

December 2024
Amended FEMA Review Draft

2024 NEVADA COUNTY HAZARD MITIGATION PLAN

Volume II—Jurisdictional Annexes





**NEVADA
COUNTY**
CALIFORNIA

Office of Emergency
Services

2024 Nevada County Hazard Mitigation Plan

Volume II—Jurisdictional Annexes

Amended FEMA Review Draft

December 2024

#105s039542

PREPARED FOR

Nevada County Office of Emergency Services

950 Maidu Avenue, Suite 130
Nevada City, California 95959

PREPARED BY

Tetra Tech

1999 Harrison St., Ste. 500 510-302-6300
Oakland, CA 94612 tetrattech.com



TETRA TECH

Table of Contents

- 1. INTRODUCTION..... 1-1
 - 1.1 Background 1-1
 - 1.2 Planning Partner Involvement 1-1
 - 1.3 Jurisdictional Annex Preparation Process..... 1-2
 - 1.4 Jurisdictional Annex Format 1-3
 - 1.5 Coverage Under the Plan..... 1-5
- 2. NEVADA COUNTY ANNEX 2-1
 - 2.1 Hazard Mitigation Planning Team 2-1
 - 2.2 Community Profile 2-2
 - 2.3 Jurisdictional Capability Assessment and Integration 2-3
 - 2.4 National Flood Insurance Program Compliance 2-14
 - 2.5 Growth/Development Trends 2-17
 - 2.6 Jurisdictional Risk Assessment..... 2-18
 - 2.7 Mitigation Strategy and Prioritization..... 2-27
- 3. CITY OF GRASS VALLEY ANNEX 3-1
 - 3.1 Hazard Mitigation Planning Team 3-1
 - 3.2 Community Profile 3-2
 - 3.3 Jurisdictional Capability Assessment and Integration 3-2
 - 3.4 National Flood Insurance Program Compliance 3-15
 - 3.5 Growth/Development Trends 3-17
 - 3.6 Jurisdictional Risk Assessment..... 3-19
 - 3.7 Mitigation Strategy and Prioritization..... 3-28
- 4. CITY OF NEVADA CITY ANNEX 4-1
 - 4.1 Hazard Mitigation Planning Team 4-1
 - 4.2 Community Profile 4-2
 - 4.3 Jurisdictional Capability Assessment and Integration 4-3
 - 4.4 National Flood Insurance Program Compliance 4-13
 - 4.5 Growth/Development Trends 4-15
 - 4.6 Jurisdictional Risk Assessment..... 4-17
 - 4.7 Mitigation Strategy and Prioritization..... 4-29
- 5. TOWN OF TRUCKEE ANNEX..... 5-1
 - 5.1 Hazard Mitigation Planning Team 5-1
 - 5.2 Community Profile 5-2
 - 5.3 Jurisdictional Capability Assessment and Integration 5-3
 - 5.4 National Flood Insurance Program Compliance 5-13
 - 5.5 Growth/Development Trends 5-15
 - 5.6 Jurisdictional Risk Assessment..... 5-20
 - 5.7 Mitigation Strategy and Prioritization..... 5-33
- 6. NEVADA IRRIGATION DISTRICT ANNEX..... 6-1
 - 6.1 Hazard Mitigation Planning Team 6-1

