Landslides	Protect future residents and property	See Above Current Plan	N/A Review maps with planning comission	Low	2020	Unknown	Town, County	Unknown	FEMA- Tooele County
Vernon	Radon	Protect future residents and property	Construction codes/ advise new home builders	notice by planning commision to for new construction	Low	2020	G.F. Town, Vernon Town	Town	\$500	State of Utah, FEMA, OSHA
Vernon	Flood	Protect future residents and property	Talk with the State of Utah Floodplain Manager about the benefits o joining NFIP and update accordingly.	Talk with the State of Utah Floodplain Manager about the benefits of joining NFIP and update accordingly.	Medium	2017	Town	Town	Minimal	State DEM, FEMA
Vernon	Steep Slopes	Protect future residents and property	Review local ordinances and determine if they need to be updated to better prevent development in high slope areas.	N/A	Medium	2017	Town	Town	Minimal	UGS
Vernon	High Water Table	Protect future residents and property	Review local ordinances and update to only allow structures with proper mitigation measures in high water table areas.	N/A	Medium	2017	Town	Town	Minimal	UGS, NRCS

5.6 WENDOVER

RISK SUMMARY

- Avalanche Terrain
- Engineering Problem Soils
- Erosion
- Flood
- Steep Slope

FUTURE DEVELOPMENT RISK

text



Figure 5.2.1. Aerial map of Eureka. The city was located in the East Tintic Mountains.

5.6.1 WENDOVER - HAZARDS

Wendover City - Risk Summary									
Hazard Type	Probability of Occurence	Population Impact	Property Impact	Econmic Impact	Future Development Impact	Overall Risk			
Avalanche Terrain	Нідн	LOW	LOW	LOW	LOW	LOW			
Engineering Problem Soils	Moderate	LOW	MODERATE	Moderate	Moderate	Moderate			
Erosion	Нідн	LOW	Нідн	Нідн	LOW	Нідн			
Flood	Нідн	Moderate	HIGH	Moderate	Moderate	Нідн			
Steep Slope	Low	LOW	LOW	LOW	MODERATE	LOW			

HAZTYPE / ACRES

216
4,309
778
115
161
1,554
350



5.6.1 WENDOVER - RISK ASSESMENT RESULTS

Avalanch Terrain	Engineering Problem Soils	Erosion
216	<u>4,309</u>	118
risk summary text	risk summary text	
		risk summary text
Ver Wendorer	Nord Windows	Ned Veradore
NEADA	O'UNIN CONTRACTOR	FUNDAR AND

5.6.1 WENDOVER - RISK ASSESMENT RESULTS

FEMA_Flood Zone 115	Flood_Wetland & Riparian <u>161</u> Flood_Soils Purdue <u>1,554</u>	Steep Slope 350
risk summary text	risk summary text	risk summary text

5.6.2 WENDOVER - RISK ASSESMENT RESULTS - STRUCTURES

WENDOVER CITY	- Building Footprint - Potenti	al Loss Table		WENDOVER CITY - BUI	lding Footprint - Potenti	al Loss Table	
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilitie
	Commercial	Commercial	153		Residential	Manufactured	4
	Community Resource	Ed_Kto12	1		Residential	Res_MobileHome	16
	Community Resource	Museum	5		Residential	Residential	18
	Community Resource	PlaceofWorship	2	Erosion_	Commercial	Commercial	
	Emergency Facility	FireStation	1	OffRoadTrail			8
	Emergency Facility	MedicalFacility	2	Erosion	Community Resource	Ed Kto12	
	Government Facility	LocalGov	3	OffRoadTrail		_	1
	Government Facility	Well	1	Erosion	Community Resource	PlaceofW/orship	
	Industrical	Industrial	22			1 laceor vorsnip	2
	Residential	Apartment	9			Marchard Francisco	
	Residential	Commercial_		Erosion_	Emergency Facility	MedicalFacility	2
		Residential	3	OffRoadTrail			
	Residential	Duplex	1	Erosion_	Government Facility	LocalGov	3
	Residential	Fourplex_Triplex	9	OffRoadTrail			
	Residential	Manufactured	4	Erosion_	Government Facility	Well	1
	Residential	Res_MobileHome	16	OffRoadTrail			, i
	Residential	Residential	18	Erosion_	Industrical	Industrial	0
	Commercial	Commercial	153	OffRoadTrail			2
	Community Resource	Ed_Kto12	1	Erosion_	Residential	Apartment	_
	Community Resource	Museum	5	OffRoadTrail			8
	Community Resource	PlaceofWorship	2	Erosion	Residential	Commercial	
	Emergency Facility	FireStation	1	OffRoadTrail		 Residential	3
	Emergency Facility	MedicalFacility	2	Erosion	Residential		
	Government Facility	LocalGov	3	OffDoodTroil	Residentia		9
	Government Facility	Well	1		Decidential	Manarifa atuma d	
	Industrical	Industrial	22	Erosion_	Residential	Manufactured	1
	Residential	Apartment	9	OffRoadTrail			
	Residential	Commercial_		Erosion_	Residential	Residential	17
		Residential	3	OffRoadTrail			
	Residential	Duplex	1	Erosion_RoadTrail	Commercial	Commercial	8
	Residential	Fourplex Triplex	9	Erosion_RoadTrail	Community Resource	Ed_Kto12	1

5.6.2 WENDOVER - RISK ASSESMENT RESULTS - STRUCTURES

Wendover City - Building Footprint - Potential Loss Table						
Hazard	Category	Туре	# of Facilities			
Erosion_RoadTrail	Community Resource	PlaceofWorship	2			
Erosion_RoadTrail	Emergency Facility	MedicalFacility	2			
Erosion_RoadTrail	Government Facility	LocalGov	3			
Erosion_RoadTrail	Government Facility	Well	1			
Erosion_RoadTrail	Industrical	Industrial	2			
Erosion_RoadTrail	Residential	Apartment	8			
Erosion_RoadTrail	Residential	Commercial_	0			
		Residential	3			
Erosion_RoadTrail	Residential	Fourplex_Triplex	9			
Erosion_RoadTrail	Residential	Manufactured	1			
Erosion_RoadTrail	Residential	Residential	17			
FEMA_FloodZone	Commercial	Commercial	11			
FEMA_FloodZone	Commercial	Grocery_Store	1			
FEMA_FloodZone	Community Resource	Ed_Kto12	2			
FEMA_FloodZone	Community Resource	Ed_PreK	1			
FEMA_FloodZone	Community Resource	PlaceofWorship	1			
FEMA_FloodZone	Emergency Facility	MedicalFacility	2			
FEMA_FloodZone	Government Facility	Post_Office	1			
FEMA_FloodZone	Government Facility	Well	1			
FEMA_FloodZone	Residential	Apartment	14			
FEMA_FloodZone	Residential	Duplex	3			
FEMA_FloodZone	Residential	Fourplex_Triplex	10			
FEMA_FloodZone	Residential	Manufactured	12			
FEMA_FloodZone	Residential	Res_MobileHome	27			
FEMA_FloodZone	Residential	Residential	79			
Flood_SoilsPurdue	Commercial	Commercial	137			
Flood_SoilsPurdue	Community Resource	Museum	5			
Flood_SoilsPurdue	Emergency Facility	FireStation	1			
Flood_SoilsPurdue	Industrical	Industrial	1			
Flood_SoilsPurdue	Residential	Apartment	1			
Flood_SoilsPurdue	Residential	Duplex	1			

WENDOVER CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE						
Hazard Category Type # of F						
Flood_SoilsPurdue	Residential	Manufactured	3			
Flood_SoilsPurdue	Residential	Res_MobileHome	16			
Flood_SoilsPurdue	Residential	Residential	1			

5.6.3 WENDOVER - RISK ASSESMENT RESULTS - CRITICAL FACILITIES

WENDOVER CITY	- CRITICAL FACILITIES - POTE	NTIAL LOSS TABLE		WENDOVER CITY - C	Critical Facilities - Pote	NTIAL LOSS TABLE	
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
	Community	ED_K12	1		Recreation	Museum	1
	Community	PlaceofWorship	1		Transportation	Airport	2
	Emegency		1		Transportation	Bridge_Road	3
	Emergency	FireStation	1		Water	Well_Log	18
	Emergency	HealthCareFacility	2		Water	Well_	1
	Other	Tower_	6	Erosion_	Community	ED_K12	
	Other	Tower_Cellular	2	OffRoadTrail			1
	Other	Tower_	4	Erosion	Community	PlaceofWorship	
		FMTransmission	1	OffRoadTrail			1
	Other	Tower_	16	Frosion	Emegency		
	Other	Tower_		OffDoodTroil			1
		MicrowaveService	10	Erosion	Emorgonov	HoolthCoroEccility	_
	Other	Tower_TVAnalog	5		Enlergency	Treattricateracility	2
	Recreation	Museum	1	OffRoad I rail			_
	Transportation	Airport	2	Erosion_	Other	lower_	4
	Transportation	Bridge_Road	3	OffRoadTrail			
	Water	Well_Log	18	Erosion_	Other	Tower_Cellular	2
	Water	Well_	1	OffRoadTrail			
	Community	ED_K12	1	Erosion_	Other	Tower_	1
	Community	PlaceofWorship	1	OffRoadTrail		FMTransmission	
	Emegency		1	Erosion_	Other	Tower_	4.4
	Emergency	FireStation	1	OffRoadTrail			11
	Emergency	HealthCareFacility	2	Erosion_	Other	Tower_	
	Other	Tower_	6	OffRoadTrail		MicrowaveService	8
	Other	Tower_Cellular	2	Erosion_	Other	Tower_TVAnalog	
	Other	Tower_		OffRoadTrail			5
		FMTransmission	1	Erosion	Transportation	Bridge Road	-
	Other	Tower_	16	OffRoadTrail			2
	Other	Tower_		Frosion	Water	Well Log	
		MicrowaveService	10		VACION	wen_cog	4
	Other	Tower TVAnalog	5	Ulikoad Irali			

5.6.3 WENDOVER - RISK ASSESMENT RESULTS - CRITICAL FACILITIES

Wendover City - Critical Facilities - Potential Loss Table						
Hazard	Category	Туре	# of Facilities			
Erosion_RoadTrail	Community	ED_K12	1			
Erosion_RoadTrail	Community	PlaceofWorship	1			
Erosion_RoadTrail	Emegency		1			
Erosion_RoadTrail	Emergency	HealthCareFacility	2			
Erosion_RoadTrail	Other	Tower_	4			
Erosion_RoadTrail	Other	Tower_Cellular	2			
Erosion_RoadTrail	Other	Tower_	4			
		FMTransmission	1			
Erosion_RoadTrail	Other	Tower_	11			
Erosion_RoadTrail	Other	Tower_				
		MicrowaveService	8			
Erosion_RoadTrail	Other	Tower_TVAnalog	5			
Erosion_RoadTrail	Transportation	Bridge_Road	2			
Erosion_RoadTrail	Water	Well_Log	4			
FEMA_FloodZone	Community	Ed_PreK	1			
FEMA_FloodZone	Community	GroceryStore	1			
FEMA_FloodZone	Community	PlaceofWorship	2			
FEMA_FloodZone	Emergency	HealthCareFacility	2			
FEMA_FloodZone	Government	PostOffice	1			
FEMA_FloodZone	Transportation	Bridge_Road	2			
FEMA_FloodZone	Water	Well_Log	7			
Flood_SoilsPurdue	Emergency	FireStation	1			
Flood_SoilsPurdue	Other	Tower_	2			
Flood_SoilsPurdue	Other	Tower_	3			
Flood_SoilsPurdue	Other	Tower_				
		MicrowaveService	2			
Flood_SoilsPurdue	Recreation	Museum	1			
Flood_SoilsPurdue	Transportation	Airport	2			
Flood_SoilsPurdue	Transportation	Bridge_Road	1			
Flood_SoilsPurdue	Water	Well_Log	10			

Wendover City - Critical Facilities - Potential Loss Table							
Hazard	Category	Туре	# of Facilities				
Flood_Wetland_ Riparian	Other	Tower_	1				
SteepSlope	Other	Tower_	1				

5.6.4 WENDOVER - MITIGATION STRATAGIES

WENDOVER - COMMUNITY MITIGATION STRATEGIES										
			Protecting	g <u>Current</u> Resid	ents and P	roperty				
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
	1	I	WENDOVER - CC	OMMUNITY M	ITIGATIO	N STR	ATEGIES	<u> </u>	<u> </u>	
			Protectin	ng <u>Future</u> Reside	ents and Pr	roperty				
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
<u> </u>	L			<u> </u>			1	<u> </u>	<u> </u>	

5.7 UNICORPORATED TOOELE COUNTY

RISK SUMMARY

- Alluvial Fans
- Avalanche Terrain
- Debris Flow
- Earthquake
- Engineering Problem Soils
- Erosion
- Flood
- Landslide
- Steep Slope
- Wildfire
- Wildlife / Auto

FUTURE DEVELOPMENT RISK

<u>Erda</u>

New Development is a proposed for around 1.000 homes on the east side of Erda between Lake Point and Pine Canyon. Additional developments have been proposed in the northwest side of Erda around the Mid Valley Highway. Each of these homes could potentially be affected by wildfire, landslides, and geologic hazards.

Lake Point

Two proposed developments are planned for this area. The east side of Erda between Lake Point and Pine Canyon is the first. The second is the north east side of the area which are in areas which are prone to be affected by flooding wildfire, landslides, and geologic hazards.

Dugway

No concerns involving potential future

development within Dugway were reported by community representatives.

<u>Ophir</u>

Goshute

Future Development No concerns involving potential future development within the Goshute Reservation were reported by community representatives.

Pine Canyon

Currently, there is a proposed development of around 1.000 homes on the east side of Erda between Lake Point and Pine Canyon. These homes could potentially be affected by wildfire, landslides, and geologic hazards.

Skull Valley

No concerns involving potential future development within Skull Valley were reported by community representatives.

Stansbury Park

There is a new development planned in two areas of Stansbury Park. South of Bates Canyon and west of SR 36 in the Stansbury Park area. The second area is the Northwest side of Stansbury, specifically northwest of Village Blvd. This new development could potentially be susceptible to wildfire hazards, soil liquefaction during an earthquake, a highwater table and severe weather events.



Figure 5.2.1. Aerial map of Eureka. The city was located in the East Tintic Mountains.

HAZTYPE / ACRES

Alluvial Fan	6,685
Avalanch Terrain	233,042
Debris Flow	77,247
Engineering Problem Soils	344,194
DwellingsWithoutBasements	3,493,331
DwellingsWithBasements	3,493,331
Erosion_Off Road Trail	707,548
Erosion_Road Trail	1,513,044
Fault Hazard Zone	121,314
FEMA Flood Zone	149
Flood Dam Inundation	26,325
Flood_Great Salt Lake	263,587
Flood_Soils Purdue	164,050
Flood_USU Valley Bottom	10,775
Flood Wetland & Riparian	1,710,231
Landslide	5,636
Liquefaction	63,246
Steep Slope	491,633
Wildfire Hazard Potential	1,358,999
Wildlife Auto	252



UNICORPORTATED TOOELE COUNTY - RISK SUMMARY									
Hazard Type	Probability of Occurence	Population Impact	Property Impact	Econmic Impact	Future Development Impact	Overall Risk			
Alluvial Fans	Moderate	LOW	MODERATE	LOW	HIGH	LOW			
Avalanche Terrain	HIGH	LOW	LOW	LOW	LOW	LOW			
Debris Flow	MODERATE	LOW	MODERATE	MODERATE	MODERATE	Moderate			
Earthquake	LOW	HIGH	HIGH	HIGH	LOW	Нідн			
Engineering Problem Soils	MODERATE	LOW	MODERATE	MODERATE	MODERATE	MODERATE			
Erosion	HIGH	LOW	HIGH	HIGH	MODERATE	HIGH			
Flood	HIGH	MODERATE	HIGH	HIGH	Moderate	Нідн			
Landslide	MODERATE	LOW	HIGH	LOW	LOW	LOW			
Steep Slope	HIGH	LOW	LOW	LOW	LOW	LOW			
Wildfire	Нідн	Нідн	Нідн	Ндн	MODERATE	Нідн			
Wildlife / Auto	HIGH	MODERATE	MODERATE	MODERATE	LOW	LOW			

Alluvial Fan

6,685

risk summary text



Avalanch Terrain 233,042

risk summary text

Debris Flow 77,247

risk summary text

Engineering Problem Soils 344,194 DwellingsWithoutBasements 3,493,331 DwellingsWithBasements 3,493,331

risk summary text



Erosion_Off Road Trail

707,548 Erosion_Road Trail 1,513,044

risk summary text

Fault Hazard Zone 121,314 Liquefaction 63,246

FEMA_Flood Zone

<u>149</u>

risk summary text

risk summary text



Flood_Great Salt Lake	Dam Inundation	26,325	
<u>263,587</u>		Landslide	
Flood_Soils Purdue		<u>5,636</u>	
<u>164,050</u>	risk summarv text		
Flood_USU Valley Bottom			
<u>10,775</u>			
Flood_Wetland & Riparian			
<u>1,710,231</u>			
		_	
-			
		risk summary text	
risk summary text			



. You way

Steep Slope Wildfire Hazard Potential Wildlife Auto 491,633 1,358,999 252 risk summary text risk summary text risk summary text



5.7.2 UNICORPORATED TOOELE COUNTY - RISK ASSESSMENT RESULTS - STRUCTURES

UNICORPORATED TOOELE COUNTY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			UNICORPORATED TOOEL	E COUNTY - BUILDING FOOT	PRINT - POTENTIAL LOSS TA	BLE	
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
AlluvialFan	Commercial	Commercial	3		Government Facility	Well	2
AlluvialFan	Community Resource	PlaceofWorship	1		Industrical	Industrial	217
AlluvialFan	Government Facility	LocalGov	1		Industrical	Rail	9
AlluvialFan	Government Facility	Military	2		Other	Out	78
AlluvialFan	Industrical	Industrial	2		Recreation Facility	HistoricSite	1
AlluvialFan	Other	Out	1		Residential	Commercial_	24
AlluvialFan	Residential	Duplex	2			Residential	24
AlluvialFan	Residential	Manufactured	9		Residential	Condominium	14
AlluvialFan	Residential	Res_MobileHome	1		Residential	Duplex	5
AlluvialFan	Residential	Residential	209		Residential	Manufactured	139
AvalanchTerrain	Commercial	Commercial	1		Residential	Res_LowIncome	63
AvalanchTerrain	Community Resource	Community Center	3		Residential	Res_MobileHome	102
AvalanchTerrain	Other	Out	2		Residential	Res_Modular	14
AvalanchTerrain	Residential	Res_MobileHome	2		Residential	Residential	3169
AvalanchTerrain	Residential	Res_Modular	1		Commercial	Commercial	99
AvalanchTerrain	Residential	Residential	4		Commercial	Grocery_Store	2
DebrisFlow	Commercial	Commercial	1		Community Resource	Community Center	21
DebrisFlow	Community Resource	Community Center	2		Community Resource	Ed_Kto12	7
DebrisFlow	Other	Out	4		Community Resource	Ed_PreK	4
DebrisFlow	Residential	Manufactured	1		Community Resource	PlaceofWorship	6
DebrisFlow	Residential	Res_MobileHome	1		Emergency Facility	FireStation	7
DebrisFlow	Residential	Residential	15		Government Facility	LocalGov	29
	Commercial	Commercial	99		Government Facility	Military	207
	Commercial	Grocery_Store	2		Government Facility	Well	2
	Community Resource	Community Center	21		Industrical	Industrial	217
	Community Resource	Ed_Kto12	7		Industrical	Rail	9
	Community Resource	Ed_PreK	4		Other	Out	78
	Community Resource	PlaceofWorship	6		Recreation Facility	HistoricSite	1
	Emergency Facility	FireStation	7		Residential	Commercial_	24
	Government Facility	LocalGov	29		-	Residential	
	Government Facility	Military	207		Residential	Condominium	14