6.2 Community Profile 6-2

6.3 Jurisdictional Capability Assessment and Integration 6-3

6.4 Growth/Development Trends 6-13

6.5 Jurisdictional Risk Assessment 6-14

6.6 Mitigation Strategy and Prioritization 6-24

7. TRUCKEE DONNER PUBLIC UTILITIES DISTRICT ANNEX 7-1

 7.1 Hazard Mitigation Planning Team 7-1

 7.2 Community Profile 7-2

 7.3 Jurisdictional Capability Assessment and Integration 7-2

 7.4 Growth/Development Trends 7-11

 7.5 Jurisdictional Risk Assessment 7-11

 7.6 Mitigation Strategy and Prioritization 7-19

8. WASHINGTON COUNTY WATER DISTRICT 8-1

 8.1 Hazard Mitigation Planning Team 8-1

 8.2 Community Profile 8-2

 8.3 Jurisdictional Capability Assessment and Integration 8-2

 8.4 Growth/Development Trends 8-9

 8.5 Jurisdictional Risk Assessment 8-9

 8.6 Mitigation Strategy and Prioritization 8-17

9. NEVADA COUNTY CONSOLIDATED FIRE DISTRICT 9-1

 9.1 Hazard Mitigation Planning Team 9-1

 9.2 Community Profile 9-2

 9.3 Jurisdictional Capability Assessment and Integration 9-2

 9.4 Growth/Development Trends 9-10

 9.5 Jurisdictional Risk Assessment 9-11

 9.6 Mitigation Strategy and Prioritization 9-16

REFERENCES 1

List of Tables

Table 1-1. Jurisdictional Status 1-6

Table 2-1. Hazard Mitigation Planning Team 2-2

Table 2-2. Planning and Regulatory Capability 2-4

Table 2-3. Development and Permitting Capability 2-9

Table 2-4. Administrative and Technical Capabilities 2-10

Table 2-5. Fiscal Capabilities 2-12

Table 2-6. Education and Outreach Capabilities 2-12

Table 2-7. Community Classifications 2-13

Table 2-8. Adaptive Capacity 2-14

Table 2-9. Nevada County NFIP Summary of Policy and Claim Statistics 2-15

Table 2-10. NFIP Summary 2-15

Table 2-11. Number of Building Permits for New Construction Issued Since the Previous HMP 2-17

Table 2-12. Recent Major Development and Infrastructure from 2017 to Present 2-18

Table 2-13. Known or Anticipated Major Development and Infrastructure in the Next Five Years 2-18

Table 2-14. High Hazard Dams Located in Nevada County 2-22

Table 2-15. Hazard Event History in Nevada County 2-23

Table 2-16. Hazard Ranking 2-24

Table 2-17. Status of Previous Mitigation Actions 2-28

Table 2-18. Analysis of Mitigation Actions by Hazard and Category 2-39

Table 2-19. Summary of Prioritization of Actions 2-41

Table 3-1. Hazard Mitigation Planning Team 3-2

Table 3-2. Planning and Regulatory Capability 3-4

Table 3-3. Development and Permitting Capability 3-10

Table 3-4. Administrative and Technical Capabilities 3-10

Table 3-5. Fiscal Capabilities 3-13

Table 3-6. Education and Outreach Capabilities 3-13

Table 3-7. Community Classifications 3-14

Table 3-8. Adaptive Capacity 3-14

Table 3-9. Grass Valley NFIP Summary of Policy and Claim Statistics 3-15

Table 3-10. NFIP Summary 3-15

Table 3-11. Number of Building Permits for New Construction Issued Since the Previous HMP 3-17

Table 3-12. Recent Major Development and Infrastructure from 2017 to Present 3-18

Table 3-13. Known or Anticipated Major Development and Infrastructure in the Next Five Years 3-18

Table 3-14. Hazard Event History in Grass Valley 3-22

Table 3-15. Hazard Ranking 3-23

Table 3-16. Hazard Issues 3-27

Table 3-17. Status of Previous Mitigation Actions 3-28

Table 3-18. Analysis of Mitigation Actions by Hazard and Category 3-31

Table 3-19. Summary of Prioritization of Actions 3-33

Table 4-1. Hazard Mitigation Planning Team 4-2

Table 4-2. Planning and Regulatory Capability and Integration 4-4

Table 4-3. Development and Permitting Capability 4-8

Table 4-4. Administrative and Technical Capabilities 4-9

Table 4-5. Fiscal Capabilities 4-11

Table 4-6. Education and Outreach Capabilities 4-11

Table 4-7. Community Classifications 4-12

Table 4-8. Adaptive Capacity 4-13

Table 4-9. Nevada City NFIP Summary of Policy and Claim Statistics 4-13

Table 4-10. NFIP Summary 4-14

Table 4-11. Number of Building Permits for New Construction Issued Since the Previous HMP 4-16

Table 4-12. Recent Major Development and Infrastructure from 2017 to Present 4-16

Table 4-13. Known or Anticipated Major Development and Infrastructure in the Next Five Years 4-17

Table 4-14. Hazard Event History in Nevada City 4-20

Table 4-15. Hazard Ranking 4-22

Table 4-16. Hazard Issues 4-27

Table 4-17. Status of Previous Mitigation Actions 4-30

Table 4-18. Analysis of Mitigation Actions by Hazard and Category 4-35

Table 4-19. Summary of Prioritization of Actions 4-36

Table 5-1. Hazard Mitigation Planning Team 5-2

Table 5-2. Planning and Regulatory Capability 5-4

Table 5-3. Development and Permitting Capability 5-8

Table 5-4. Administrative and Technical Capabilities..... 5-9

Table 5-5. Fiscal Capabilities 5-10

Table 5-6. Education and Outreach Capabilities 5-11

Table 5-7. Community Classifications 5-12

Table 5-8. Adaptive Capacity 5-12

Table 5-9. Truckee NFIP Summary of Policy and Claim Statistics 5-13

Table 5-10. NFIP Summary 5-13

Table 5-11. Number of Building Permits for New Construction Issued Since the Previous HMP 5-15

Table 5-12. Recent Major Development and Infrastructure from 2017 to Present 5-16

Table 5-13. Known or Anticipated Major Development and Infrastructure in the Next Five Years 5-18

Table 5-14. Hazard Event History in Truckee 5-23

Table 5-15. Hazard Ranking 5-25

Table 5-16. Hazard Issues 5-30

Table 5-17. Status of Previous Mitigation Actions 5-33

Table 5-18. Analysis of Mitigation Actions by Hazard and Category 5-40

Table 5-19. Summary of Prioritization of Actions 5-41

Table 6-1. Hazard Mitigation Planning Team 6-2

Table 6-2. Planning and Regulatory Capability 6-4

Table 6-3. Development and Permitting Capability 6-8

Table 6-4. Administrative and Technical Capabilities..... 6-9

Table 6-5. Fiscal Capabilities 6-11

Table 6-6. Education and Outreach Capabilities 6-11

Table 6-7. Community Classifications 6-12

Table 6-8. Adaptive Capacity 6-12

Table 6-9. Recent Major Development and Infrastructure from 2017 to Present 6-13

Table 6-10. Known or Anticipated Major Development and Infrastructure in the Next Five Years 6-13

Table 6-11. Hazard Event History in NID 6-14

Table 6-12. Hazard Ranking 6-16

Table 6-13. Hazard Issues 6-22

Table 6-14. Status of Previous Mitigation Actions 6-25

Table 6-15. Analysis of Mitigation Actions by Hazard and Category 6-29

Table 6-16. Summary of Prioritization of Actions 6-30

Table 7-1. Hazard Mitigation Planning Team 7-2

Table 7-2. Planning and Regulatory Capability and Integration 7-3

Table 7-3. Development and Permitting Capability 7-6

Table 7-4. Administrative and Technical Capabilities..... 7-6

Table 7-5. Fiscal Capabilities 7-8

Table 7-6. Education and Outreach Capabilities 7-9

Table 7-7. Community Classifications 7-10

Table 7-8. Adaptive Capacity 7-10

Table 7-9. Recent Major Development and Infrastructure from 2017 to Present 7-11

Table 7-10. Known or Anticipated Major Development and Infrastructure in the Next Five Years 7-11

Table 7-11. Hazard Event History in TDPUD 7-12

Table 7-12. Hazard Ranking 7-15

Table 7-13. Hazard Issues 7-18

Table 7-14. Status of Previous Mitigation Actions 7-20

Table 7-15. Analysis of Mitigation Actions by Hazard and Category 7-21

Table 7-16. Summary of Prioritization of Actions 7-23

Table 8-1. Hazard Mitigation Planning Team 8-2

Table 8-2. Planning and Regulatory Capability 8-4

Table 8-3. Development and Permitting Capability 8-5

Table 8-4. Administrative and Technical Capabilities 8-6

Table 8-5. Fiscal Capabilities 8-7

Table 8-6. Education and Outreach Capabilities 8-7

Table 8-7. Community Classifications 8-8

Table 8-8. Adaptive Capacity 8-8

Table 8-9. Recent Major Development and Infrastructure from 2017 to Present 8-9

Table 8-10. Known or Anticipated Major Development and Infrastructure in the Next Five Years 8-9