5.7.2 UNICORPORATED TOOELE COUNTY - RISK ASSESMENT RESULTS - STRUCTURES

UNICORPORATED TOOELE COUNTY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE				UNICORPORATED TOOELE COUNTY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
	Residential	Duplex	5	Erosion_RoadTrail	Community Resource	Community Center	17
	Residential	Manufactured	139	Erosion_RoadTrail	Community Resource	PlaceofWorship	1
	Residential	Res_LowIncome	63	Erosion_RoadTrail	Emergency Facility	FireStation	6
	Residential	Res_MobileHome	102	Erosion_RoadTrail	Government Facility	LocalGov	15
	Residential	Res_Modular	14	Erosion_RoadTrail	Government Facility	Military	174
	Residential	Residential	3169	Erosion_RoadTrail	Government Facility	Well	2
Erosion_	Commercial	Commercial	5	Erosion_RoadTrail	Industrical	Industrial	46
				Erosion_RoadTrail	Industrical	Rail	2
Erosion_ OffRoadTrail	Community Resource	Community Center	9	Erosion_RoadTrail	Other	Out	38
Frosion	Emergency Eacility	FireStation		Erosion_RoadTrail	Recreation Facility	HistoricSite	1
OffRoadTrail			1	Erosion_RoadTrail	Residential	Commercial_ Residential	19
OffRoadTrail	Government Facility	LocalGov	3	Erosion_RoadTrail	Residential	Condominium	12
Erosion	Government Facility	Military		Erosion_RoadTrail	Residential	Duplex	2
OffRoadTrail			2	Erosion_RoadTrail	Residential	Manufactured	67
Erosion_	Government Facility	Well	1	Erosion_RoadTrail	Residential	Res_LowIncome	29
OffRoad I rail				Erosion_RoadTrail	Residential	Res_MobileHome	67
Erosion_ OffRoadTrail	Industrical	Industrial	20	Erosion_RoadTrail	Residential	Res_Modular	11
Erosion	Other	Out		Erosion_RoadTrail	Residential	Residential	756
OffRoadTrail			10	FaultHazardZone	Commercial	Commercial	10
Erosion_	Recreation Facility	HistoricSite	1	FaultHazardZone	Government Facility	LocalGov	3
OffRoadTrail			'	FaultHazardZone	Government Facility	Military	8
Erosion_	Residential	Commercial_	1	FaultHazardZone	Government Facility	Well	1
Fragion	Posidontial	Residential		FaultHazardZone	Industrical	Industrial	2
OffRoadTrail	Residential	Res_wobliehome	12	FaultHazardZone	Other	Out	13
Erosion_ OffRoadTrail	Residential	Res_Modular	2	FaultHazardZone	Residential	Commercial_ Residential	2
Erosion	Residential	Residential	15	FaultHazardZone	Residential	Manufactured	17
OffRoadTrail			45	FaultHazardZone	Residential	Res_MobileHome	7
Erosion_RoadTrail	Commercial	Commercial	58	FaultHazardZone	Residential	Residential	123
Erosion_RoadTrail	Commercial	Grocery_Store	2	FEMA_FloodZone	Residential	Residential	6

5.7.2 UNICORPORATED TOOELE COUNTY - RISK ASSESMENT RESULTS - STRUCTURES

UNICORPORATED TOOELE COUNTY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE							
Hazard	Category	Туре	# of Facilities				
Flood_ DamInundation	Commercial	Commercial	26				
Flood_ DamInundation	Community Resource	PlaceofWorship	1				
Flood_ DamInundation	Emergency Facility	FireStation	1				
Flood_ DamInundation	Government Facility	LocalGov	2				
Flood_ DamInundation	Government Facility	Military	4				
Flood_ DamInundation	Industrical	Industrial	12				
Flood_ DamInundation	Other	Out	9				
Flood_ DamInundation	Residential	Duplex	2				
Flood_ DamInundation	Residential	Manufactured	47				
Flood_ DamInundation	Residential	Res_MobileHome	22				
Flood_ DamInundation	Residential	Residential	347				
Flood_GSL	Industrical	Industrial	4				
Flood_GSL	Industrical	Rail	1				
Flood_SoilsPurdue	Commercial	Grocery_Store	1				
Flood_SoilsPurdue	Community Resource	Community Center	1				
Flood_SoilsPurdue	Community Resource	PlaceofWorship	1				
Flood_SoilsPurdue	Industrical	Industrial	4				
Flood_SoilsPurdue	Industrical	Rail	1				
Flood_SoilsPurdue	Other	Out	15				
Flood_SoilsPurdue	Residential	Commercial_ Residential	9				
Flood_SoilsPurdue	Residential	Manufactured	10				
Flood_SoilsPurdue	Residential	Residential	95				

UNICORPORATED TOOELE COUNTY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE							
Hazard	Category	Туре	# of Facilities				
Flood_ USUValleyBottom	Commercial	Grocery_Store	1				
Flood_ USUValleyBottom	Community Resource	Ed_Kto12	1				
Flood_ USUValleyBottom	Community Resource	PlaceofWorship	1				
Flood_ USUValleyBottom	Other	Out	8				
Flood_ USUValleyBottom	Residential	Commercial_ Residential	9				
Flood_ USUValleyBottom	Residential	Manufactured	4				
Flood_ USUValleyBottom	Residential	Res_MobileHome	10				
Flood_ USUValleyBottom	Residential	Residential	32				
Flood_Wetland_ Riparian	Commercial	Commercial	12				
Flood_Wetland_ Riparian	Community Resource	Community Center	1				
Flood_Wetland_ Riparian	Community Resource	PlaceofWorship	1				
Flood_Wetland_ Riparian	Government Facility	LocalGov	4				
Flood_Wetland_ Riparian	Government Facility	Military	3				
Flood_Wetland_ Riparian	Industrical	Industrial	3				
Flood_Wetland_ Riparian	Industrical	Rail	4				
Flood_Wetland_ Riparian	Other	Out	5				
Flood_Wetland_ Riparian	Residential	Commercial_ Residential	1				
Flood_Wetland_ Riparian	Residential	Condominium	5				
5.7.2 UNICORPORATED TOOELE COUNTY - RISK ASSESMENT RESULTS - STRUCTURES

UNICORPORATED TOOELE COUNTY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE						
Hazard	Category	Туре	# of Facilities			
Flood_Wetland_ Riparian	Residential	Duplex	1			
Flood_Wetland_ Riparian	Residential	Fourplex_Triplex	1			
Flood_Wetland_ Riparian	Residential	Manufactured	2			
Flood_Wetland_ Riparian	Residential	Res_LowIncome	2			
Flood_Wetland_ Riparian	Residential	Res_MobileHome	1			
Flood_Wetland_ Riparian	Residential	Residential	247			
Liquefaction	Commercial	Commercial	84			
Liquefaction	Commercial	Grocery_Store	1			
Liquefaction	Community Resource	Community Center	3			
Liquefaction	Community Resource	Ed_Kto12	9			
Liquefaction	Community Resource	Ed_PreK	5			
Liquefaction	Community Resource	PlaceofWorship	7			
Liquefaction	Emergency Facility	FireStation	1			
Liquefaction	Emergency Facility	MedicalFacility_ Grocery_Store	1			
Liquefaction	Government Facility	LocalGov	23			
Liquefaction	Industrical	Industrial	30			
Liquefaction	Industrical	Rail	1			
Liquefaction	Other	Out	16			
Liquefaction	Residential	Commercial_ Residential	11			
Liquefaction	Residential	Condominium	52			
Liquefaction	Residential	Duplex	4			
Liquefaction	Residential	Manufactured	70			
Liquefaction	Residential	Res_LowIncome	63			
Liquefaction	Residential	Res_MobileHome	60			
Liquefaction	Residential	Res_Modular	6			

UNICORPORATED TOOELE COUNTY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE							
Hazard	Category	Туре	# of Facilities				
Liquefaction	Residential	Residential	3405				
Liquefaction	Transportation Facility	Parking	3				
RMRS_ WildFireHP_2020	Commercial	Commercial	74				
RMRS_ WildFireHP_2020	Community Resource	Community Center	18				
RMRS_ WildFireHP_2020	Community Resource	Ed_Kto12	10				
RMRS_ WildFireHP_2020	Community Resource	Ed_PreK	1				
RMRS_ WildFireHP_2020	Community Resource	Library	3				
RMRS_ WildFireHP_2020	Community Resource	PlaceofWorship	3				
RMRS_ WildFireHP_2020	Emergency Facility	FireStation	11				
RMRS_ WildFireHP_2020	Emergency Facility	Police	1				
RMRS_ WildFireHP_2020	Government Facility	LocalGov	31				
RMRS_ WildFireHP_2020	Government Facility	Military	430				
RMRS_ WildFireHP_2020	Government Facility	Well	3				
RMRS_ WildFireHP_2020	Industrical	Industrial	118				
RMRS_ WildFireHP_2020	Industrical	Rail	1				
RMRS_ WildFireHP_2020	Other	Out	96				
RMRS_ WildFireHP_2020	Recreation Facility	HistoricSite	1				
RMRS_ WildFireHP_2020	Residential	Commercial_ Residential	20				

5.7.2 UNICORPORATED TOOELE COUNTY - RISK ASSESMENT RESULTS - STRUCTURES

UNICORPORATED TOOELE COUNTY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE						
Hazard	Category	Туре	# of Facilities			
RMRS_ WildFireHP_2020	Residential	Condominium	30			
RMRS_ WildFireHP_2020	Residential Duplex		8			
RMRS_ WildFireHP_2020	Residential	Fourplex_Triplex	9			
RMRS_ WildFireHP_2020	Residential	Manufactured	166			
RMRS_ WildFireHP_2020	Residential	Res_LowIncome	40			
RMRS_ WildFireHP_2020	Residential	Res_MobileHome	54			
RMRS_ WildFireHP_2020	Residential	Res_Modular	9			
RMRS_ WildFireHP_2020	Residential	Residential Residential				
RMRS_ WildFireHP_2020	Transportation Facility	Parking	3			
SGID_ EngineeringPS	Commercial	Commercial	4			
SGID_ EngineeringPS	Community Resource	Community Center	8			
SGID_ EngineeringPS	Emergency Facility	FireStation	5			
SGID_ EngineeringPS	Government Facility	Military	26			
SGID_ EngineeringPS	Industrical	Industrial	16			
SGID_ EngineeringPS	Industrical	Rail	2			
SGID_ EngineeringPS	Other	Out	4			
SGID_ EngineeringPS	Recreation Facility	HistoricSite	1			
SGID_ EngineeringPS	Residential	Commercial_ Residential	1			

UNICORPORATED TOOELE COUNTY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE							
Hazard	Category	Туре	# of Facilities				
SGID_ EngineeringPS	Residential	Manufactured	2				
SGID_ EngineeringPS	Residential	Res_MobileHome	9				
SGID_ EngineeringPS	Residential	Residential	90				
SteepSlope	Commercial	Commercial	2				
SteepSlope	Community Resource	Community Center	3				
SteepSlope	Industrical	Industrial	3				
SteepSlope	Other	Out	5				
SteepSlope	Residential	Res_MobileHome	1				
SteepSlope	Residential	Res_Modular	1				
SteepSlope	Residential	Residential	7				

UNICORPORATED TOOEL	E COUNTY - CRITICAL FACIL	lities - Potential Loss Tae	BLE
Hazard	Category	Туре	# of Facilities
AlluvialFan	Community	PlaceofWorship	1
AlluvialFan	Energy	SubstationRegulator	2
AlluvialFan	Water	Dam	1
AlluvialFan	Water	Well_Log	45
AvalanchTerrain	Natural	SpringSeep	24
AvalanchTerrain	Other	Tower_	1
AvalanchTerrain	Other	Tower_Cellular	1
AvalanchTerrain	Other	Tower_	1
AvalanchTerrain	Other	Tower_	13
AvalanchTerrain	Other	Tower_ MicrowaveService	9
AvalanchTerrain	Recreation	Campground	1
AvalanchTerrain	Recreation	HistoricSites	4
AvalanchTerrain	Recreation	StateParks	1
AvalanchTerrain	Water	Dam	1
AvalanchTerrain	Water	Well_Log	17
DebrisFlow	Natural	SpringSeep	34
DebrisFlow	Other	Tower_	2
DebrisFlow	Other	Tower_Cellular	2
DebrisFlow	Other	Tower_ FMTransmission	2
DebrisFlow	Other	Tower_ LandMobileBroadcast	3
DebrisFlow	Other	Tower_	1
DebrisFlow	Other	Tower_	21
DebrisFlow	Other	Tower_ MicrowaveService	56
DebrisFlow	Other	Tower_TVDigital	1
DebrisFlow	Recreation	Campground	5
DebrisFlow	Recreation	HistoricSites	2
DebrisFlow	Recreation	Trailhead	2
DebrisFlow	Water	Well_Log	59

UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE							
Hazard	Category	Туре	# of Facilities				
	Community	Cemetery	6				
	Community	ED_K12	3				
	Community	Ed_PreK	4				
	Community	GroceryStore	2				
	Community	PlaceofWorship	4				
	Emergency	FireStation	5				
	Emergency		2				
	Energy	FuelStation_ AlternativeEnergy	4				
	Energy	FuelStation_Gas	7				
	Energy		1				
	Energy	SubstationRegulator	15				
	Energy	Well_OilGas	24				
	Government	Military	1				
	Natural	SpringSeep	423				
	Other	Mine_CrushedStone	2				
	Other	Mine_Lime	1				
	Other	Mine_Salt	1				
	Other	ProcessingPlant_ NonferrousMetal	1				
	Other	SolidWaisteFacility	3				
	Other	Tower_	14				
	Other	Tower_Cellular	9				
	Other	Tower_ FMTransmission	4				
	Other	Tower_ LandMobileBroadcast	3				
	Other	Tower_	1				
	Other	Tower_	88				
	Other	Tower_ MicrowaveService	138				
	Other	Tower_PagingTrans	3				

UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE				
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
	Other	Tower_TVDigital	10		Natural	SpringSeep	423
	Recreation	Campground	16		Other	Mine_CrushedStone	2
	Recreation	CommunityCenter	2		Other	Mine_Lime	1
	Recreation	GolfCourse	1		Other	Mine_Salt	1
	Recreation	HistoricSites	34		Other	ProcessingPlant_	1
	Recreation	Park	13			NonferrousMetal	1
	Recreation	StateParks	1		Other	SolidWaisteFacility	3
	Recreation	Trailhead	8		Other	Tower_	14
	Transportation	Airport	4		Other	Tower_Cellular	9
	Transportation	Bridge_Rail	14		Other	Tower_ EMTransmission	4
	Transportation	Bridge_Road	20		Othor	Tower	
	Transportation		3		Other	LandMobileBroadcast	3
	Transportation	Heliport	2		Other	Tower_	1
	Transportation	PortofEntry	1		Other	Tower_	88
	Water	Dam	12		Other	Tower_	120
	Water	Well_Log	1890			MicrowaveService	130
	Water	Well_NHD	101		Other	Tower_PagingTrans	3
	Community	Cemetery	6		Other	Tower_TVDigital	10
	Community	ED_K12	3		Recreation	Campground	16
	Community	Ed_PreK	4		Recreation	CommunityCenter	2
	Community	GroceryStore	2		Recreation	GolfCourse	1
	Community	PlaceofWorship	4		Recreation	HistoricSites	34
	Emergency	FireStation	5		Recreation	Park	13
	Emergency		2		Recreation	StateParks	1
	Energy	FuelStation_	4		Recreation	Trailhead	8
		AlternativeEnergy	7		Transportation	Airport	4
	Energy	FuelStation_Gas	7		Transportation	Bridge_Rail	14
	Energy		1		Transportation	Bridge_Road	20
	Energy	SubstationRegulator	15		Transportation		3
	Energy	Well_OilGas	24		Transportation	Heliport	2
	Government	Military	1		Transportation	PortofEntry	1

UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE				
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
	Water	Dam	12	Erosion_	Recreation	HistoricSites	13
	Water	Well_Log	1890	OffRoadTrail			13
	Water	Well_NHD	101	Erosion_ OffRoadTrail	Recreation	StateParks	1
Erosion_ OffRoadTrail	Community	Cemetery	3	Erosion_ OffRoadTrail	Recreation	Trailhead	5
Erosion_ OffRoadTrail	Emergency	FireStation	1	Erosion_	Transportation	Bridge_Rail	1
Erosion_ OffRoadTrail	Energy	SubstationRegulator	2	Erosion_ OffRoadTrail	Transportation	Bridge_Road	1
Erosion_ OffRoadTrail	Natural	SpringSeep	157	Erosion_ OffRoadTrail	Water	Dam	3
Erosion_ OffRoadTrail	Other	SolidWaisteFacility	1	Erosion_ OffRoadTrail	Water	Well_Log	163
Erosion_ OffRoadTrail	Other	Tower_	5	Erosion_	Water	Well_NHD	1
Erosion_ OffRoadTrail	Other	Tower_Cellular	6	Erosion_RoadTrail	Community	Cemetery	6
Erosion	Other	Tower		Erosion_RoadTrail	Community	GroceryStore	2
OffRoadTrail		FMTransmission	4	Erosion_RoadTrail	Community	PlaceofWorship	1
Erosion_	Other	Tower_	3	Erosion_RoadTrail	Emergency	FireStation	3
Erosion_	Other	Tower_	1	Erosion_RoadTrail	Energy	FuelStation_ AlternativeEnergy	4
OffRoadTrail				Erosion_RoadTrail	Energy	FuelStation_Gas	5
Erosion_ OffRoadTrail	Other	Tower_	53	Erosion_RoadTrail	Energy	SubstationRegulator	8
Frosion	Other	Tower		Erosion_RoadTrail	Energy	Well_OilGas	9
OffRoadTrail	ound	MicrowaveService	100	Erosion_RoadTrail	Government	Military	1
Erosion_	Other	Tower_PagingTrans	1	Erosion_RoadTrail	Natural	SpringSeep	243
OffRoadTrail				Erosion_RoadTrail	Other	Mine_CrushedStone	2
Erosion_	Other	Tower_TVDigital	10	Erosion_RoadTrail	Other	SolidWaisteFacility	1
	Descetion	Companyourd		Erosion_RoadTrail	Other	Tower_	5
OffRoadTrail	Recreation	Campground	10	Erosion_RoadTrail	Other	Tower_Cellular	6
Erosion_ OffRoadTrail	Recreation	CommunityCenter	1	Erosion_RoadTrail	Other	Tower_ FMTransmission	4

UNICORPORATED TOOE	LE COUNTY - CRITICAL FAC	CILITIES - POTENTIAL LOSS TAE	E UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS			LITIES - POTENTIAL LOSS TAI	DSS TABLE	
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities	
Erosion_RoadTrail	Other	Tower_	3	FaultHazardZone	Transportation	Bridge_Rail	1	
		LandMobileBroadcast	5	FaultHazardZone	Transportation	Bridge_Road	2	
Erosion_RoadTrail	Other	Tower_	1	FaultHazardZone	Water	Dam	2	
Erosion_RoadTrail	Other	Tower_	64	FaultHazardZone	Water	Well_Log	186	
Erosion_RoadTrail	Other	Tower_ MicrowaveService	116	FaultHazardZone	Water	Well_NHD	12	
Erosion_RoadTrail	Other	Tower_PagingTrans	2	FEMA_FloodZone	Water	Well_Log	4	
Erosion_RoadTrail	Other	Tower_TVDigital	10	FEMA_FloodZone	Water	Well_NHD	1	
Erosion_RoadTrail	Recreation	Campground	14	Flood_ DamInundation	Community	PlaceofWorship	1	
Erosion_RoadTrail	Recreation	CommunityCenter	2	Flood	Emergency	FireStation		
Erosion_RoadTrail	Recreation	HistoricSites	28	DamInundation	Emorgeney	Theolation	1	
Erosion_RoadTrail	Recreation	Park	1	Flood_	Emergency		1	
Erosion_RoadTrail	Recreation	StateParks	1	DamInundation			· ·	
Erosion_RoadTrail	Recreation	Trailhead	8	Flood_	Energy	SubstationRegulator	1	
Erosion_RoadTrail	Transportation	Bridge_Rail	8	Elood	Enormy	Wall OilGas		
Erosion_RoadTrail	Transportation	Bridge_Road	6	DamInundation	Lifeigy	vven_OliGas	5	
Erosion_RoadTrail	Transportation		2	Flood_	Other	Mine_Salt	1	
Erosion_RoadTrail	Transportation	Heliport	2	DamInundation			1	
Erosion_RoadTrail	Water	Dam	11	Flood_	Other	Tower_	2	
Erosion_RoadTrail	Water	Well_Log	612	Daminundation		 		
Erosion_RoadTrail	Water	Well_NHD	22	DamInundation	Other	lower_	4	
FaultHazardZone	Community	Cemetery	2	Flood	Other	Tower		
FaultHazardZone	Energy	SubstationRegulator	3	DamInundation		MicrowaveService	1	
FaultHazardZone	Energy	Well_OilGas	2	Flood_	Transportation	Airport	2	
FaultHazardZone	Natural	SpringSeep	39	DamInundation				
FaultHazardZone	Other	SolidWaisteFacility	1	Flood_	Water	Dam	2	
FaultHazardZone	Other	Tower_	5	Daminundation	Motor			
FaultHazardZone	Other	Tower_ MicrowaveService	6	DamInundation	vvater	vven_Log	611	
FaultHazardZone	Recreation	Campground	1	Flood_ DamInundation	Water	Well_NHD	20	
FaultHazardZone	Recreation	HistoricSites	3	Flood_GSL	Energy	Well_OilGas	5	
FaultHazardZone	Recreation	Trailhead	1	Flood GSL	Natural	SpringSeep	13	

UNICORPORATED TOOEL	E COUNTY - CRITICAL FACIL	ITIES - POTENTIAL LOSS TAB	LE	UNICORPORATED TOOEI	E COUNTY - CRITICAL FACI	LITIES - POTENTIAL LOSS TAB	LE
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
Flood_GSL	Other	Tower_	3	Flood_	Emergency	FireStation	1
Flood_GSL	Other	Tower_ MicrowaveService	3	USUValleyBottom Flood	Energy	Well OilGas	
Flood_GSL	Recreation	HistoricSites	2	USUValleyBottom			1
Flood_GSL	Transportation	Bridge_Rail	1	Flood_	Natural	SpringSeep	81
Flood_GSL	Transportation	Bridge_Road	5	USUValleyBottom	Other		
Flood_GSL	Water	Dam	1	USUValleyBottom	Other	Solidivalsteracility	1
Flood_GSL	Water	Well_Log	9	Flood	Recreation	Campground	
Flood_GSL	Water	Well_NHD	1	USUValleyBottom		10	3
Flood_SoilsPurdue	Community	GroceryStore	1	Flood_	Recreation	HistoricSites	1
Flood_SoilsPurdue	Community	PlaceofWorship	1	USUValleyBottom			
Flood_SoilsPurdue	Energy	Well_OilGas	1	Flood_ USUValleyBottom	Water	Dam	1
Flood_SoilsPurdue	Natural	SpringSeep	142	Flood	Water	Well Log	
Flood_SoilsPurdue	Other	Mine_Lime	1	USUValleyBottom		09	33
Flood_SoilsPurdue	Other	Mine_Salt	1	Flood_	Water	Well_NHD	6
Flood_SoilsPurdue	Other	Tower_	5	USUValleyBottom			0
Flood_SoilsPurdue	Other	Tower_ MicrowaveService	3	Flood_Wetland_ Riparian	Emergency		1
Flood_SoilsPurdue	Recreation	Campground	2	Flood_Wetland_	Energy	FuelStation_	2
Flood_SoilsPurdue	Recreation	HistoricSites	1	Riparian		AlternativeEnergy	
Flood_SoilsPurdue	Transportation	Bridge_Rail	4	Flood_Wetland_ Riparian	Energy	SubstationRegulator	2
Flood_SoilsPurdue	Transportation	Bridge_Road	4	Flood Wetland	Enerav	Well OilGas	
Flood_SoilsPurdue	Water	Dam	2	Riparian			7
Flood_SoilsPurdue	Water	Well_Log	64	Flood_Wetland_	Natural	SpringSeep	322
Flood_SoilsPurdue	Water	Well_NHD	42	Riparian			522
Flood_ USUValleyBottom	Community	Cemetery	1	Flood_Wetland_ Riparian	Other	Mine_Lime	1
Flood_ USUValleyBottom	Community	ED_K12	1	Flood_Wetland_ Riparian	Other	Mine_Salt	1
Flood_ USUValleyBottom	Community	GroceryStore	1	Flood_Wetland_ Riparian	Other	Tower_	2
Flood_ USUValleyBottom	Community	PlaceofWorship	1	Flood_Wetland_ Riparian	Other	Tower_Cellular	2

UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE				
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
Flood_Wetland_	Other	Tower_	6	Liquefaction	Energy	Well_OilGas	6
Riparian			0	Liquefaction	Natural	SpringSeep	6
Flood_Wetland_	Other	Tower_ MicrowovoSonvico	6	Liquefaction	Other	Mine_Lime	1
	Pagrantian	Comparaund	+	Liquefaction	Other	Mine_Salt	1
Riparian	Recreation	Campground	1	Liquefaction	Other	Tower_	2
Flood_Wetland_	Recreation	HistoricSites	5	Liquefaction	Other	Tower_	10
Riparian			5	Liquefaction	Other	Tower_ MicrowayaSanvica	10
Flood_Wetland_ Riparian	Recreation	Park	3	Liquofaction	Pograption	GolfCourso	1
Flood Wetland	Recreation	StateParks		Liquefaction	Recreation	HistoriaSitas	1
Riparian	recordation	otator anto	1	Liquefaction	Recreation	Park	18
Flood_Wetland_	Transportation	Bridge_Rail	25	Liquefaction	Transportation	Airport	2
Riparian			25	Liquefaction	Transportation	Rridgo Poil	1
Flood_Wetland_	Transportation	Bridge_Road	2	Liquefaction	Transportation	Bridge_Road	8
	Mator	Dam	+		Transportation		7
Riparian	Water	Dam	5	Liquefaction	Water	Dam	1
Flood_Wetland_	Water	Well_Log	156	Liquefaction	Water	Well_Log	734
Riparian			100	Liquefaction	Water	Well_NHD	38
Flood_Wetland_ Riparian	Water	Well_NHD	59	RMRS_ WildFireHP_2020	Community	Cemetery	6
Landslide	Natural	SpringSeep	8	RMRS	Community	ED K12	
Liquefaction	Community	ED_K12	4	WildFireHP_2020	Community		4
Liquefaction	Community	Ed_PreK	5	RMRS_	Community	Ed_PreK	1
Liquefaction	Community	GroceryStore	3	WildFireHP_2020			-
Liquefaction	Community	PlaceofWorship	4	RMRS_	Community	Library	2
Liquefaction	Emergency	FireStation	1	WIIdFIreHP_2020	Companyaity	DiesestWership	
Liquefaction	Emergency	HealthCareFacility	1	WildFireHP 2020	Community	Placeorworship	2
Liquefaction	Emergency		1	RMRS	Emergency	FireStation	
Liquefaction	Energy	FuelStation_	2	WildFireHP_2020			6
	Epergy		5	RMRS_	Emergency	LawEnforcement	1
	Energy	SubstationPopulator	2		Emorgonesi		
	Lifergy	JoubstationRegulator	5	WildFireHP_2020	Emergency		2

UNICORPORATED TOOE	LE COUNTY - CRITICAL FACI	lities - Potential Loss Tae	BLE	UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			BLE
Hazard	Category	Туре	# of Facilities	Hazard	Category	Туре	# of Facilities
RMRS_ WildFireHP_2020	Energy	FuelStation_ AlternativeEnergy	4	RMRS_ WildFireHP_2020	Other	Tower_PagingTrans	2
RMRS_ WildFireHP_2020	Energy	FuelStation_Gas	2	RMRS_ WildFireHP_2020	Other	Tower_TVDigital	10
RMRS_ WildFireHP_2020	Energy		1	RMRS_ WildFireHP_2020	Recreation	Campground	13
RMRS_ WildFireHP_2020	Energy	SubstationRegulator	22	RMRS_ WildFireHP_2020	Recreation	CommunityCenter	2
RMRS_ WildFireHP_2020	Energy	Well_OilGas	24	RMRS_ WildFireHP_2020	Recreation	GolfCourse	1
RMRS_ WildFireHP_2020	Government	Military	4	RMRS_ WildFireHP_2020	Recreation	HistoricSites	25
RMRS_ WildFireHP_2020	Natural	SpringSeep	248	RMRS_ WildFireHP_2020	Recreation	Park	5
RMRS_ WildFireHP_2020	Other	Mine_CrushedStone	2	RMRS_ WildFireHP_2020	Recreation	Trailhead	7
RMRS_ WildFireHP_2020	Other	Mine_Salt	1	RMRS_ WildFireHP_2020	Transportation	Airport	2
RMRS_ WildFireHP_2020	Other	Mine_SandandGravel	2	RMRS_ WildFireHP_2020	Transportation	Bridge_Rail	26
RMRS_ WildFireHP_2020	Other	ProcessingPlant_ NonferrousMetal	1	RMRS_ WildFireHP_2020	Transportation		3
RMRS_ WildFireHP_2020	Other	SolidWaisteFacility	4	RMRS_ WildFireHP_2020	Transportation	Heliport	4
RMRS_ WildFireHP_2020	Other	Tower_	4	RMRS_ WildFireHP_2020	Water	Dam	9
RMRS_ WildFireHP_2020	Other	Tower_Cellular	4	RMRS_ WildFireHP_2020	Water	Well_Log	2252
RMRS_ WildFireHP_2020	Other	Tower_ FMTransmission	4	RMRS_ WildFireHP_2020	Water	Well_NHD	62
RMRS_ WildFireHP_2020	Other	Tower_	1	RMRS_ WildFireHP_2020	Water	Well_	2
RMRS_ WildFireHP_2020	Other	Tower_	60	SGID_ EngineeringPS	Emergency	FireStation	2
RMRS_ WildFireHP_2020	Other	Tower_ MicrowaveService	105	SGID_ EngineeringPS	Energy	SubstationRegulator	2

UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE						
Hazard	Category	Туре	# of Facilities			
SGID_ EngineeringPS	Natural	SpringSeep	36			
SGID_ EngineeringPS	Other	Tower_	2			
SGID_ EngineeringPS	Other	Tower_ FMTransmission	1			
SGID_ EngineeringPS	Other	Tower_	10			
SGID_ EngineeringPS	Other	Tower_ MicrowaveService	15			
SGID_ EngineeringPS	Recreation	Campground	3			
SGID_ EngineeringPS	Recreation	CommunityCenter	1			
SGID_ EngineeringPS	Recreation	HistoricSites	7			
SGID_ EngineeringPS	Recreation	Trailhead	2			
SGID_ EngineeringPS	Transportation	Bridge_Road	1			
SGID_ EngineeringPS	Water	Dam	2			
SGID_ EngineeringPS	Water	Well_Log	76			
SGID_ EngineeringPS	Water	Well_NHD	1			
SteepSlope	Natural	SpringSeep	63			
SteepSlope	Other	Tower_	3			
SteepSlope	Other	Tower_Cellular	5			
SteepSlope	Other	Tower_ FMTransmission	1			
SteepSlope	Other	Tower_ LandMobileBroadcast	3			
SteepSlope	Other	Tower_	1			
SteepSlope	Other	Tower_	42			

UNICORPORATED TOOELE COUNTY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE					
Hazard	Category	Туре	# of Facilities		
SteepSlope	Other	Tower_ MicrowaveService	54		
SteepSlope	Other	Tower_PagingTrans	1		
SteepSlope	Other	Tower_TVDigital	1		
SteepSlope	Recreation	Campground	4		
SteepSlope	Recreation	HistoricSites	2		
SteepSlope	Recreation	StateParks	1		
SteepSlope	Transportation	Bridge_Rail	1		
SteepSlope	Water	Dam	1		
SteepSlope	Water	Well_Log	95		
WildlifeAuto	Energy	SubstationRegulator	1		
WildlifeAuto	Other	Tower_	2		
WildlifeAuto	Water	Well_Log	2		

UNICORPORATED TOOELE COUNT	y - Critical Facilities - Pot	ENTIAL LOSS TABLE	UNICORPORATED TO	OELE COUNTY - CRITIC	CAL FACILITIES - POTENTIAL LO	DSS TABLE
Hazard Catego	ory Type	# of Facilities	Hazard	Category	Туре	# of Facilities
Hazard Catego	pry Type	# of Facilities	S Hazard	Category	Type	# of Facilities

5.7.4 UNICORPORATED TOOELE COUNTY - MITIGATION STRATAGIES

TOOELE COUNTY - COMMUNITY MITIGATION STRATEGIES										
Protecting <u>Current</u> Residents and Property										
Jurisdiction	Hazard	Goal	Action	Action (For NFIP Compliance, if	Priority (High,	Time- frame	Potential Funding Sources	Responsible Entity	Estimated Cost	Resources
Tooele County	Flood	Protect current residents and property	With all of the construction on the hillsides, action should be taken to reduce the impact of run-off flooding in these areas. Zoning, ordinances, etc.	N/A	High	2017	Grants, Development agreements,etc.	Builder, Local	Unknown	USGS, County Planners, Soil Engineers
Tooele County	Flood	Protect current residents and property	prepare by identification on map of hazard areas. Mitigate by altering water course to prevent damage to homes.	N/A	Medium	2017	County, State, Govt.	County	\$20,000	FEMA, Utah DEM
Tooele County	Earthquake	Protect current residents and property	Develop Earthquake preparedness programs	N/A	Medium	2017	FEMA Grant, CERT Grants	Local	\$3,000 annually to run a CERT program	County, Communities, State DEM
Tooele County	Earthquake	Protect current residents and property	Update ordinances to earthquake standards	N/A	Medium	2017	City, County	County	\$1,000	County, City
Tooele County	Severe Weather	Protect current residents and property	Prepare by training operations/equipment for severe weather. Make equipment available.	N/A	High	2017	County, State, City	County, All Jurisdictions	\$5,000	City,County, State
Tooele County	Wildfire	Protect current residents and property	Update city ordinances to require defensive space and fire resistant vegetation surrounding homes located in wildland/urban interface.	N/A	High	2017	City, Utah Dept. of Public Safety/ FEMA	Local	\$2,000	Utah FFSL, County
Tooele County	Wildfire	Protect current residents and property	Enforce WUI building requirements, require defensible space to be developed, other recognized WUI programs, plants, spaces, etc.	N/A	High	2016	DES/DPS, FEMA, County	Local, County	Unknown	Utah FFSL, county fire warden
Tooele County	Landslides	Protect current residents and property	Require reseeding of natural plants after land development takes place.	N/A	Medium	2016	Developers, builders, county, USGS	Local, Developer	Unknown	USGS, County Planners, Soil Engineers
Tooele County	Problem Soils	Protect current residents and property	Same as Landslides listed above	N/A	Medium	2016	Developers, builders, county, USGS	Local, Developer	Unknown	USGS, County Planners, Soil Engineers
Tooele County	Dam Failure	Protect current residents and property	Education of residents, update emergency response plans as necessary.	N/A	Medium	2017	County	County	Minimal	Utah Div. of Water Resources/Dam Safety, FEMA
Tooele County	Steep Slopes	Protect current residents and property	Review local slope ordinances and work with UGS to determine dangerous slope percentages for structures	N/A	Medium	2017	County	County	Minimal	UGS
Tooele County	High Water Table	Protect current residents and property	Education of local residents on preventative measures for reducing damage from flooding due to high water table.	N/A	Medium	2017	County	County	Minimal	UGS, NRCS
			TOOELE COUNTY -	COMMUNITY	MITIGA	TION S'	FRATEGIES			
			Protectin	g <u>Future</u> Reside	ents and P	roperty				
Jurisdiction	Hazard	Goal	Action	Action (For NFIP Compliance, if	Priority (High,	Time- frame	Potential Funding Sources	Responsible Entity	Estimated Cost	Resources
Tooele County	Flood	Protect future residents and property	Ordinance and zoning to limit the encroachment into the foothills and to require soils testing before construction is allowed.	Unkown	High	2016	Developmers, Builders, County general fund.	Local	Unknown	Other communities that have dealt with this issue
Tooele County	Flood	Protect future residents and property	Check ordinances to prevent housing in flood plain area.	N/A	Medium	2017	City, County, State, Govt.	County	\$2,000	City, County, USU Extension
Tooele County	Earthquake	Protect future residents and property	Same as above	N/A	Medium	2017	FEMA Grant, CERT Grants	Local, County	\$3,000 annually to run a CERT program	County, Communities, State DEM
Tooele County	Earthquake	Protect future residents and property	Education of residents, update ordinances if necessary	N/A	Medium	2018	County, City	County, All Jurisdictions	\$2,000	USU, FEMA
Tooele County	Severe Weather	Protect future residents and property	Extra operators for equipment during emergencies. Utilize HAM radio operators for emergency communication	N/A	High	2017	County, City	County, All Jurisdictions	\$1,000	County
Tooele County	Wildfire	Protect future residents and property	Update city ordinances to require sprinklers in all new homes located in the wildland/urban interface.	N/A	High	2018	City, Utah Dept. of Public Safety/ FEMA	Local	\$1,500	Utah FFSL, County
Tooele County	Wildfire	Protect future residents and property	Residential sprinkler requirements, defensible space	N/A	High	2016	Residential sprinkler coalition, developers	Local	Minimal	Utah State fire marshal's office
Tooele County	Landslides	Protect future residents and property	Require more soil studies on soils of property up high on the hillsides	N/A	Medium	2017	Developers, County, USGS	Local	Unknown	USGS, Engineers
Tooele County	Problem Soils	Protect future residents and property	Same as Landslides listed above	N/A	Medium	2016	Developers, builders, county, USGS	Local, Developer	Unknown	USGS, County Planners, Soil Engineers
Tooele County	Dam Failure	Protect future residents and property	Review local ordinances and determine if they need to be updated to better prevent development in dam innundation areas.	N/A	Medium	2017	County	County	Minimal	Utah Div. of Water Resources/Dam Safety, FEMA
Tooele County	Steep Slopes	Protect future residents and property	Review local ordinances and determine if they need to be updated to better prevent development in high slope areas.	N/A	Medium	2017	County	County	Minimal	UGS
Tooele County	High Water Table	Protect future residents and property	Review local ordinances and update to only allow structures with proper mitigation measures in high water table areas.	N/A	Medium	2017	County	County	Minimal	UGS, NRCS