Table 8-11. Hazard Event History in WCWD 8-10

Table 8-12. Hazard Ranking 8-11

Table 8-13. Hazard Issues 8-16

Table 8-14. Status of Previous Mitigation Actions 8-17

Table 8-15. Analysis of Mitigation Actions by Hazard and Category 8-19

Table 8-16. Summary of Prioritization of Actions 8-20

Table 9-1. Hazard Mitigation Planning Team 9-2

Table 9-2. Planning and Regulatory Capability 9-4

Table 9-3. Development and Permitting Capability 9-6

Table 9-4. Administrative and Technical Capabilities 9-7

Table 9-5. Fiscal Capabilities 9-8

Table 9-6. Education and Outreach Capabilities 9-9

Table 9-7. Community Classifications 9-9

Table 9-8. Adaptive Capacity 9-10

Table 9-9. Recent Major Development and Infrastructure from 2017 to Present 9-10

Table 9-10. Known or Anticipated Major Development and Infrastructure in the Next Five Years 9-10

Table 9-11. Hazard Event History in NCCFD 9-12

Table 9-12. Hazard Ranking 9-13

Table 9-13. Analysis of Mitigation Actions by Hazard and Category 9-17

Table 9-14. Summary of Prioritization of Actions 9-18

List of Figures

Figure 2-1. Nevada County Hazard Area Extent and Location Map 1 2-20

Figure 2-2. Nevada County Hazard Area Extent and Location Map 2 2-21

Figure 3-1. Grass Valley Hazard Area Extent and Location Map 1 3-20
Figure 3-2. Grass Valley Hazard Area Extent and Location Map 2 3-21
Figure 4-1. Nevada City Hazard Area Extent and Location Map 1 4-18
Figure 4-2. Nevada City Hazard Area Extent and Location Map 2 4-19
Figure 5-1. Truckee Hazard Area Extent and Location Map 1 5-21
Figure 5-2. Truckee Hazard Area Extent and Location Map 2 5-22

Appendices

APPENDIX A: Participating Jurisdiction Letters of Intent

1. Introduction

1.1 Background

The Federal Emergency Management Agency (FEMA) encourages multi-jurisdictional planning for local hazard mitigation. Such planning efforts can generate a unified local voice on hazard mitigation, with cross-jurisdictional support for a hazard mitigation plan's recommended mitigation actions. They also help to form working relationships among participants' emergency managers, floodplain administrations, and other development agencies (FEMA 2021). Eligible participants for multi-jurisdiction hazard mitigation plans are local governments defined as follows in Title 44 of the Code of Federal Regulations, Part 201 (Mitigation Planning):

“Any county, municipality, city, town, township, public authority, school district, special district, intrastate district, council of governments (regardless of whether the council of governments is incorporated as a nonprofit corporation under State law), regional or interstate government entity, or agency or instrumentality of a local government; any Indian tribe or authorized tribal organization, or Alaska Native village or organization; and any rural community, unincorporated town or village, or other public entity.” (44 CFR Section 201.2)

In multi-jurisdictional hazard mitigation planning, every participating jurisdiction must meet the federal requirements for local mitigation planning. This means that each jurisdiction must actively participate in the planning process and must officially adopt the plan (44 CFR Section 201.6a(4)).

For the Nevada County Hazard Mitigation Plan (HMP), a Planning Partnership was formed to leverage resources and to meet the federal local mitigation planning requirements for as many eligible governments in the County as possible. Members of the Planning Partnership consisted of representatives from each participating jurisdiction. Nevada County was the lead agency for this planning effort and directed the planning process with assistance from a contract planning consultant (Tetra Tech). A Steering Committee with broad representation across the county provided guidance and direction for the HMP planning process. Each participating planning partner has prepared a jurisdictional annex to this plan.