5.7.5 STANSBURY PARK - MITIGATION STRATAGIES

Stansbury Park Improvement District Mitigation Strategies - 2021 Tooele County PDMP				
AVALANCHE - CURRENT RESIDENTS/PROPERTY: Please complete	Other strategies and/or comments:	Not Pertinent		
AVALANCHE - FUTURE RESIDENTS/PROPERTY: Please complete t	Other strategies and/or comments:	Not Pertinent		
DAM FAILURE - CURRENT RESIDENTS/PROPERTY: Please comple	Other strategies and/or comments:	Not Pertinent		
DAM FAILURE - FUTURE RESIDENTS/PROPERTY: Please complete to DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Undate and adout droubt ordinances - NEIP compliant?	Not Pertinent Holos roduco risk		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Update and adopt drought ordinances. • Priority	Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Update and adopt drought ordinances Timeframe	2025		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Update and adopt drought ordinances Pot. Funding Sources	Local		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Update and adopt drought ordinances Responsible Entity	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Update and adopt drought ordinances Estimated Cost	\$0 - \$25 K		
	Enforce codes, ordinances, statues, and laws that promote drought resiliency and water conservation practices NFIP			
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to DROUCHT CURRENT RESIDENTS/PROPERTY: Please complete to	Compliant?	N/A Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Enforce codes, ordinances, statues, and laws that promote drought resiliency and water conservation practices Timeframe	2025		
	Enforce codes, ordinances, statues, and laws that promote drought resiliency and water conservation practices Pot. Funding	1013		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Sources	Local		
	Enforce codes, ordinances, statues, and laws that promote drought resiliency and water conservation practices Responsible			
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Entity	City		
DROUGUE, CURRENT RECIDENTS/DRODERTY/, Disease secondate #	Enforce codes, ordinances, statues, and laws that promote drought resiliency and water conservation practices Estimated	60. 635 W		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Junnove Public Water Infrastructure and Management with Water Provider - NFIP compliant?	30 - 323 K N/Δ		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Improve Public Water Infrastructure and Management with Water Provider Priority	Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Improve Public Water Infrastructure and Management with Water Provider Timeframe	2030		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Improve Public Water Infrastructure and Management with Water Provider Pot. Funding Sources	Other State		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Improve Public Water Infrastructure and Management with Water Provider Responsible Entity	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Improve Public Water Infrastructure and Management with Water Provider Estimated Cost	\$1 Mil +		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Monitor Water Supply for leaks, system failures, inefficiencies, etc. via monitoring system and audits NFIP compliant?	Helps reduce risk		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Information water Supply for leaks, system failures, inefficiencies, etc. via monitoring system and audits Priority	meaium		
DROUGHT - CURRENT RESIDENTS/PROPERTY Please complete the DROUGHT - CURRENT RESIDENT RESIDENTS/PROPERTY PLEASE COMPLETE THE DROUGHT - CURRENT RESIDENTS/PROPERTY PLEASE COMPLETE THE DROUGHT - CURRENT RESIDENT RESIDENT PLEASE COMPLETE THE DROUGHT - CURRENT RESIDENT PLEASE COMPLETE THE DROUGHT -	Monitor Water Supply for leaks, system failures, memorinoes, etc. via monitoring system and audits. • Interfame Monitor Water Supply for leaks, system failures, inefficiencies, etc. via monitoring system and audits. • Der Europia Sources	2025		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Monitor Water Supply for leaks, system failures, inefficiencies, etc. via monitoring system and addits. Pot. Pulluling Sources	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Monitor Water Supply for leaks, system failures, inefficiencies, etc. via monitoring system and audits Estimated Cost	\$0 - \$25 K		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Plan and Prepare for Drought via emergency planning and warning systems NFIP compliant?	Helps reduce risk		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Plan and Prepare for Drought via emergency planning and warning systems Priority	Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Plan and Prepare for Drought via emergency planning and warning systems Timeframe	2025		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Plan and Prepare for Drought via emergency planning and warning systems Pot. Funding Sources	Local		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Plan and Prepare for Drought via emergency planning and warning systems Responsible Entity	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Plan and Prepare for Drought via emergency planning and warning systems Estimated Cost	ŞU - ŞZS K Heles seduce siek		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Educate Residents on Water Daving Fechniques (list event details in "comments") Princip	Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Educate Residents on Water Saving Techniques (list event details in "comments") Timeframe	2025		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Educate Residents on Water Saving Techniques (list event details in "comments") Pot. Funding Sources	Local		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Educate Residents on Water Saving Techniques (list event details in "comments") Responsible Entity	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Educate Residents on Water Saving Techniques (list event details in "comments") Estimated Cost	\$0 - \$25 K		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Educate the Agriculture Sector on Soil and Water Saving Practices (list event details in "comments") NFIP compliant?	N/A		
DROUGUE, CURRENT RECIDENTS/DRODERTY/, Disease secondate #	Educate Decision Makers and Government Employees on Water Saving Techniques (list event details in "comments") NFIP	Halas sadues siek		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Computante Educate Decision Makers and Government Employees on Water Saving Techniques (list event details in "comments") -	Helps reduce risk		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Priority	Low		
	Educate Decision Makers and Government Employees on Water Saving Techniques (list event details in *comments*).			
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Timeframe	2025		
	Educate Decision Makers and Government Employees on Water Saving Techniques (list event details in "comments") Pot.	t a set		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Fundanty Sources	Local		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Resonsible Entity	City		
	Educate Decision Makers and Government Employees on Water Saving Techniques (list event details in "comments")			
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Estimated Cost	\$0 - \$25 K		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Retrofit Water Supply Systems to handle current and new growth NFIP compliant?	Helps reduce risk		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Retrofit Water Supply Systems to handle current and new growth. Priority	Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to	Retrofit Water Supply Systems to handle current and new growth I imetrame	2025		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete to DROUCHT - CURRENT RESIDENTS/DRODERTY: Please complete to	Retrofit Water Supply Systems to handle current and new growth - Posponsible Entity	Local		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Retroff Water Supply Systems to handle current and new growth - Estimated Cost	\$500 K - \$1 Mil		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Expand and Improve Existing Potable Water Systems NFIP compliant?	Helps reduce risk		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Expand and Improve Existing Potable Water Systems, - Priority	Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete t	Expand and Improve Existing Potable Water Systems Timeframe	2025		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Expand and Improve Existing Potable Water Systems Pot. Funding Sources	Local		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete t	Expand and Improve Existing Potable Water Systems Kesponsible Entity	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY Please complete to DROUGHT - CURRENT RESIDENTS/PROPERTY Please complete to	Expand and improve Existing Polable Water Systems. • Estimated Cost Designate and or preserve adequate source water protection zones or groundwater recharge areas • NEIP compliant?	Helps reduce rick		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Designate and or preserve adequate source water protection zones or groundwater recharge areas Priority	Medium		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Designate and or preserve adequate source water protection zones or groundwater recharge areas Timeframe	2025		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete th	Designate and or preserve adequate source water protection zones or groundwater recharge areas Pot. Funding Sources	Local		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Designate and or preserve adequate source water protection zones or groundwater recharge areas Responsible Entity	City		
DROUGHT - CURRENT RESIDENTS/PROPERTY: Please complete the	Designate and or preserve adequate source water protection zones or groundwater recharge areas Estimated Cost	\$25 K - \$50 K		
		Answers are the same to		
DROUGHT - FUTURE RESIDENTS/PRODERTY Plages complete the	Other strategies and/or comments:	Future Drought Growth as with Current Drought		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY Please complete inte	Develop and/or review or adopt model earthquake hazard ordinance NFIP compliant?	Helps reduce risk		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please complete	Develop and/or review or adopt model earthquake hazard ordinance Priority	Medium		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please comple	Develop and/or review or adopt model earthquake hazard ordinance Timeframe	2025		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please comple	Develop and/or review or adopt model earthquake hazard ordinance Pot. Funding Sources	Local		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please comple	Develop and/or review or adopt model earthquake hazard ordinance Responsible Entity	City		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please comple	Develop and/or review or adopt model earthquake hazard ordinance Estimated Cost	\$0 - \$25 K		
EAKTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please comple	Duriding Code Adoption and Enforcement NEIP compliant?	N/A		
FARTHOUAKE - CURRENT RESIDENTS/PROPERTY: Please comple	NEIP compliant?	Helps reduce risk		
Contraction Register Register Rorektin, riease comple	Local Planning, such as critical facilities planning, financial incentives, creating a safety committee, emergency planning, etc.	nerps reduce risk		
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please comple	Priority 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9,	Medium		
	Local Planning, such as critical facilities planning, financial incentives, creating a safety committee, emergency planning, etc			
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please comple	Timeframe	2025		
	Local Planning, such as critical facilities planning, financial incentives, creating a safety committee, emergency planning, etc	Lees		
CANTINGOARE - CORRENT RESIDENTS/PROPERTT: Please comple		LUCAI		

Stansbury F	Park Improvement District Mitigation Strategies - 2021 Topele County PDMP	
	Local Planning, such as critical facilities planning, financial incentives, creating a safety committee, emergency planning, etc	
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	eResponsible Entity I ocal Planning, such as critical facilities planning, financial incentives, creating a safety committee, emergency planning, etc.,	City
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Estimated Cost	\$0 - \$25 K
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Conduct Building Safety Inspections NFIP compliant?	N/A
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Increase Awareness and Education of Earthquakes through an educational event. • Priority	Helps reduce risk Medium
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Increase Awareness and Education of Earthquakes through an educational event Timeframe	2025
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Increase Awareness and Education of Earthquakes through an educational event Pot. Funding Sources	Local
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Increase Awareness and Education of Earthquakes through an educational event Responsible Entity	City
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Conduct Outreach to Builders, Architects, Engineers, and Inspectors NFIP compliant?	N/A
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Retrofit Critical Facilities and Infrastructure to Withstand Earthquakes (list specifics in "comments" section) NFIP compliant?	N/A
EARTHOUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Establish a "green infrastructure" program to link, manage, and expand existing parks, preserves, greenways, etc NEIP	Helps reduce risk
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Establish a "green infrastructure" program to link, manage, and expand existing parks, preserves, greenways, etc Priority	Medium
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Establish a "green infrastructure" program to link, manage, and expand existing parks, preserves, greenways, etc Inferrame Establish a "green infrastructure" program to link, manage, and expand existing parks, preserves, greenways, etc Pot.	2025
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	Funding Sources	Local
	Establish a "green infrastructure" program to link, manage, and expand existing parks, preserves, greenways, etc	Cibu
EARTHQUAKE - CORRENT RESIDENTS/PROPERTT: Please compl	Establish a "green infrastructure" program to link, manage, and expand existing parks, preserves, greenways, etc Estimated	Lity
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY: Please compl	eCost	\$0-\$25 К
EARTHOUAKE EUTURE RESIDENTS/RRODERTY: Blogge complet	Other strategies and/or comments:	Same answers to future
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Review and/or Develop Codes, Ordinances and Policies NFIP compliant?	Helps reduce risk
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Review and/or Develop Codes, Ordinances and Policies Priority	Medium
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Review and/or Develop Codes, Ordinances and Policies Timeframe	2025
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Review and/or Develop Codes, Ordinances and Policies Pot. Funding Sources	Local
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Review and/or Develop Codes, Ordinances and Policies Estimated Cost	\$0 - \$25 K
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Adopt and Enforce Building Codes and Development Standards NFIP compliant?	N/A
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Uther local planning mechanisms, such as joining the NFIP, creating risk plans, establishing green infrastructure plan, etc	N/A
	Coordination and Partnerships, i.e. develop stormwater committee, regional watershed council, local councils, etc NFIP	,
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	compliant?	Helps reduce risk
FLOOD - CORRENT RESIDENTS/PROPERTY: Please complete the	Coordination and Partnerships, i.e. develop storniwater committee, regional watershed council, local councils, etc Phoney	Medium
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Coordination and Partnerships, i.e. develop stormwater committee, regional watershed council, local councils, etc Timeframe	2025
ELOOD CURRENT RESIDENTS/RROBERTY: Rigger complete the	Coordination and Partnerships, i.e. develop stormwater committee, regional watershed council, local councils, etc Pot.	Local
FLOOD - CORRENT RESIDENTS/FROPERTT. Flease complete the	Coordination and Partnerships, i.e. develop stormwater committee, regional watershed council, local councils, etc	LOCAI
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Responsible Entity	City
ELOOD - CLIRRENT RESIDENTS/PROPERTY: Please complete the	Coordination and Partnerships, i.e. develop stormwater committee, regional watershed council, local councils, etc Estimated	¢0. ¢75 V
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Stormwater Management Planning NFIP compliant?	Helps reduce risk
ELOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Chamman Management Diagona Drivity	and a
	Stormwater Management Planning Phonty	High
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Stormwater Management Planning Priority Stormwater Management Planning Timeframe	High 2025
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Stormwater Management Planning Trindrame Stormwater Management Planning Timdframe Stormwater Management Planning Pot. Funding Sources Stormwater Management Planning Responsible Eutity	High 2025 Local City
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete	Stormwater Management Planning Triofiny Stormwater Management Planning Timoframe Stormwater Management Planning Tot. Funding Sources Stormwater Management Planning Responsible Entity Stormwater Management Planning Estimated Cost	Hign 2025 Local City \$0 - \$25 K
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY PLEASE COMPLETE FLOOD - FLOOD - CURRENT RESIDENTS/PROPERTY PLEASE COMPLETE FLOOD - FLOOD - CURRENT RESIDENTS/PROPERTY PLEASE COMPLETE FLOOD - FLOOD - FLO	Stormwater Management Planning Triotity Stormwater Management Planning Timeframe Stormwater Management Planning Tot. Funding Sources Stormwater Management Planning Responsible Entity Stormwater Management Planning Estimated Cost Information and educational events (tils details in "comments" section, - NEIP compliant? Information and double interful to details in "comments" section, - NEIP compliant?	High 2025 Local City \$0 - \$25 K Helps reduce risk
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the	Stormwater Management Planning Frindray Stormwater Management Planning Timotrane Stormwater Management Planning Timotrane Stormwater Management Planning Responsible Entity Stormwater Management Planning Responsible Entity Stormwater Management Planning Responsible Entity Information and educational events (tils details in "comments" section) NFIP compliant? Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and Information and	High 2025 Local City \$0 - \$25 K Helps reduce risk Medium 2025
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Stormwater Management Planning Tinding Stormwater Management Planning Tindirame Stormwater Management Planning Tot. Funding Sources Stormwater Management Planning Responsible Entity Stormwater Management Planning Responsible Entity Stormwater Management Planning Responsible Entity Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) Priority Information and educational events (list details in "comments" section) Timoframe Information and educational events (list details in "comments" section) Timoframe Information and educational events (list details in "comments" section) Timoframe	Hign 2025 Local City 50- \$25 K Helps reduce risk Medium 2025 Local
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Stormwater Management Planning Tinding Stormwater Management Planning Tindirame Stormwater Management Planning Tot. Funding Sources Stormwater Management Planning Responsible Entity Stormwater Management Planning Estimated Cost Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) Prörity Information and educational events (list details in "comments" section) Timoframe Information and educational events (list details in "comments" section) Timoframe Information and educational events (list details in "comments" section) Responsible Entity	Hign 2025 Local City 50 - \$25 K Helps reduce risk Medium 2025 Local City 56 April 10
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the	Stoffmater Management Planning - Finding Stoffmater Management Planning - Timitrane Stormwater Management Planning - Timitrane Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (tils details in "comments" section) NFIP compliant? Information and educational events (tils details in "comments" section) Priotity Information and educational events (tils details in "comments" section) Priotity Information and educational events (tils details in "comments" section) Port, Funding Sources Information and educational events (tils details in "comments" section) Port, Funding Sources Information and educational events (tils details in "comments" section) Fort, Funding Sources Information and educational events (tils details in "comments" section) Fort, Funding Sources Information and educational events (tils details in "comments" section) Isonsible Entity Information and educational events (tils details in "comments" section) Estimated Cost Bernove Ensible Sturtures (film Endetail Azar Aze a NEP Compliant?	Hign 2025 Local City 50 - \$25 K Helps reduce risk Medium 2025 Local City 50 - \$25 K N/A
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- PleasE COMPLETY FLOOD - CURRENT RESIDENTS/PROPERTY- PleaSE COMPLETY FLOOD - CURRENT RESIDENTS/PROPERTY- Pl	Sofirmwater Management Planning Timotrane Stormwater Management Planning Timotrane Stormwater Management Planning Responsible Entity Stormwater Management Planning Responsible Entity Stormwater Management Planning Responsible Entity Information and educational events (tilst details in "comments" section) NFIP compliant? Information and educational events (tilst details in "comments" section) Priority Information and educational events (tilst details in "comments" section) Priority Information and educational events (tilst details in "comments" section) Protectame Information and educational events (tilst details in "comments" section) Pot. Funding Sources Information and educational events (tilst details in "comments" section) Responsible Entity Information and educational events (tilst details in "comments" section) Responsible Entity Information and educational events (tilst details in "comments" section) Responsible Entity Information and educational events (tilst details in "comments" section) Responsible Entity Information and educational events (tilst details in "comments" section) Responsible Entity Information and educational events (tilst details in "comments" section) Responsible Entity Information and Informaticuture NFIP compliant? Elevate or Retroff Facilitys and Informaticuture NFIP compliant?	Hign 2025 Local City 50 - 525 K Helps reduce risk Medium 2025 Local City 50 - \$25 K N/A Helps reduce risk
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Stormwater Management Planning Timotrame Stormwater Management Planning Timotrame Stormwater Management Planning Timotrame Stormwater Management Planning Responsible Entity Stormwater Management Planning Responsible Entity Stormwater Management Planning Responsible Entity Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) Priority Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) Priority Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and Reducational events (list details in "comments" section) Responsible Entity Elevate or Retroil I Facilities and Infrastructure NFIP compliant? Elevate or Retroil Facilities and Infrastructure Priority	High 2025 Local City 50 - 525 K Helps reduce risk Medium 2025 Local City 50 - 525 K N/A Helps reduce risk Médium
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the	Stormwater Management Planning Timoframe Stormwater Management Planning Timoframe Stormwater Management Planning Timoframe Stormwater Management Planning Responsible Edity Stormwater Management Planning Responsible Edity Stormwater Management Planning Responsible Edity Stormwater Management Planning Responsible Edity Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) Priority Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events filter to the section of the section - NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Priority Elevate or Retrofit Facilities and Infrastructure Timeframe Elevate or Retrofit Facilities and Infrastructure Timeframe Elevate or Retrofit Facilities and Infrastructure Timeframe	Heigh 2025 Local City 50 - 525 K Medium 2025 Local City 50 - 525 K N/A Helps reduce risk Medium 2025 Local City S0 - 525 K N/A Medium 2025 Local City S25 K N/A Medium 2025 Local City City S25 K N/A Medium 2025 Local Local Local
LOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the	Sofirmkaler Management Planning - Frindray Stormwater Management Planning - Timotry Stormwater Management Planning - Timotry Stormwater Management Planning - Responsible Entity Information and educational events (tils details in "comments" section) NEIP compliant? Information and educational events (tils details in "comments" section) Priority Information and educational events (tils details in "comments" section) Priority Information and educational events (tils details in "comments" section) Portignent Information and educational events (tils details in "comments" section) Portignent Information and educational events (tils details in "comments" section) Portignent Information and educational events (tils details in "comments" section) Portignent Information and educational events (tils details in "comments" section) Portignent Information and educational events (tils details in "comments" section) Responsible Entity Information and educational events (tils details in "comments" section) Responsible Entity Information and educational events (tils details in "comments" section) Responsible Entity Information and educational events (tils details in "comments" section) Estiniated Cost Remove Existing Structures from Flood Plazard Area NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Finding Sources Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity	High Jocal City S0 - 525 K Helps reduce risk Medium 2025 Local City S0 - 525 K N/A Help? reduce risk Medium 2025 Local City Golden City City City City
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the	Softmaater Management Planning - Frindraven Stormwater Management Planning - Timotrave Stormwater Management Planning - Timotrave Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (tist details in "comments" section) NEIP compliant? Information and educational events (tist details in "comments" section) Protity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and Infrastructure NEIP compliant? Elevate or Retrofit Facilities and Infrastructure NEIP compliant? Elevate or Retrofit Facilities and Infrastructure Timeframe Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Elevater of Cost Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure.	High 2025 Löcal City 50 - 525 K Helps reduce risk Medium 2025 Local City So - 525 K
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the	Softmakel Management Planning - Tindrame Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) Priotity Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) Priotity Information and educational events (list details in "comments" section) NEIP compliant? Information and educational events (list details in "comments" section) Nesponsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and Infrastructure NEIP compliant? Elevate or Retrofit Facilities and Infrastructure NEIP compliant? Elevate or Retrofit Facilities and Infrastructure Pointy Elevate or Retrofit Facilities and Infrastructure Pointy Elevate or Retrofit Facilities and Infrastructure Responsible Entity Eleva	High Diacal City S0 - 525 K Helps reduce risk Medium 2025 Local City 50 - 525 K Medium 2025 Local City 50 - 525 K Medium 2025 Local City 50 - 525 K Helps reduce risk Medium 2025 Local City 50 - 525 K Helps reduce risk
ICOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the	Sofirmkater Management Planning - Frindray Stormwater Management Planning - Timotry Stormwater Management Planning - Timotry Stormwater Management Planning - Responsible Entity Information and educational events (tils details in "comments" section) NFIP compliant? Information and educational events (tils details in "comments" section) Priotity Information and educational events (tils details in "comments" section) Priotity Information and educational events (tils details in "comments" section) Priotity Information and educational events (tils details in "comments" section) Protity Information and educational events (tils details in "comments" section) Pol. Flunding Sources Information and educational events (tils details in "comments" section) Stimated Cost Remove Existing Structures from Flood Hazard Area NFIP compliant? Elevate or Retrotif Facilities and Infrastructure NFIP compliant? Elevate or Retrotif Facilities and Infrastructure Priority Elevate or Retrotif Facilities and Infrastructure Priority Elevate or Retrotif Facilities and Infrastructure Responsible Entity Elevate or Retrotif Facilities and Infrastructure Responsible Entity Elevate or Retrotif Facilities and Infrastructure Responsible Entity Elevate or Retrofif Facilities and Infrastructure Priority Elevate or Retrofif Facilities and Infrastructure Structures JMP compliant? Elevate or Retrofif Facilities and Infrastructure Priority Elevate or Retrofif Facilities and Infrastructure Responsible Entity Elevate or Retrofif Facilities and Infrastructure Structures JMP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures PRIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures Timeframe	High DioCai Locai City S0 - 52 K Helps reduce risk Medium 2025 Locai City S0 - 52 K Helps reduce risk Medium 2025 Locai City S0 - 52 K Helps reduce risk Medium 2025 Locai City S0 - 52 K Helps reduce risk Medium 2025 S0 - 52 K Helps reduce risk Medium 2025
ECOD- CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the	Sofirmkaler Management Planning - Trindrave Stormwater Management Planning - Trindrave Stormwater Management Planning - Trindrave Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (tild details in "comments" section) NFIP compliant? Information and educational events (tild details in "comments" section) Porty Information and educational events (tild details in "comments" section) Port, Funding Sources Information and educational events (tild details in "comments" section) Responsible Entity Information and educational events (tild details in "comments" section) Responsible Entity Information and educational events (tild details in "comments" section) Responsible Entity Information and educational events (tild details in "comments" section) Responsible Entity Information and educational events (tild details in "comments" section) Responsible Entity Information and educational events (tild details in "comments" section) Responsible Entity Elevate or Retrofit Facilities and Infrastructure NiPIP compliant? Elevate or Retrofit Facilities and Infrastructure NiPIP compliant? Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Estimated Cost Floodproof A-Risk Residential and Non-Residential Structures Priority Floodproof A-Risk Residential and Non-Residential Structures	High 2025 Löcal City 50 - 52 K Helps reduce risk Medium 2025 Local City Bejör reduce risk Medium 2015 Local City S0 - 525 K Helps reduce risk Medium 2025 Local City S0 - 525 K Helps reduce risk Medium 2025 Local City S0 - 525 K
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete	Softmaker Management Planning - Timotray Stormwater Management Planning - Timotray Stormwater Management Planning - Timotray Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (tist details in "comments" section) NEIP compliant? Information and educational events (tist details in "comments" section) Protty Information and educational events (tist details in "comments" section) Protty Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Elevate or Retrofit Facilities and Infrastructure NiFIP compliant? Elevate or Retrofit Facilities and Infrastructure Finding Sources Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Priority Floodproof A-Risk Residential and	Heign 2025 Löcal City 50 - 525 K Helps reduce risk Medium 2025 Local City So - 525 K Helps reduce risk Medium 2025 Local City So - 525 K Helps reduce risk Medium 2025 Local City So - 525 K Helps reduce risk Medium 2025 Local City So - 400
ICODD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROP	Softmakel Management Planning - Finding Stormwater Management Planning - Timitrane Stormwater Management Planning - Timitrane Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (tist details in "comments" section) NEIP compliant? Information and educational events (tist details in "comments" section) Priotty Information and educational events (tist details in "comments" section) Priotty Information and educational events (tist details in "comments" section) Pot. Funding Sources Information and educational events (tist details in "comments" section) Net Planner Information and educational events (tist details in "comments" section) Fot. Funding Sources Information and educational events (tist details in "comments" section) Estimated Cost Remove Existing Structures (from Plood Plazar Area NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Priotty Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Estimated Cost Floodproof Ar-Risk Residential and Non-Residential Structures PRIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures Responsible Entity Floodproof Ar-Risk Residential and Non-Residential Structures Responsible Entity Floodproof Ar-Risk Residential and Non-Residential Structures Responsible Entity Floodproof Ar-Risk Restructures. And Area Neresiden	High 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk
ICOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROP	Softmakel Management Planning - Finding Stormwater Management Planning - Tinding Stormwater Management Planning - Tinding Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Restimated Cast Information and educational events (list details in "comments" section) NFIP compliant? Information and educational events (list details in "comments" section) Pronty Information and educational events (list details in "comments" section) Pronty Information and educational events (list details in "comments" section) Post Flunding Sources Information and educational events (list details in "comments" section) Post Flunding Sources Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Sturated Cost Floodproof A-Risk Residential and Non-Residential Structures PIP compliant? Floodproof A-Risk Residential and Non-Residential Structures PIP compliant? Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Elovate or Retrofit Facilities and Non-Residential Structures Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures	High Dical Local City S0 - 525 K Helps reduce risk Medium 2025 Local City Sol 525 K N/A Help? reduce risk Medium 2025 Local City Sol 525 K Help? reduce risk Medium 2025 Local City Sol - 525 K Help: reduce risk Medium 2025 Local City Sol - 525 K Help: reduce risk Medium 2025 Local City Graphic reduce risk Medium
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete	Softmakel Management Planning - Timotrane Stormwater Management Planning - Timotrane Stormwater Management Planning - Timotrane Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (list details in "comments" section) NFIP compliant? Information and educational events (list details in "comments" section) - Priority Information and educational events (list details in "comments" section) - Prot. Funding Sources Information and educational events (list details in "comments" section) - Responsible Entity Information and educational events (list details in "comments" section) - Responsible Entity Information and educational events (list details in "comments" section) - Responsible Entity Information and educational events (list details in "comments" section) - Responsible Entity Information and educational events (list details in "comments" section) - Responsible Entity Information and educational events (list details in "comments" section) - Responsible Entity Information and Infrastructure - NFIP compliant? Elevate or Retrofit Facilities and Infrastructure - Timeframe Elevate or Retrofit Facilities and Infrastructure - Timeframe Elevate or Retrofit Facilities and Infrastructure - Responsible Entity Elevate or Retrofit Facilities and Infrastructure - Stimated Cost Floodproof A-Risk Residential and Non-Residential Structures - Priority Floodproof A-Risk Residential and Non-Residential Structures - Priority Floodproof A-Risk Residential and Non-Residential Structures - Responsible Entity Floodproof A-Risk Res Residential	Heign 2025 Löcal City 50 - 525 K Helgs reduce risk Medium 2025 Local Gity Gols S25 K Medium 2025 Local Gity S05 - 525 K Helgs reduce risk Medium 2025 Local Gity S0 - 525 K Helgs reduce risk Medium 2025 Local Gity S0 - 525 K Helgs reduce risk Medium 205 - 525 K Medium 2025 Local City S0 - 525 K Medium 2025 Local City S0 - 525 K Medium 2025 Local City City S0 - 525 K </td
ICODD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROP	Stoffmaker Management Planning - Finding Stormwater Management Planning - Timitraine Stormwater Management Planning - Timitraine Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Estimated Cost Information and educational events (tist details in "comments" section) NEIP compliant? Information and educational events (tist details in "comments" section) Priotty Information and educational events (tist details in "comments" section) Priotty Information and educational events (tist details in "comments" section) Prot. Flunding Sources Information and educational events (tist details in "comments" section) Fort. Flunding Sources Information and educational events (tist details in "comments" section) Fort. Flunding Sources Information and educational events (tist details in "comments" section) Estimated Cost Remove Existing Structures from Flood Plazard Area NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Priority Elevate or Retrofit Facilities and Infrastructure Fineframe Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Floodproof A-Risk	High Decal Local City S0 - 52 K Helps reduce risk Medium 2025 Local Gity S0 - 52 K Helps reduce risk Medium 2025 Local Ozi S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 202 Local City S0 - 52 K Helps reduce risk Medium 202 Local City S0 - 52 K Medium 202 Local City S0 - 62 K Medium 202 Local Counth
ICOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROP	Softmakel Management Planning - Finding Stormwater Management Planning - Timotry Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (tils details in "comments" section) NFIP compliant? Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Pronty Information and educational events (tils details in "comments" section) Post. Flunding Sources Information and educational events (tils details in "comments" section) Estimated Cost Remove Existing Structures from Flood Hazard Area NFIP complant? Elevate or Retrofit Facilities and Infrastructure NFIP complant? Elevate or Retrofit Facilities and Infrastructure Profity Elevate or Retrofit Facilities and Infrastructure Finding Sources Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Strunding Sources Elevate or Retrofit Facilities and Infrastructure Strunding Sources Elevate or Retrofit Facilities and Infrastructure Strunding Sources Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Strunding Sources Floodproof Ar-Risk Residential and Non-Residential Structures PRIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures Strunding Sources Floodproof Ar-Risk Residential and Non-Residential Structures Estimated Cost Protect Infrastructure such as reads, br	High 10225 Locai City 50 - 525 K Helps reduce risk Medium 2025 Locai City 50 - 525 K Helps reduce risk Medium 2025 Locai City 50 - 525 K Helps reduce risk Medium 2025 Locai City 50 - 525 K Helps reduce risk Medium 2025 Locai City S0 - 525 K Helps reduce risk Medium 2025 Locai City S0 - 525 K Helps reduce risk Medium 2025 Locai City S0- S55 Mil
LOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPE	Softmaker Management Planning - Timotrane Stormwater Management Planning - Timotrane Stormwater Management Planning - Timotrane Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Society - Promy Information and educational events (tit details in "comments" section) NFIP compliant? Information and educational events (tit details in "comments" section) Promy Information and educational events (tit details in "comments" section) Promy Information and educational events (tit details in "comments" section) Fort Funding Sources Information and educational events (tit details in "comments" section) Responsible Entity Information and educational events (tit details in "comments" section) Responsible Entity Information and educational events (tit details in "comments" section) Responsible Entity Information and educational events (tit details in "comments" section) Responsible Entity Elevate or Retroff Facilities and Infrastructure NIPP compliant? Elevate or Retroff Facilities and Infrastructure NIPP compliant? Elevate or Retroff Facilities and Infrastructure Responsible Entity Elevate or Retroff Facilities and Infrastructure Responsible Entity Elevate or Retroff Facilities and Infrastructure Responsible Entity Elevate or Retroff Facilities and Infrastructure Estimated Cost Floodproof A-Risk Residential and Non-Residential Structures VIPP compliant? Floodproof A-Risk Residential and Non-Residential Structures Proitry Floodproof A-Risk Residential and Non-Residential Structures Proitry Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Frotect Infrastructure such as roads, bridges, wastewater treatment, etc Prointy Protect Infrastructure such as roads, bridges, wastewater treatment	High 2025 Local City 50 - 525 K Helps reduce risk Medium 2025 Local City Begör reduce risk Medium 2025 Local City S0 - 525 K Helps reduce risk Medium 2025 Local City S0 - 525 K Helps reduce risk Medium 2025 Local City S0 - 525 K Helps reduce risk Medium 2025 Local City S0 - 525 K Helps reduce risk Medium 2025 Local City S00 K - 51 Mil Helps reduce risk
ICODD - CURRENT RESIDENTS/PROPERTY- Please complete the ICODD - CURRENT RESIDENTS/PROPERTY- Please complete	Softmakel Management Planning - Timotry Stormwater Management Planning - Timotry Stormwater Management Planning - Tool. Funding Sources Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (list details in "comments" section) NFIP compliant? Information and educational events (list details in "comments" section) Priotity Information and educational events (list details in "comments" section) Net Pl compliant? Information and educational events (list details in "comments" section) Net Funding Sources Information and educational events (list details in "comments" section) Net Funding Sources Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Starter details Remove Existing Structures from Flood Hazard Area NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Timeframe Elevate or Retrofit Facilities and Infrastructure Timeframe Floodproof Ar-Risk Residential and Non-Residential Structures Priority Floodproof Ar-Risk Residential and Non-Residential Structures Port Funding Sources Floodproof Ar-Risk Residential and Non-Residential Structures Responsible Entity Floodproof Ar-Risk Residential and Non-Residential Structures Responsible Entity Floodproof Ar-Risk Residential and Non-Residential Structures Responsible Entity Floodproof Ar-Risk Residential and Non-Residential Structures Estimated Cost Floodproof Ar-Risk Residential and Non-Residential Structures Seponsible Entity Floodproof Ar-Risk Residential and Non-Residential Structures Seponsible Entity Floodproof Ar-Risk Residential and Non-Residential St	High High Jöčal City Sö - 525 K Helgs reduce risk Medium Z025 Local City Sö - 525 K Helg)r reduce risk Medium Z025 Local City S05 - 525 K Helgs reduce risk Medium Z025 Local City S0 - 525 K Helps reduce risk Medium Z025 Local City S0 - 525 K Helps reduce risk Medium Z025 Local City S0 - 52 S K Helps reduce risk Medium S025 Local County S500 K - 51 Mil Medium S025 S026
LOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPE	Softmaker Management Planning - Finding Stormwater Management Planning - Timotry Stormwater Management Planning - Timotry Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Responsible Entity Information and educational events (tist details in "comments" section) NFIP compliant? Information and educational events (tist details in "comments" section) Priotity Information and educational events (tist details in "comments" section) Priotity Information and educational events (tist details in "comments" section) Protect Information and educational events (tist details in "comments" section) Flority Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Estimated Cost Remove Existing Structures (from Flood Hzaard Area NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Priotity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Estimated Cost Floodproof Ar-Risk Residential and Non-Residential Structures PRIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures PRIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures PRIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures Responsible Entity Floodproof Ar-Risk Residential and Non-Residential Structures Estima	High High JO225 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local Coalt Coalt Coalt Coalt Coalt Coalt Coalt
ICOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROP	Softmaker Management Planning - Finding Stormwater Management Planning - Tinding Stormwater Management Planning - Teol Funding Sources Stormwater Management Planning - Estimated Cost Information and educational events (tist details in "comments" section) NEIP compliant? Information and educational events (tist details in "comments" section) Pronty Information and educational events (tist details in "comments" section) Pronty Information and educational events (tist details in "comments" section) Pronty Information and educational events (tist details in "comments" section) Pronty Information and educational events (tist details in "comments" section) Post Funding Sources Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Estimated Cost Remove Existing Structures from Flood Plazad Area NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Stantated Cost Floodproof Ar-Risk Residential and Non-Residential Structures PRIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures NEIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures Responsible Entity Erotact Infrastructure such as roads, bridges, wastewater treatment, etc NEIP compliant? Protect Infrastructure such as roads, bridges, wastewater treatment, etc NEIP compliant? Protect Infrastructure such as roads, bridges, wastewater treatment, etc Trundrame Protect Infrastructure such as roads, bridges, wastewater treatment, etc Trundrame	High Discal Local City So - 525 K Helps reduce risk Medium 2025 Local City Sols 525 K N/A Help' reduce risk Medium 2025 Local City Sols 525 K Help' reduce risk Medium 2025 Local City Sols 525 K Help: reduce risk Medium 2025 Local City Sols 525 K Help: reduce risk Medium 2025 Local County S500 K - 51 Mil Help: reduce risk Medium 2025 Local City
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROP	Softmaker Management Planning - Tindray Stormwater Management Planning - Tindray Stormwater Management Planning - Teol. Funding Sources Stormwater Management Planning - Estimated Cast Information and educational events (list details in "comments" section) NFIP compliant? Information and educational events (list details in "comments" section) Protty Information and educational events (list details in "comments" section) Protty Information and educational events (list details in "comments" section) Post, Funding Sources Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Elevate or Retrofit Facilities and Infrastructure NiPP compliant? Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Estimated Cost Floodproof Ak-Risk Residential and Non-Residential Structures Portory Floodproof Ak-Risk Residential and Non-Residential Structures Portory Floodproof Ak-Risk Residential and Non-Residential Structures Responsible Entity Floodproof Ak-Risk Residential and Non-Residential Structures Responsible Entity Protect Infrastructure such as roads, bridges, wastewater treatment, etc Responsible	High High Jöcal City Sör 252 K Heigh reduce risk Medium 2025 Local City Son 525 K Helgb reduce risk Medium 2025 Local City S0 - 525 K Helgb reduce risk Medium 2025 Local City S0 - 525 K Helgb reduce risk Medium 2025 Local Conity S00 K - 51 Mil Helgb reduce risk Medium 2025 Local City S00 K - 51 Mil Helgb reduce risk Medium 2025 Local City Helger reduce risk Medium 2025 Local City Helgerenduce risk
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROP	Stoffmakel Management Planning - Finding Stormwater Management Planning - Thoting Stormwater Management Planning - Thot Funding Sources Stormwater Management Planning - Espinated Cost Information and educational events (tist details in "comments" section) NEIP compliant? Information and educational events (tist details in "comments" section) Priotty Information and educational events (tist details in "comments" section) Priotty Information and educational events (tist details in "comments" section) Priotty Information and educational events (tist details in "comments" section) NEIP compliant? Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Estimated Cost Remove Existing Structures (from Flood Flazard Area NEIP compliant? Elevate or Retrofit Facilities and Infrastructure NEIP compliant? Elevate or Retrofit Facilities and Infrastructure Priorty Elevate or Retrofit Facilities and Infrastructure Fineframe Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Pointy Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Frotect Infrastructure such as roads, bridges, wastewater treatment, et	High High Joza Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S00 K - 51 Mil Helps reduce risk Medium 2025 Local City Helps reduce risk Medium 2025 Local City
LOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPE	Softmakel Management Planning - Finding Stormwater Management Planning - Thotny Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Estimated Cast Information and educational events (tist details in "comments" section) NEIP compliant? Information and educational events (tist details in "comments" section) Protity Information and educational events (tist details in "comments" section) Protity Information and educational events (tist details in "comments" section) Protity Information and educational events (tist details in "comments" section) Protity Information and educational events (tist details in "comments" section) Post. Funding Structures from Plood Hazard Area NFIP compliant? Elevate or Retrolt Facilities and Infrastructure NFIP compliant? Elevate or Retrolt Facilities and Infrastructure NFIP compliant? Elevate or Retrolt Facilities and Infrastructure Finding Sources Elevate or Retrolt Facilities and Infrastructure Finding Sources Elevate or Retrolt Facilities and Infrastructure Finding Sources Elevate or Retrolt Facilities and Infrastructure NFIP compliant? Elevate or Retrolt Facilities and Infrastructure Responsible Entity Elevate or Retrolt Facilities and Infrastructure Responsible Entity Elevate or Retrolt Facilities and Infrastructure Responsible Entity Elevate or Retrolt Facilities and Infrastructure Strunding Sources Elevate or Retrolt Facilities and Infrastructure Strunding Sources Elevate or Retrolt Facilities and Infrastructure Responsible Entity Elevate or Retrolt Facilities and Infrastructure Responsible Entity Elevate or Retrolt Facilities and Infrastructure Strunding Sources Floodproof Ar-Risk Residential and Non-Residential Structures PRIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures Priority Floodproof Ar-Risk Residential and Non-Residential Structures Estimated Cost Protect Infrastructure such as reads, bridges, wastewater treatme	High High JOZ25 Locai City SO - 525 K Helps reduce risk Medium 2025 Locai City 50 - 525 K Helps reduce risk Medium 2025 Locai City SO - 525 K Helps reduce risk Medium 2025 Locai City SO - 525 K Helps reduce risk Medium 2025 Locai City SO - 525 K Helps reduce risk Medium 2025 Locai City SOS - 525 K Helps reduce risk Medium 2025 Locai City SOS + 53 Mil Helps reduce risk Medium 2025 Locai
LOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPE	Solimikatel Management Planning - Finding Stormwater Management Planning - Thotiny Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Estimated Cast Information and educational events (titi details in "comments" section) NFIP compliant? Information and educational events (titi details in "comments" section) Pronty Information and educational events (titi details in "comments" section) Pronty Information and educational events (titi details in "comments" section) Pronty Information and educational events (titi details in "comments" section) Post Funding Sources Information and educational events (titi details in "comments" section) Responsible Entity Information and educational events (titi details in "comments" section) Responsible Entity Information and educational events (titi details in "comments" section) Responsible Entity Information and educational events (titi details in "comments" section) Responsible Entity Information and educational events (titi details in "comments" section) Responsible Entity Elevate or Retrofit Facilities and Infrastructure NEIP compliant? Elevate or Retrofit Facilities and Infrastructure NEIP compliant? Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Stimated Cost Elevate or Retrofit Facilities and Non-Residential Structures PRIP compliant? Elevate or Retrofit Facilities and Non-Residential Structures PRIP compliant? Elevate or Retrofit Facilities and Non-Residential Structures Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Frotect Infrastructure such as roads, bridges, wastewater treatment, etc NEIP compliant? Protect Infrastructure such as roads, bridges, wastewater treatment, etc NEIP compliant?	High 2025 Lisčai City S0-525 K Helps reduce risk Medium 2025 Local City S0-525 K Help's reduce risk Medium 2025 Local City S0-525 K Helps reduce risk Medium 2025 Local City S0-525 K Helps reduce risk Medium 2025 Local City S0-525 K Helps reduce risk Medium 2025 Local Caunty S025 Local City Helps reduce risk Medium 2025 Local City Meduer 2025 Local City Helps reduce risk
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROP	Softmakel Management Planning - Finding Stormwater Management Planning - Thoting Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Estimated Cost Information and educational events (tist details in "comments" section) NFIP compliant? Information and educational events (tist details in "comments" section) Profity Information and educational events (tist details in "comments" section) Profity Information and educational events (tist details in "comments" section) Profity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Responsible Entity Information and educational events (tist details in "comments" section) Estimated Cost Remove Existing Structures from Flood Plazard Area NFIP compliant? Elevate or Retrofit Facilities and Infrastructure NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Profity Elevate or Retrofit Facilities and Infrastructure Flooting Sources Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Prifty Compliant? Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures R	High 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local Gity S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S0 - 52 K Helps reduce risk Medium 2025 Local City S200 K - 51 Mil Helps reduce risk Medium 2025 Local City S200 K - 51 Mil S200 K - 51 Mil
LOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROPE	Softmakel Management Planning - Finding Stormwater Management Planning - Thoting Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Estimated Cast Information and educational events (tist details in "comments" section) NEIP compliant? Information and educational events (tist details in "comments" section) Priotity Information and educational events (tist details in "comments" section) Priotity Information and educational events (tist details in "comments" section) Priotity Information and educational events (tist details in "comments" section) Priotity Information and educational events (tist details in "comments" section) Estimated Cost Remove Existing Structures from Flood Hzaard Area NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Strunding Sources Elevate or Retrofit Facilities and Infrastructure Strunding Sources Elevate or Retrofit Facilities and Infrastructure Strunding Sources Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures PRIP compliant? Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Protect Infrastructure such as roads, bridges, wastewater treatment, etc Piority Protect Infrastructu	High Decai Locai City S0 - 52 K Helps reduce risk Medium 2025 Locai City S0 - 52 K Helps reduce risk Medium 2025 Locai City S0 - 52 K Helps reduce risk Medium 2025 Locai City S0 - 52 K Helps reduce risk Medium 2025 Locai City S0 - 52 K Helps reduce risk Medium 2025 Locai County S00 K - 51 Mil Helps reduce risk Medium 2025 Locai City S05 S00 K - 51 Mil Helps reduce risk Medium 2025 Locai City
LCOOD - CURRENT RESIDENTS/PROPERTY: Please complete the FLOOD - CURRENT RESIDENTS/PROP	Softmakel Management Planning - Finding Stormwater Management Planning - Thoting Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Estimated Cost Information and educational events (list details in "comments" section) NFIP compliant? Information and educational events (list details in "comments" section) Pronty Information and educational events (list details in "comments" section) Pronty Information and educational events (list details in "comments" section) Pronty Information and educational events (list details in "comments" section) Pronty Information and educational events (list details in "comments" section) Estimated Cost Information and educational events (list details in "comments" section) Estimated Cost Remove Existing Structures from Flood Mazia Area NFIP compliant? Elevate or Retrofit Facilities and Infrastructure Responsible Entity Elevate or Retrofit Facilities and Infrastructure Stimated Cost Floodproof Ar-Risk Residential and Non-Residential Structures PIP compliant? Floodproof Ar-Risk Residential and Non-Residential Structures Pinding Sources Floodproof Ar-Risk Residential and Non-Residential Structures Responsible Entity Frotect Infrastructure such as reads, bridge, wastewater treatment, etc NFIP compliant? Protect Infrastructure such as reads, bridge, wastewater treatment, etc Responsible Entity Protect Infrastructure such as reads, bridge, wastewater treatment, etc Responsible Entity Protect Infrastructure such as reads, bridge, wastewater treatment, etc Responsible	High Discai Locai City So - 525 K Helps reduce risk Medium 2025 Locai City S0 - 525 K Help' reduce risk Medium 2025 Locai City S0 - 525 K Help' reduce risk Medium 2025 Locai City S0 - 525 K Help: reduce risk Medium 2025 Locai Cray S0 - 525 K Help: reduce risk Medium 2025 Locai County 2025 Locai City City 2025 Locai City reduce risk Medium 2025 Locai City S00 K - 51 Mil
FLOOD - CURRENT RESIDENTS/PROPERTY- Please complete the FLOOD - CURRENT RESIDENTS/PROP	Solimikater Management Planning - Tindiray Stormwater Management Planning - Tot. Funding Sources Stormwater Management Planning - Responsible Entity Stormwater Management Planning - Estimated Cast Information and educational events (list details in "comments" section) NFIP compliant? Information and educational events (list details in "comments" section) Pronty Information and educational events (list details in "comments" section) Pronty Information and educational events (list details in "comments" section) Fort Funding Sources Information and educational events (list details in "comments" section) Fort Funding Sources Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Information and educational events (list details in "comments" section) Responsible Entity Elevate or Retroff Facilities and Infrastructure NEIP compliant? Elevate or Retroff Facilities and Infrastructure Finding Sources Elevate or Retroff Facilities and Infrastructure Responsible Entity Elevate or Retroff Facilities and Infrastructure Responsible Entity Elevate or Retroff Facilities and Infrastructure Estimated Cost Floodproof A-Risk Residential and Non-Residential Structures Priority Floodproof A-Risk Residential and Non-Residential Structures Priority Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Floodproof A-Risk Residential and Non-Residential Structures Responsible Entity Protect Infrastructure such as roads, bridges, wastewater treatment, etc NEIP compliant? Protect Infrastructure such as roads, bridges, wastewater treatment, etc Runding So	High 2025 Lisčai City S0-525 K Helps reduce risk Medium 2025 Local City S0-525 K Help's reduce risk Médium 2025 Local City S0-525 K Help's reduce risk Médium 2025 Local City S0-525 K Helps reduce risk Medium 2025 Local City S0-525 K Medium 2025 Local City Helps reduce risk Medium 2025 Local City Helps reduce risk Medium 2025 Local City Helps reduce risk Medium 2025 Local