This chapter describes the Nevada County HMP Planning Partnership, its responsibilities throughout the planning process, and the jurisdictional annexes developed as a result of the plan update efforts. The remaining chapters in this volume of the HMP present the annexes for each participating jurisdiction.

1.2 Planning Partner Involvement

1.2.1 Initial Solicitation and Letters of Intent

Nevada County solicited the participation of all eligible jurisdictions in the County at the commencement of this project. All jurisdictions interested signed a letter of intent and/or a resolution committing their participation and resources to the development of the Nevada County HMP (see Appendix A). The

following is a list of the jurisdictions that participated in the update process and have met the minimum requirements of participation as established by the County and the Steering Committee:

- Nevada County
- City of Grass Valley
- City of Nevada City
- Town of Truckee
- Nevada Irrigation District
- Truckee Donner Public Utilities District
- Washington County Water District
- Nevada County Consolidated Fire District

1.2.2 Planning Partner Expectations

The following list of planning partner expectations was agreed to in each letter of intent to participate:

- Review of existing Nevada County Multi-Jurisdictional Local Hazard Mitigation Plan
- Identification of local hazards, risk assessment, and vulnerability analysis
- Participation in the formulation of mitigation goals and actions
- Participation in community engagement and public outreach in the development of the HMP update
- Timely response to requests for information by the coordinating agency and consultants, and adherence to established deadlines
- Formal adoption of the HMP update by the Planning Partner jurisdiction's governing body
- Tracking and monthly submission of personnel hours spent on the hazard mitigation planning effort.

The **Planning Partnership** is responsible for developing and reviewing draft sections of the hazard mitigation plan, creating the mitigation strategy for their jurisdiction, and adopting the final plan. Members of the Planning Partnership have the expertise to develop the plan and have their jurisdiction's authority to implement the mitigation strategy developed during the planning process.

Under the plan implementation and maintenance protocol established in Volume I of the HMP, it is intended that the Planning Partnership will remain active to support maintenance of the HMP after the plan has been adopted. By adopting this plan, each planning partner agrees to the plan implementation and maintenance protocol. Given that individual commitments change over time, it will be the responsibility of each jurisdiction and its points of contact to inform the County's coordinator for this HMP of any changes in representation.

1.3 Jurisdictional Annex Preparation Process

Jurisdictional annexes provide a unique, stand-alone guide to mitigation planning for each jurisdiction participating in a multi-jurisdiction HMP. The Nevada County HMP is organized so that there is an annex for Nevada County and for every participating jurisdiction. Workshops and additional meetings (in person, by email, or by teleconference) to complete the jurisdictional annexes were held with the County, the contract consultant, and the Steering Committee throughout the planning process. Details regarding these meetings are described further in Volume I.

1.3.1 Incorporation of Information from Previous HMP

In order to facilitate the update of the jurisdictional annexes, data from the 2017 Nevada County HMP annexes was transferred to the most current annex format, which has evolved to meet changing federal and state criteria. Clear instructions were provided to the representatives of each planning partner. This transfer of information provided a basis to address the following:

- Changes in local capabilities and vulnerabilities
- The current status of the 2017 HMP mitigation strategy
- A new mitigation strategy to address identified issues and to increase community resiliency

1.3.2 Kickoff Meeting

The County invited all municipalities to participate in a planning partner kickoff meeting held on August 28, 2023, to provide an overview of the planning process, including meetings and worksheets that would be used to gather information for annex preparation. Key elements of the worksheets were discussed and subsequently completed by the appropriate jurisdictional personnel for each worksheet. The worksheets were collected, and the information was incorporated into each jurisdictional annex. In the event additional information was needed, the jurisdictional point of contact was contacted to provide more input into their annex.

1.3.3 Mitigation Strategy Workshop

A mitigation strategy workshop was held was conducted on November 15, 2023, for all participating jurisdictions to support the development of focused problem statements based on the impacts of natural hazards in the County and its communities. These problem statements are intended to provide a detailed description of the problem area, including its impacts on the municipality/jurisdiction, past damages, loss of service, etc. An effort was made to include the street address of the property/project location, adjacent streets, water bodies, and well-known structures as well as a brief description of existing conditions (topography, terrain, hydrology) of the site. These problem statements form a bridge between the risk assessment (which quantifies impacts to each community) and the capability assessment (which identifies the capabilities that reduce hazard risks and support hazard mitigation) with the development of actionable mitigation strategies. The County and the mitigation consultant team worked with each jurisdiction to identify clear, implementable mitigation actions as well as to further support the completion of the jurisdictional annexes.