Stansbury F	Park Improvement District Mitigation Strategies - 2021 Tooele County PDMP	
	Protect and Restore Natural Flood Mitigation Features through natural greenway protection and restoration Responsible	City
FLOOD - OURRENT RESIDENTS/PROPERTY: Please complete the I	U-LINUY Protect and Peetore Natural Flood Mitigation Features through natural greenway protection and restoration. Estimated Cost	675 K - 650 K
ELOOD - CURRENT RESIDENTS/PROPERTY: Please complete the I	Preserve Floodolains and Onen Space through ordinances land purchase, conservation essemants, etc. NEID compliant2	Helps reduce rick
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the I	Preserve Floodplains and Open Opace through ordinances, land purchase, conservation easements, etc NFIP Compliant?	Medium
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the I	Preserve Floodplains and Open Space through ordinances, land purchase, conservation easements, etc Timeframe	2025
	Preserve Floodplains and Open Space through ordinances, land purchase, conservation easements, etc Pot. Funding	t and
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the I	Sources	Local
FLOOD - CURRENT RESIDENTS/PROPERTY: Please complete the I	Preserve Floodplains and Open Space through ordinances, land purchase, conservation easements, etc Responsible Entity	City
1 2000 - OURNEINT REGIDEINT G/PROPERTIT: Please complete the I	un recente i receptante and open opace anough ordinances, ianu purchase, conservation easements, etc Estimated Cost	Same answers for Future as
FLOOD - FUTURE RESIDENTS/PROPERTY: Please complete the be	Other strategies and/or comments:	with current
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY:	Other strategies and/or comments:	Not Pertinent
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY: F	Other strategies and/or comments:	Not Pertinent
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Develop a code or regulation prohibiting or limiting structures in known problem soil areas NFIP compliant?	Helps reduce risk
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Develop a code or regulation prohibiting or limiting structures in known problem soil areas Priority	Medium
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Develop a code or regulation pronibiling or limiting structures in known problem soil areas I imerrame	2025
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Develop a code or regulation prohibiting or limiting structures in known problem soil areas Pot. Funding Sources	County
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Develop a code or regulation prohibiting or limiting structures in known problem soil areas Estimated Cost	\$0 - \$25 K
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Broule gestechnical study to determine risk to structures in various geographic areas. • NEIP combiant?	Helps reduce risk
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Require gestechnical study to determine risk to structures in various geographic areas Priority	Medium
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Require geotechnical study to determine risk to structures in various geographic areas Timeframe	2025
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Require geotechnical study to determine risk to structures in various geographic areas Pot. Funding Sources	County
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Require geotechnical study to determine risk to structures in various geographic areas Responsible Entity	County
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Require geotechnical study to determine risk to structures in various geographic areas Estimated Cost	\$25 K - \$50 K
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Restrict development in areas with soil that is considered poor or unsuitable for development NFIP compliant?	Helps reduce risk
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Restrict development in areas with soil that is considered poor or unsuitable for development Priority	Medium
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Restrict development in areas with soil that is considered poor or unsuitable for development Timeframe	2025
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Restrict development in areas with soil that is considered poor or unsuitable for development Pot. Funding Sources	County
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Restrict development in areas with soil that is considered poor or unsuitable for development Responsible Entity	County
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Restrict development in areas with soil that is considered poor or unsuitable for development Estimated Cost	\$0 - \$25 K
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Adopt an ordinance promoting permafrost sensitive construction practices NFIP compliant?	N/A
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Promote community awareness of risks and impacts from building in problem soil areas NFIP compliant?	Helps reduce risk
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Promote community awareness of risks and impacts from building in problem soil areas Priority	Medium
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Promote community awareness of risks and impacts from building in problem soil areas Timeframe	2025
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Promote community awareness of risks and impacts from building in problem soil areas Pot. Funding Sources	County
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY: Please con	Promote community awareness of risks and impacts nom building in problem soil areas. Responsible Entity	county
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY Plaga con	Retrofit or remove existing structures from problem soil areas NFIP compliant?	ν/Δ
FROBLEM SOILS - CORRENT RESIDENTS/FROFERTT. Flease con	Neuron or remove existing structures nom problem solitareas Write compliante:	same answers given for
PROBLEM SOILS - FLITURE RESIDENTS/PROPERTY: Please comp	Other strategies and/or comments:	current apply to future soils
RADON - CURRENT RESIDENTS/PROPERTY: Please complete the	Other strategies and/or comments:	Not Pertinent
RADON - FUTURE RESIDENTS/PROPERTY: Please complete the bo	Other strategies and/or comments:	Not Pertinent
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Review and/or Develop Codes, Ordinances and Policies NFIP compliant?	Helps reduce risk
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Review and/or Develop Codes, Ordinances and Policies Priority	Low
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Review and/or Develop Codes, Ordinances and Policies Timeframe	2025
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Review and/or Develop Codes, Ordinances and Policies Pot. Funding Sources	Local
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Review and/or Develop Codes, Ordinances and Policies Responsible Entity	City
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Review and/or Develop Codes, Ordinances and Policies Estimated Cost	\$0 - \$25 K
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Provide Weather-Related Information through Print, Broadcast and Social Media NFIP compliant?	Helps reduce risk
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Provide weather-Related Information through Print, Broadcast and Social Media Priority	LOW
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please (Provide Weather-Related Information through Print, Broadcast and Social Media, - Limetrame	2025
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please (privile weather-keiateu mormation through Print, Broadcast and Social Media, - Pot. Funding Sources	Local
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please (provide weather-Related Information through Print, broadcast and Social media, - Responsible Entity	city 60 - 635 K
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please (Conduct Outreach Activities Increase and Public Awareness (specify below in commente) - NEID compliant?	90 - 923 N Helps reduce rick
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY Please (Conduct Outreach Activities Increase and Public Awareness (specify below in comments) - Priority	low
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Conduct Outreach Activities Increase and Public Awareness (specify below in comments) Timeframe	2025
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Conduct Outreach Activities Increase and Public Awareness (specify below in comments) Pot, Funding Sources	Local
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Conduct Outreach Activities Increase and Public Awareness (specify below in comments) Responsible Entity	City
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Conduct Outreach Activities Increase and Public Awareness (specify below in comments) Estimated Cost	\$0 - \$25 K
	Protect Life, Safety and Property Damage of Residential Buildings through applicable architecture and retrofits NFIP	
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	compliant?	Helps reduce risk
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Protect Life, Safety and Property Damage of Residential Buildings through applicable architecture and retrofits Priority	Low
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Protect Life, Safety and Property Damage of Residential Buildings through applicable architecture and retrofits Timeframe	2025
SEVERE WEATHER - CURRENT RESIDENTS/DRODERTY- PLANA	Protect Life, Safety and Property Damage of Residential Buildings through applicable architecture and retrofits Pot. Funding	County
ETTER CONTENT REDIDENTON NOT ENTER Please (Protect Life, Safety and Property Damage of Residential Buildings through applicable architecture and retrofits Responsible	
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Entity Dontert Life, Safety and Droperty Damage of Residential Buildings through applicable prohitecture and retraffic	County
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY Please of	Cost	\$0 - \$25 K
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY Please of	Retrofit Public Buildings and Critical Facilities/Infrastructure (specify below in comments) NFIP compliant?	Helps reduce risk
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Retrofit Public Buildings and Critical Facilities/Infrastructure (specify below in comments) Priority	Low
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Retrofit Public Buildings and Critical Facilities/Infrastructure (specify below in comments) Timeframe	2025
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Retrofit Public Buildings and Critical Facilities/Infrastructure (specify below in comments) Pot. Funding Sources	County
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Retrofit Public Buildings and Critical Facilities/Infrastructure (specify below in comments) Responsible Entity	County
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Retrofit Public Buildings and Critical Facilities/Infrastructure (specify below in comments) Estimated Cost	\$0 - \$25 K
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Reducing Impacts of Wind, Hail, Lightning through structural projects, i.e. windbreaks NFIP compliant?	Helps reduce risk
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Reducing Impacts of Wind, Hail, Lightning through structural projects, i.e. windbreaks Priority	Low
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Reducing Impacts of Wind, Hail, Lightning through structural projects, i.e. windbreaks Timeframe	2025
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Reducing Impacts of Wind, Hail, Lightning through structural projects, i.e. windbreaks Pot. Funding Sources	County
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Reducing Impacts of Wind, Hail, Lightning through structural projects, i.e. windbreaks Responsible Entity	County
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY: Please of	Reducing Impacts of Wind, Hail, Lightning through structural projects, i.e. windbreaks Estimated Cost	\$0 - \$25 K
		The answers are the same for
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY: Please co	rOther strategies and/or comments:	Future as Current answers
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete t	Develop an tornado codes or regulation prohibiting or limiting structures in known tornado areas NFIP compliant?	Helps reduce risk
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete t	Develop an tornado codes or regulation prohibiting or limiting structures in known tornado areas Priority	Low
TOTAL DO CONTENT REODENTOR NOT ENTLY REASE COMPLETE	In the second	0.000
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete t	Develop an tornado codes or regulation prohibiting or limiting structures in known tornado areas I imetrame	2025
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete t TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete t	Develop an tomado codes or regulation prohibiting or limiting structures in known tornado areas Timeframe Develop an tornado codes or regulation prohibiting or limiting structures in known tornado areas Pot. Funding Sources	2025 County
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete t TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete t TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete t	ruevelop an tornado codes or regulation promibiling or ilmining structures in known tornado areas rumertame Develop an tornado codes or regulation prohibiling or limining structures in known tornado areas Pot. Funding Sources Develop an tornado codes or regulation prohibiling or limiting structures in known tornado areas Responsible Entity	2025 County County

Stansbury P	ark Improvement District Mitigation Strategies - 2021 Tooele County PDMP	1
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Appropriate engineering controls (such as, detlection structures) are designed and installed to mitigate the hazard NFIP compliant?	Helps reduce risk
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Appropriate engineering controls (such as, deflection structures) are designed and installed to mitigate the hazard Priority	Low
	Annronriate ennineering controls (such as deflection structures) are designed and installed to mitigate the borard. Timefrome	2025
CONTRACT CONTRACT RESIDENTS/PROPERTY: Please Complete tr	Appropriate engineering controls (such as, deflection structures) are designed and installed to mitigate the hazard Pot.	
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the	Funding Sources	County
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	poppropriate engineering controls (such as, denection structures) are designed and installed to mitigate the hazard Responsible Entity	County
	Appropriate engineering controls (such as, deflection structures) are designed and installed to mitigate the hazard Estimated	
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Require Wind-Resistant Building Techniques NFIP compliant?	SU - SZ5 K Helps reduce risk
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Require Wind-Resistant Building Techniques Priority	Low
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Require Wind-Resistant Building Techniques Timeframe	2025
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the	Require Wind-Resistant Building Techniques Pot. Funding Sources	County
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Require Wind-Resistant Building Techniques Estimated Cost	\$0 - \$25 K
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Conduct Outreach Activities to Increase Awareness of Tornado Risk (Specify below in comments) NFIP compliant?	Helps reduce risk
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the	Conduct Outreach Activities to Increase Awareness of Tornado Risk (Specify below in comments) Phonty Conduct Outreach Activities to Increase Awareness of Tornado Risk (Specify below in comments) Timeframe	2025
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the	Conduct Outreach Activities to Increase Awareness of Tornado Risk (Specify below in comments) Pot. Funding Sources	County
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Conduct Outreach Activities to Increase Awareness of Tornado Risk (Specify below in comments) Responsible Entity	County
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the	Encourage Construction of Safe Rooms (Specify below in comments), - NFIP compliant?	SU - SZ5 K Helps reduce risk
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Encourage Construction of Safe Rooms (Specify below in comments) Priority	Low
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Encourage Construction of Safe Rooms (Specify below in comments) Timeframe	2025
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the	Encourage Construction of Safe Rooms (Specify below in comments), - Pot. Putholng Sources	County
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Encourage Construction of Safe Rooms (Specify below in comments) Estimated Cost	\$0 - \$25 K
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Require Wind-Resistant Building Techniques NFIP compliant?	Helps reduce risk
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete the	Require Wind-Resistant Building Techniques Priority Require Wind-Resistant Building Techniques Timeframe	LOW 2025
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Require Wind-Resistant Building Techniques Pot. Funding Sources	County
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Require Wind-Resistant Building Techniques Responsible Entity	County
TORNADO - CURRENT RESIDENTS/PROPERTY: Please complete th	Require Wind-Resistant Building Techniques Esumated Cost	ŞU - Ş25 K
		Answers are the same for
TORNADO - FUTURE RESIDENTS/PROPERTY: Please complete the	Other strategies and/or comments:	future as they were for currer
WILDFIRE - CLIRRENT RESIDENTS/PROPERTY: Please complete th	Develop wildhre and/or Wildland Urban Interface (WUI) codes or regulation prohibiting or limiting structures in known wildhre risk areas NFIP compliant?	N/A
	Ensure newly constructed government-owned facilities are code compliant for wildfire hazards and promote the use of	1977
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	enhanced wildfire mitigation practices NFIP compliant?	N/A
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildfire planning be incorporated into development and land use planning NFIP compliant?	Helps reduce risk Medium
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildfire planning be incorporated into development and land use planning Timeframe	2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildfire planning be incorporated into development and land use planning Pot. Funding Sources	County
WILDFIKE - CUKKENT KESIDENTS/PROPERTY: Please complete th	IMandate wildtire planning be incorporated into development and land use planning Kesponsiple Entity	County
WII DEIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildfire planning be incorporated into development and land use planning - Estimated Cost	\$25 K - \$50 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildfire planning be incorporated into development and land use planning Estimated Cost Develop a community wildfire preparedness plan NFIP compliant?	\$25 K - \$50 K Helps reduce risk
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildfire planning be incorporated into development and land use planning Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Prigrity	\$25 K - \$50 K Helps reduce risk Low
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildlire planning be incorporated into development and land use planning Estimated Cost Develop a community wildlire preparedness plan NFIP Compliant? Develop a community wildlire preparedness plan Friority Develop a community wildlire preparedness plan Timeframe Develop a community wildlire plan Timeframe Develop a community wild	S25 K - \$50 K Helps reduce risk Low 2025 County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildlire planning be incorporated into development and land use planning Estimated Cost Develop a community wildlire preparedness plan NFiorty Develop a community wildlire preparedness plan Priority Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Responsible Entity Develop a community wildlire preparedness plan Responsible Entity	\$25 K - \$50 K Helps reduce risk Low 2025 County County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildfire planning be incorporated into development and land use planning Estimated Cost Develop a community wildfire preparedness plan NFinft Develop a community wildfire preparedness plan Priority Develop a community wildfire preparedness plan Timeframe Develop a community wildfire preparedness plan Responsible Entity Develop a community wildfire preparedness plan Beinter Cost Develop a community wildfire preparedness plan Responsible Entity Develop a community wildfire preparedness plan Beinter Cost Develop a community wildfire preparedness plan Beinter Cost Develop a community wildfire preparedness plan Beinter Develop Accessed and A	\$25 K - \$50 K Helps reduce risk Low 2025 County County \$25 K - \$50 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP compliant? Develop a community wildlire preparedness plan Projetty Develop a community wildlire preparedness plan Reginated Cost Include considerations of wildlire hazarda in land use, public safety, and other processes NFIP compliant? Set quidelines for annexation and savice extensions in high-risk areas NFIP compliant?	\$25 K - \$50 K Helps reduce risk Low 2025 County County \$25 K - \$50 K N/A Helps reduce risk
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFirl P Compliant? Develop a community wildlire preparedness plan Priority Develop a community wildlire preparedness plan Priority Develop a community wildlire preparedness plan Pot funding Sources Develop a community wildlire preparedness plan Ret Funding Sources Develop a community wildlire preparedness plan Ret Funding Sources Develop a community wildlire preparedness plan Ret Funding Sources Develop a community wildlire preparedness plan Ret Funding Sources Develop a community wildlire preparedness plan Ret Funding Cources Develop a community wildlire preparedness plan Ret Funding Cources Develop a community wildlire preparedness plan Ret Funding Cources Develop a community wildlire preparedness plan Ret Funding Cource Sources of the Cost Include considerations of wildlire hazards in land use, public safety, and other processes NFIP complant? Set guidelines for annexation and service extensions in high-risk areas NFIP complant? Set guidelines for annexation and service extensions in high-risk areas NFIP	\$25 K \$50 K Helps reduce risk Low 2025 County County 252 K \$50 K N/A Helps reduce risk Low
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildlire planning be incorporated into development and land use planning Estimated Cost Develop a community wildlire preparedness plan NFiP Compliant? Develop a community wildlire preparedness plan Brionty Develop a community wildlire preparedness plan Tending Sources Develop a community wildlire preparedness plan Tending Sources Develop a community wildlire preparedness plan Responsible Entity Develop a community wildlire preparedness plan Responsible Entity Develop a community wildlire preparedness plan Responsible Entity Develop a community wildlire hazards in land use, public safety, and other processes NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas NFIP Set guidelines for annexation and service extensions in high-risk areas Trineframe Develop a community	S25 K - S50 K Helps reduce risk Low 2025 County County S25 K - S50 K N/A Helps reduce risk Low 2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildfire planning be incorporated into development and land use planning Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Prointy Develop a community wildfire preparedness plan Responsible Entry Develop a community wildfire preparedness plan Responsible Entry Develop a community wildfire preparedness plan Estimated Cost Include considerations of wildfire hazards in land use, public safety, and other processes NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Priofty Set guidelines for annexation and service extensions in high-risk areas Pot. Funding Sources Set oudelines for annexation and service extensions in high-risk areas Pot. Funding Sources Set oudelines for annexation and service extensions in high-risk areas Pot. Funding Sources Set oudelines for annexation and service extensions in high-risk areas Pot. Funding Sources Set oudelines for annexation and service extensions in high-risk areas Pot. Funding Sources	\$25 K \$50 K Helps reduce risk Low 2025 County County County S25 K \$50 K N/A Helps reduce risk Low 2025 Gounty County County County County County 2025 County County County County County
WILDFIRE - CURRENT RESIDENTS/PROPERTY- Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY- Please complete th	Nandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP compliant? Develop a community wildlire preparedness plan Priority Develop a community wildlire preparedness plan Interfame Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Ref. Ref. Ref. Ref. Ref. Ref. Ref.	225 K - 550 K Help-reduce risk Cow 2025 County County County 232 K - 550 K N/A Helps reduce risk Cow 2025 County County County County County County County County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP Compliant? Develop a community wildlire preparedness plan Priority Develop a community wildlire preparedness plan Protective Develop a community wildlire preparedness plan Protective Develop a community wildlire preparedness plan Pote fully Develop a community wildlire preparedness plan Pote funding Sources Develop a community wildlire preparedness plan Estimated Cost Include considerations of wildlire hazards in land use, public safety, and other processes NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Picr Jondy Set guidelines for annexation and service extensions in high-risk areas Funding Sources Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity S	525 K - 550 K Helps reduce risk Low 2025 County County County S25 K - 550 K N/A Helps reduce risk Low 2025 County County S25 C S0 K Helps reduce risk Low 2025 County County S25 K S50 K
WILDFIRE CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildlire planning be incorporated into development and land use planning Estimated Cost Develop a community wildlire preparedness plan Priority Develop a community wildlire preparedness plan Priority Develop a community wildlire preparedness plan Protection of the second s	\$25 K \$50 K Helps reduce risk Low 2025 County County S55 K S25 K \$50 K N/A Helps reduce risk Low County 2025 County 2025 County 2025 County 2025 County 525 K \$50 K Helps reduce risk Helps reduce risk
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Prointy Develop a community wildfire preparedness plan Prointy Develop a community wildfire preparedness plan Responsible Entity Set guidelines for annexation and service extensions in high-risk areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Portify Set guidelines for annexation and service extensions in high-risk areas Responsible Entity. Set guidelines for annexation and service extensions in high-risk areas Responsible Entity. Set guidelines for annexation and service extensions in high-risk areas Estimated Cost Use zoning and/or a special wildfire eventity distric to designate high-risk areas and specify the conditions for the use and development of specific areas NFIP complian? Use zoning and/or a special wildfire eventary distric to designate high-risk areas and specify the conditions for the use and development of specific areas NFIP Use zoning and/or a special wildfire eventary distric to designate high-risk areas and specify the conditions for the use and development of specif	S25 K S50 K Helps reduce risk Low 2025 County 2025 K S50 K N/A Helps reduce risk Low Z025 County S25 K S25 K S50 K N/A Helps reduce risk Low Z025 County S25 K S25 K S50 K Helps reduce risk Low Low Low
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP compliant? Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set	S25 K - S50 K Helps reduce risk Low 2025 County County S25 K - S50 K N/A Helps reduce risk Eow 2025 County S25 K - S50 K Helps reduce risk Eow 2025 S25 K - S50 K Helps reduce risk Low 2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP Compliant? Develop a community wildlire preparedness plan Procity Develop a community wildlire preparedness plan Protity Develop a community wildlire preparedness plan Protity Develop a community wildlire preparedness plan Ref Funding Sources Develop a community wildlire preparedness plan Protity Develop a community wildlire preparedness plan Protity Develop a community wildlire preparedness plan Ref Funding Sources Develop a community wildlire preparedness plan Ref Funding Sources Set guidelines for annexation and service extensions in high-risk areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Fireform Set guidelines for annexation and service extensions in high-risk areas Fireform Set guidelines for annexation and service extensions in high-risk areas Fireform Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines are annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildlife overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Fireform Use zoning and/or a special wildlife overlay district to designate high-risk areas and specify t	\$25 K - \$50 K Helps reduce risk Low 2025 County 525 K - \$50 K N/A Helps reduce risk Low 2025 County 525 K - \$50 K N/A Helps reduce risk Low 2025 S25 K - \$50 K Helps reduce risk Low 2025 Low 2025
WILDFIRE CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildfire planning be incorporated into development and land use planning Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Proitty Develop a community wildfire preparedness plan Proitty Develop a community wildfire preparedness plan Regense plan R	S25 K S50 K Helps reduce risk Low Low 2025 County S25 K County S25 K S25 K S50 K N/A Helps reduce risk Low 2025 County S25 K Gounty S25 K Gounty S25 K S25 K S50 K Helps reduce risk Low 2025 County County County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Timeframe Set guidelines for annexation and service extensions in high-risk areas Priortity Set guidelines for annexation and service extensions in high-risk areas Priorty Set guidelines for annexation and service extensions in high-risk areas Pol. Funding Sources Set guidelines for annexation and service extensions in high-risk areas Pole Sumplant? Use zoning and/or a special wildfire evertily distric to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildfire everlay distric to designate high-risk areas and specify the conditions for the use and development of specific areas Priorty Use zoning and/or a special wildfire everlay distric to designate high-risk areas and specify the conditions for the use and development of specific areas Priorty Use zoning and/or a special wildfire everlay distric to designate high-risk areas and specify the conditions for the use and development of specific areas Priorty Use zoning and/or a spe	25 K \$50 K Helps reduce risk Low 2025 County 2025 No. N/A Helps reduce risk Low 2025 County S25 K - \$50 K 3225 S - \$50 K S25 K - \$50 K Helps reduce risk Low 2025 County S25 K - \$50 K Low 2025 County County 2025 County County 2025 County County 2025 County County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP complant? Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Develop a community wildlire preparedness plan Ref. Tunding Sources Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Timeframe Set guidelines for annexation and service extensions in high-risk areas Tringtame Set guidelines for annexation and service extensions in high-risk areas Timeframe Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildlire overfay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildlire overfay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildlire overfay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildlire overfay dis	325 K \$50 K Helps reduce risk Low 2025 County County S25 K 525 K \$50 K N/A Helps reduce risk Eow 2025 County S25 K 525 K \$50 K Helps reduce risk Eow 2025 County 2025 County 2025 County County County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Mandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP Compliant? Develop a community wildlire preparedness plan Prointy Develop a community wildlire preparedness plan Responsible Entity Develop a community wildlire preparedness plan Responsible Entity Develop a community wildlire preparedness plan Responsible Entity Develop a community wildlire preparedness plan Responsible Entity Set guidelines for annexation and service extensions in high-risk areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Triefframe Set guidelines for annexation and service extensions in high-risk areas Triefframe Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas NEIP compliant? Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Timoframe Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Prointy Sources Develop a specific areas Prointy district to designate high-risk areas and specify the conditions for the us	\$25 K - \$50 K Helps reduce risk Low 2025 County S25 K - \$50 K N/A Helps reduce risk Low 2025 County 525 K - \$50 K MA Helps reduce risk Low 2025 County 2025 County County County S25 K - \$50 K Low 2025 County County S25 K - \$50 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Prointy Develop a community wildfire preparedness plan Prointy Develop a community wildfire preparedness plan Responsible Entity Set guidelines for annexation and service extensions in high-risk areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Poloty Set guidelines for annexation and service extensions in high-risk areas Rourding Sources Set guidelines for annexation and service extensions in high-risk areas Poloty Set guidelines for annexation and service extensions in high-risk areas Responsible Entity. Set guidelines for annexation and service extensions in high-risk areas Rourding Sources Set guidelines for annexation and service extensions in high-risk areas and specify the conditions for the use and development of specific areas NFIP compliant? Use zoning and/or a special wildfire overstly district to designate high-risk areas and specify the conditions for the use and development of specific areas Pointy Use zoning and/or a special wildfire overstly district to designate high-risk areas and specify the conditions for the use and development of specific areas Pointy Use zoning and/or a special wildfire overstly district to designate high-risk areas and specify the conditions for	252 5 \$50 K Helps reduce risk Low 2025 County County S25 K - 550 K N/A Helps reduce risk Low S25 K - 550 K Melps reduce risk County S25 K - 550 K Helps reduce risk Low S25 K - 550 K 2025 County County County S25 K - 550 K Helps reduce risk Low S25 S County County S25 K - 550 K Helps reduce risk Medium Medium
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildlife planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlife preparedness plan NFIP compliant? Develop a community wildlife preparedness plan Treinty Develop a community wildlife preparedness plan Treinty Develop a community wildlife preparedness plan Treinty Develop a community wildlife preparedness plan Ref. Funding Sources Develop a community wildlife preparedness plan Ref. Funding Sources Develop a community wildlife preparedness plan Befinated Cost Include considerations of wildlife hazards in land use, public safety, and other processes NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Prof. Set guidelines for annexation and service extensions in high-risk areas Prof. Set guidelines for annexation and service extensions in high-risk areas Pot. Set guidelines for annexation and service extensions in high-risk areas Pot. Set guidelines for annexation and service extensions in high-risk areas Pot. Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildlife overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Northy Use zoning and/or a special wildlife overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Responsible Entity Use zoning and/or a special wildlife overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Responsible Entity Use zoning and/or a special wildlife overlay district to designate high-risk areas and specify the con	225 K \$50 K Helps reduce risk Low 2025 County 2025 NOV N/A Helps reduce risk Boy Egy enduce risk Boy Down ty S25 K S25 K \$50 K Helps reduce risk Boy Down ty S25 K S25 K \$50 K Helps reduce risk Boy Low 2025 County County County County County S25 K County S25 K County S25 K County County County S25 K County S25 K County County County S25 K S25 K S25 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP complant? Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Ref. Funding Sources Develop a community wildlire preparedness plan Ref. Funding Sources Develop a community wildlire preparedness plan Ref. Funding Sources Develop a community wildlire preparedness plan Befinated Cost Include considerations of wildlire hazarda in land use, public safety, and other processes NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Funding Sources Set guidelines for annexation and service extensions in high-risk areas Funding Sources Set guidelines for annexation and service extensions in high-risk areas Funding Sources Set guidelines for annexation and service extensions in high-risk areas Funding Sources Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Set zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Address density and quantity of development, as well emergency access, landscaping and water supply NFIP	325 K \$50 K Helps reduce risk Low 2025 County County S25 K 325 K \$50 K N/A Helps reduce risk Down 2025 County S25 K 2025 County 2025 S0 K Helps reduce risk Medium 2025 County S25 K S50 K Helps reduce risk Medium 2025 County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRE	Nandate wildfire planning be incorporated into development and land use planning Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Pronty Develop a community wildfire preparedness plan Rentary Develop a community wildfire preparedness plan Responsible Entity Develop a community wildfire preparedness plan Responsible Entity Set guidelines for annexation and service extensions in high-risk areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Prioff Set guidelines for annexation and service extensions in high-risk areas Responsible Entity. Set guidelines for annexation and service extensions in high-risk areas Responsible Entity. Set guidelines for annexation and service extensions in high-risk areas Set Set Guidelines for the use and development of specific areas NEIP compliant? Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Timeframe Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority district to designate high-risk areas and specify the conditions for the use and development of specific areas Responsible Entity Use zoning and/or a special w	25 K \$50 K Helps reduce risk Low 2025 County 2021 County 2025 S50 K N/A Helps reduce risk Low 2025 County 2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRE	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Tindframe Develop a community wildfire preparedness plan Tending Sources Develop a community wildfire preparedness plan Tending Sources Develop a community wildfire preparedness plan Tending Sources Set guidelines for annexation and service extensions in high-risk areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Priofty Set guidelines for annexation and service extensions in high-risk areas Priofty Set guidelines for annexation and service extensions in high-risk areas Priofty Set guidelines for annexation and service extensions in high-risk areas Priofty Set guidelines for annexation and service extensions in high-risk areas Priofty Set guidelines for annexation and service extensions in high-risk areas Priofty Set guidelines for annexation and service extensions in high-risk areas Priofty Set guidelines for annexation and service extensions in high-risk areas Setupated line (Development of specific areas NFIP compliant? Use zoning and/or a special wildfire overlay distric to designate high-risk areas and specify the conditions for the use and development of specific areas Nerh y UIB Sources Use zoning and/or a special wildfire overlay distric to designate high-risk areas and specify the conditions for the use and development of specific areas Nerh y UIB Sources Use zoning and/or a special wildfire overlay distric to designate high-risk areas and specify the conditions for the use and development of specific areas N	252 K \$50 K Helps reduce risk Low 2025 County 2025 N S50 K Valapping S25 K 2025 N S25 K 2025 County S262 S 2021 V S25 K 2025 County S25 K 2025 County S25 K 2025 County S25 K County S25 K County County S25 K S50 K Helps reduce risk Medium 2025 County County S25 K S25 K S50 K S25 S S50 K S25 S S50 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Timeframe Develop a community wildfire preparedness plan Timeframe Develop a community wildfire preparedness plan Ref. Funding Sources Develop a community wildfire preparedness plan Ref. Funding Sources Develop a community wildfire preparedness plan Befinated Cost Include considerations of wildfire hazards in land use, public safety, and other processes NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Pot. Funding Sources Set guidelines for annexation and service extensions in high-risk areas Pot. Funding Sources Set guidelines for annexation and service extensions in high-risk areas Pot. Funding Sources Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas NFIP compliant? Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Net, Funding Sources Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Responsible Entity Use zoning and/or a special wildfire overlay district to designate high-risk areas and spec	225 K \$50 K Helps reduce risk Low 2025 County 2025 N S50 K Velops reduce risk Dow 2025 County 2025 S50 K Velops reduce risk Dow 2025 County County County <
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan Nripr (2000) Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Ref. Funding Sources Develop a community wildlire preparedness plan Ref. Funding Sources Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Funding Sources Set guidelines for annexation and service extensions in high-risk areas Funding Set guidelines for annexation and service extensions in high-risk areas Funding Sources Set guidelines for annexation and service extensions in high-risk areas Funding Sources Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Address density and quantity of development, as well emergency access, landscaping and water supply NFIP compliant? Address	225 K- SSO K Helps reduce risk Cow 2025 County County 235 K- SSO K N/A Helps reduce risk Cow County 235 K- SSO K N/A Helps reduce risk County 235 K- SSO K Helps reduce risk County 2025 County S25 K- S50 K Helps reduce risk Medium 2025 County County County County County County County County County County <td< td=""></td<>
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Prointy Develop a community wildfire preparedness plan Prointy Develop a community wildfire preparedness plan Responsible Entity Set guidelines for annexation and service extensions in high-risk areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Prointy Set guidelines for annexation and service extensions in high-risk areas Pointy Set guidelines for annexation and service extensions in high-risk areas Pointy Set guidelines for annexation and service extensions in high-risk areas Pointy Set guidelines for annexation and service extensions in high-risk areas Pointy Use zoning and/or a special wildfire overshy district to designate high-risk areas and specify the conditions for the use and development of specific areas NFIP compliant? Use zoning and/or a special wildfire overshy district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildfire overshy district to designate high-risk areas and specify the conditions for the use and development of specific areas Pointy Use zoning and/or a special wildfire overshy district to designate high-risk areas and specify the conditions for the use and development of specific areas Pointy Use zoning and/or a special wildfire overshy district to designate high-risk areas and specify the conditio	525 K 550 K Helps reducer risk Cow Cow 2025 County County County SZ K SZ K SS K SZ K SS K County SZ K County SZ K County SZ K County SZ K SZ K SS K County SZ K SZ K SS K SZ K SS K County SZ K SZ K SS K County SZ K SZ K SS K Helps reduce risk Helps reduce risk Low Helps reduce risk
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRE	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Timeframe Develop a community wildfire preparedness plan Befinated Cost Include considerations of wildfire hazards in land use, public safety, and other processes NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildfire overlay distric to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildfire overlay distric to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildfire overlay distric to designate high-risk areas and specify the conditions for the use and development of specific areas Prof. Funding Sources Use zoning and/or a special wildfire overlay distric to designate high-risk areas and specify the conditions for the u	225 K \$50 K Helps reduce risk Low 2025 County 2025 N County 2025 N S50 K N/A Helps reduce risk Low 2025 County S25 K S25 K S50 K Helps reduce risk Low 2025 County 2025 County 2025 County County S25 K S25 K S50 K Helps reduce risk Medium 2025 County County S25 S Low 2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP compliant? Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Ref. Funding Sources Develop a community wildlire hazards in land use, public safety, and other processes NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Port Funding Sources Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Port Funding Sources Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditi	255 K 550 K Helps reduce risk 1 Cow 2025 County 252 K County 252 K 2025 2000 County 252 K 2025 20000 2025 20000 2025 20000 2025 20000 2025 20000 County 2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRE	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Proitty Develop a community wildfire preparedness plan Regensite Entry Set guidelines for annexation and service extensions in high-risk areas Prioffire Set guidelines for annexation and service extensions in high-risk areas Prioffire Set guidelines for annexation and service extensions in high-risk areas Regnosible Entry. Set guidelines for annexation and service extensions in high-risk areas Estimated Cost Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas NEIP compliant? Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priorty Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priorty Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priorty Address density and quantity of development, as well emergency access,	252 5 \$50 K Helps reduce risk Low 2025 County 2021 County 2025 S50 K N/A Helps reduce risk Low 2025 County 2025 Low 2025 County 2025 County 2025 County 2025 County 2025 County 2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRE	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Timeframe Develop a community wildfire preparedness plan Ref. Funding Sources Develop a community wildfire preparedness plan Ref. Funding Sources Set guidelines for annexation and service extensions in high-risk areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Priority Set guidelines for annexation and service extensions in high-risk areas Reported the conditions for the use and development of specific areas NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Estimated Cost Use zoning and/or a special wildire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas NFIP compliant? Use zoning and/or a special wildire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas NFIP compliant? Use zoning and/or a special wildire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas NFIP compliant? Address density and quantity of development, as well emergency access, landscaping and water supply NFIP compliant? Address density and quantity of development, as well emergency access, landscaping and water supply NFIP compliant?	25 K \$50 K Helps reduce risk Low 2025 County 2025 N S50 K Vala Helps reduce risk Low 2025 County S25 K S25 K S50 K N/A Helps reduce risk Low 2025 County S25 K S25 K S50 K Helps reduce risk Low 2025 County County S25 K S25 K S50 K Helps reduce risk Medium 2025 County County S25 K County S25 K County S25 K Low 2025 County S25 K Low 2025 County S25 K Low 2025 County County County County County County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th	Nandate wildfire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildfire preparedness plan NFIP compliant? Develop a community wildfire preparedness plan Timeframe Develop a community wildfire preparedness plan Timeframe Develop a community wildfire preparedness plan Ref. Funding Sources Develop a community wildfire preparedness plan Befinated Cost Include considerations of wildfire hazards in land use, public safety, and other processes NFIP compliant? Set guidelines for annexation and service extensions in high-risk areas Priorfly Set guidelines for annexation and service extensions in high-risk areas Priorfly Set guidelines for annexation and service extensions in high-risk areas Protectane Set guidelines for annexation and service extensions in high-risk areas Protectane Set guidelines for annexation and service extensions in high-risk areas Pot Ending Sources Set guidelines for annexation and service extensions in high-risk areas Pot Ending Sources Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildlife overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Priority Use zoning and/or a special wildlife overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Det. Funding Sources Indexation and/or a special wildlife overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Responsible Entity Use zoning and/or a special wildlife overlay district to designate high-risk areas and	225 K \$50 K Helps reduce risk Low 2025 County 2025 N County 2025 N S50 K Velas reduce risk Helps reduce risk Eow 2025 County 525 K 525 K 550 K Helps reduce risk Helps reduce risk Low 2025 County County 2025 County County County S25 K County County County County S25 K S50 K Helps reduce risk Medium 2025 County County S25 S County S25 S County S25 S Low 2025 County County 2025 County 2025 County County County County County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th WILDFIRE - CURRE	Naradae wildlire planning be incorporated into development and land use planning. Estimated Cost Develop a community wildlire preparedness plan NFIP compliant? Develop a community wildlire preparedness plan Timeframe Develop a community wildlire preparedness plan Ref (mulding Sources) Develop a community wildlire preparedness plan Ref (mulding Sources) Set guidelines for annexation and service extensions in high-risk areas PRIP compliant? Set guidelines for annexation and service extensions in high-risk areas PRIP compliant? Set guidelines for annexation and service extensions in high-risk areas PRIP compliant? Set guidelines for annexation and service extensions in high-risk areas PRIP compliant? Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Set guidelines for annexation and service extensions in high-risk areas Responsible Entity Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Port. Funding Sources Use zoning and/or a special wildlire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas Port. Funding Sources Use zoning and/or a special wildlire overlay district designate high-risk areas and specify the conditions for the use and development of specific areas Port. Funding Sources Use zoning and/or	325 K \$50 K Helps reduce risk Low 2025 County 2025 N N/A Helps reduce risk Eow 2025 County 2025 N S50 K N/A Helps reduce risk Eow 2025 County S25 K 255 K S50 K Helps reduce risk Eow 2025 County County S25 K 2025 County County S25 K S25 K S50 K Helps reduce risk Medium 2025 County County S25 K County S25 K County County 2025 County County County S25 K S50 K Helps reduce risk Low 2025 County County S25 K S25 K S50 K