1.4 Jurisdictional Annex Format

The jurisdictional annex format is designed to document local compliance with the 44 CFR local mitigation planning regulations. It also achieves the following:

- Providing a locally relevant synthesis of the overall mitigation plan that can be readily presented, distributed, and maintained
- Facilitating local understanding of the community's risk from natural hazards

- Facilitating local understanding of the community’s capabilities to manage natural hazard risk, including opportunities to improve those capabilities
- Facilitating local understanding of the efforts the community has taken, and plans to take, to reduce its natural hazard risk
- Facilitating the implementation of mitigation strategies, including the development of grant applications
- Providing a framework by which the community can continue to capture relevant data and information for future plan updates

The following are the elements of the jurisdictional annex.

- **Section X.1: Hazard Mitigation Planning Team:** Identifies the hazard mitigation planning primary and alternate contacts and floodplain administrator. Provides details on which departments were involved in the development of the jurisdictional annex. The widest range of departments, stakeholders, and persons familiar with the jurisdiction should be involved in the development of the jurisdictional annexes. Further detail on participants is provided in Volume I.
- **Section X.2: Community Profile:** Provides a profile of the jurisdiction, including population and socially vulnerably populations.
- **Section X.3: Jurisdictional Capability Assessment and Integration:** Provides an inventory and evaluation of the jurisdiction’s tools, mechanisms, and resources available to support hazard mitigation and natural hazard risk reduction. Tables provide an inventory of the jurisdiction’s planning, regulatory, administrative, technical, and fiscal capabilities, its level of participation in state and federal programs designed to promote and incentivize local risk reduction efforts, and its adaptive capacity to adjust to damage and respond to consequences.
- **Section X.4: National Flood Insurance Program (NFIP) Compliance:** Summarizes jurisdiction-specific information related to managing and regulating the regulatory floodplain, including current and future compliance with the NFIP.
- **Section X.5: Growth/Development Trends:** Summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development.
- **Section X.6: Jurisdictional Risk Assessment:** Provides information regarding each jurisdiction’s vulnerability to the identified hazards. Full data and information on the hazards of concern, the methodology used to develop the vulnerability assessments, and the results of those assessments that serve as the basis of these local hazard rankings may be found in Volume I.
 - **Jurisdiction-Specific Hazard Risks:** Determines which of the hazards assessed for the overall County in Volume I are hazards of concern for the participant, based on mapping of hazard areas, the history of events in the local jurisdiction, and local consideration and revision of the risk ranking presented in Volume I.
 - **Vulnerability and Potential Impacts for Hazards of Local Concern:** Assesses the local jurisdiction’s vulnerability to each hazard identified as a local hazard of concern and review potential impacts.

- **Identified Issues:** Specific local issues related to the local hazards of concern are identified for consideration of possible mitigation actions.
- **Section X.7: Mitigation Strategy and Prioritization:** Discusses and provides the status of past mitigation actions and status and describes proposed hazard mitigation actions and prioritization.
 - **Past Mitigation Action Status:** Where applicable, a review of progress on the jurisdiction's prior mitigation strategy is presented, identifying the disposition of each prior action in the jurisdiction's updated mitigation strategy. Other completed or ongoing mitigation activities that were not specifically part of a prior local mitigation strategy may be included in this subsection as well.
 - **Additional Mitigation Efforts:** Other completed or ongoing mitigation activities that were not specifically part of a prior local mitigation strategy may be included in this subsection as well.
 - **Proposed Hazard Mitigation Actions for the HMP Update:** Tables and action worksheets at the end of each annex present the jurisdiction's updated mitigation strategy, a summary of the local mitigation strategy prioritization and a summary of the action categories and hazards addressed.

Each jurisdiction's annex is a living document that will continue to be improved as resources permit. Continued efforts to maintain the annex will ensure that it remains current and will improve its effectiveness as the key tool, reference, and guiding document by which the jurisdiction will implement hazard mitigation locally.

1.5 Coverage Under the Plan

All of the original planning partners fully met the participation requirements specified by the Steering Committee and have annexes included in this volume. Table 1-1 lists the status of each jurisdiction. Note that participation in scheduled Planning Partnership meetings provides only a partial indication of the level of participation of each jurisdiction. Appendices in Volume I provide details on further participation and meeting attendance.

TABLE 1-1. JURISDICTIONAL STATUS

	Letter of Intent to Participate	Attended Workshops, Meetings, and Calls	Provided Update on Past Projects	Submitted Mitigation Actions for Current Plan	Seeking Approval for Adoption (meets all previous requirements)
Nevada County	N/A	X	X	X	X
Town of Truckee	X	X	X	X	X
City of Grass Valley	X	X	X	X	X
City of Nevada City	X	X	X	X	X
Nevada Irrigation District	X	X	X	X	X
Nevada County Consolidated Fire District	X	X	X	X	X
Truckee Donner Public Utility District	X	X	X	X	X
Washington Water District	X	X	X	X	X

5. Town of Truckee Annex

This section presents the jurisdictional annex for the Town of Truckee that provides resources and information to assist public and private sectors to reduce losses from future hazard events. This annex is not guidance of what to do when a disaster occurs. Rather, this annex concentrates on actions to reduce or eliminate damage to property and people that can be implemented prior to a disaster. Information presented includes a general overview of the Town of Truckee, who in the Town participated in the planning process, an assessment of Truckee’s risk and vulnerability, the different capabilities used in the Town, and an action plan that will be implemented to achieve a more resilient community.

This annex is part of a multi-jurisdictional HMP that was developed to meet plan participation requirements for all participating jurisdictions while accommodating their specific needs and limitations. Because many participating jurisdictions are rural agencies with limited staff, the planning process included establishing a Steering Committee and engaging a contract consultant to work with Nevada County in undertaking certain elements of the plan update on behalf of the jurisdictions. These elements included outreach to stakeholders and the public, risk assessment for all countywide hazards of concern, initial ranking of hazard risks, updates of hazard mitigation goals and objectives, and establishment of procedures for implementing and maintaining the HMP. This annex presents only the information specific to Town of Truckee as a participating jurisdiction. All other plan elements are included in Volume I and are referenced in this annex as appropriate.

5.1 Hazard Mitigation Planning Team

The Town of Truckee identified the hazard mitigation plan (HMP) primary and alternate points of contact and developed this plan over the course of several months with input from many Town departments, including Public Works, Community Development, and Police, where the Town’s Office of Emergency Services resides under. The Emergency Services Manager represented the community on the Nevada County Hazard Mitigation Plan Planning Partnership, Steering Committee, and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

Table 5-1 summarizes Town officials who participated in the development of the annex and in what capacity. Additional documentation of the Town’s planning activities through Planning Partnership meetings is included in Volume I.

TABLE 5-1. HAZARD MITIGATION PLANNING TEAM

Primary Point of Contact	Alternate Point of Contact
Name/Title: James Blattler, Emergency Services Manager Address: 10183 Truckee Airport Rd., Truckee, CA 96161 Phone Number: 530-582-7912 Email: RWomack@townoftruckee.gov	Name/Title: Danny Renfrow, Chief of Police Address: 10183 Truckee Airport Rd., Truckee, CA 96161 Phone Number: 530-550-2339 Email: drenfrow@townoftruckee.gov
National Flood Insurance Program Floodplain Administrator	
Name/Title: Denyelle Nishimori, Community Development Director Address: 10183 Truckee Airport Rd., Truckee, CA 96161 Phone Number: 530-582-2934 Email: dnishimori@townoftruckee.gov	
Contributions to the Annex	
Name/Title: Robert Womack, Emergency Services Manager Method of Participation: Provided information on previous hazard events and provided an update on capability assessment. Provided an update on the status of previous mitigation actions.	
Name/Title: Denyelle Nishimori, Community Development Director Method of Participation: Provided information on NFIP administration and flood risk. Provided an update on the status of previous mitigation actions. Provided data and information on new development.	
Name/Title: Becky Bucar, Assistant Town Engineer Method of Participation: Provided an update on the status of previous mitigation actions.	
Name/Title: James Blattler, Emergency Services Coordinator Method of Participation: Became town project manager and filled all project positions and responsibilities previously filled by Robert Womack in June 2024.	