Stansbury Park Improvement District Mitigation Strategies - 2021 Tooele County PDMP	
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Adopt and Enforce Building Codes and Development Standards Timeframe	2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Adopt and Enforce Building Codes and Development Standards Pot. Funding Sources	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Adopt and Enforce Building Codes and Development Standards Responsible Entity	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Adopt and Enforce Building Codes and Development Standards Estimated Cost	\$25 K - \$50 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Participate in Firewise Program NFIP compliant?	Helps reduce risk
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Participate in Firewise Program Priority	Low
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Participate in Firewise Program Timeframe	2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Participate in Firewise Program Pot. Funding Sources	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Participate in Firewise Program Responsible Entity	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Participate in Firewise Program Estimated Cost	\$25 K - \$50 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Educate Property Owners about Wildfire Mitigation Techniques (List specifics below in comments) NFIP compliant?	Helps reduce risk
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Educate Property Owners about Wildfire Mitigation Techniques (List specifics below in comments) Priority	Low
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Educate Property Owners about Wildfire Mitigation Techniques (List specifics below in comments) Timeframe	2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Educate Property Owners about Wildfire Mitigation Techniques (List specifics below in comments) Pot. Funding Sources	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Educate Property Owners about Wildfire Mitigation Techniques (List specifics below in comments) Responsible Entity	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Educate Property Owners about Wildfire Mitigation Techniques (List specifics below in comments) Estimated Cost	\$25 K - \$50 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Structural and defensible space requirements NFIP compliant?	Helps reduce risk
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Structural and defensible space requirements Priority	Low
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Structural and defensible space requirements Timeframe	2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Structural and defensible space requirements Pot. Funding Sources	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Structural and defensible space requirements Responsible Entity	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Structural and defensible space requirements Estimated Cost	\$25 K - \$50 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th/Mitigate Against Post-Wildfire Flooding via structural projects in drainage areas NFIP compliant?	Helps reduce risk
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th/Mitigate Against Post-Wildfire Flooding via structural projects in drainage areas Priority	Medium
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th/Mitigate Against Post-Wildfire Flooding via structural projects in drainage areas Timeframe	2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th/Mitigate Against Post-Wildfire Flooding via structural projects in drainage areas Pot. Funding Sources	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Mitigate Against Post-Wildfire Flooding via structural projects in drainage areas Responsible Entity	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Mitigate Against Post-Wildfire Flooding via structural projects in drainage areas Estimated Cost	\$25 K - \$50 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Implement a Fuels Management Program NFIP compliant?	Helps reduce risk
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Implement a Fuels Management Program Priority	Low
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Implement a Fuels Management Program Timeframe	2025
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Implement a Fuels Management Program Pot. Funding Sources	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Implement a Fuels Management Program Responsible Entity	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY: Please complete th Implement a Fuels Management Program Estimated Cost	\$25 K - \$50 K
	Answers are the same for the
	future as was submitted for
WILDFIRE - FUTURE RESIDENTS/PROPERTY: Please complete the Other strategies and/or comments:	current wildfires