5.2 Community Profile

The Town of Truckee, named after a Paiute Indian Chief, who guided thousands of emigrants on their westward journey, is well-known for its logging, ice harvesting, the Emigrant Trail, and the tragic journey of the Donner Party (Truckee Chamber of Commerce, n.d.). Truckee is located near the eastern end of Nevada County, along the County’s southern border. The Town is 40 miles west of Reno, Nevada and 12 miles north of Lake Tahoe. The Town was officially incorporated in 1993, and Downtown Truckee continues to preserve and restore its historic character. Truckee was officially listed on the National Register of Historic Places in 2010.

According to the U.S. Census, the 2020 population for the Town of Truckee was 16,729, a 0.3 percent increase from the 2010 Census. Data from the 2020 U.S. Census indicate that 6.7 percent of the population is 5 years of age or younger, 16.5 percent is 65 years of age or older, 3.6 percent is non-English speaking, 9 percent is below the poverty threshold, and 6.5 percent is considered disabled. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

5.3 Jurisdictional Capability Assessment and Integration

Truckee performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Volume I describes the components included in the capability assessment and their significance for hazard mitigation planning. The jurisdictional assessment for this annex includes analyses of the following:

- Planning and regulatory capabilities
- Development and permitting capabilities
- Administrative and technical capabilities
- Fiscal capabilities
- Education and outreach capabilities
- Classification under various community mitigation programs
- Adaptive capacity to withstand hazard events

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into day-to-day local government operations. As part of the hazard mitigation analysis, planning and /policy documents were reviewed and each jurisdiction was surveyed to obtain a better understanding of their progress toward plan integration. Development of an updated mitigation strategy provided an opportunity for Truckee to identify opportunities for integrating mitigation concepts into ongoing Town procedures.

5.3.1 Planning and Regulatory Capability

Table 5-2 summarizes the planning and regulatory tools that are available to Truckee. The table outlines the various planning documents, codes, and regulations to be reviewed and considered for update based upon any new data or information learned during the HM Update process.

5.3.2 Integration

Table 5-2 describes how some local planning mechanisms have been integrated into this HMP and how information from this HMP can be integrated into these mechanisms when they are updated in the future. Procedures for this future integration are outlined in Section 21.2.2 of Volume I of this HMP. Specific mechanisms to be reviewed for potential incorporation of HMP principles and findings are as follows:

- Using HMP hazard assessment data and action item information for potential emergency plans and annex updates and/or emergency response plans
- Incorporating hazard information, such as floodplain data, to potentially review and update zoning, planning, and building codes
- Utilizing hazard analyses for future plan communities or neighborhood development or town annexation or areas for redevelopment
- Updating capital improvement or strategic plans based on listed mitigation action items

TABLE 5-2. PLANNING AND REGULATORY CAPABILITY

	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
CODES, ORDINANCES, & REGULATIONS				
Building Code	Yes	2022 California Building Standards Code	State	Building Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Building codes protect from a wide range of hazards. They set common, minimum design and construction requirements across communities.				
Zoning/Land Use Code	Yes	As of 10/12/2023 – Title 18 Development Code (Municipal Code)	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> EIR, CEQA, and Safety Element is used to review zoning and permits. The zoning ordinance does not discourage development or redevelopment within natural areas but does require mitigation measures. Natural overlay zones set conditions, and the ordinance requires developers to take additional actions to mitigate natural hazard risks.				
Subdivision Ordinance	Yes	Title 18 Article V of Truckee Municipal Code	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> The regulations allow density transfers where hazard areas exist as required by State law.				
Site Plan Code	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Stormwater Management Code	Yes	Title 11 Storm Water Ordinance – Municipal Code	Local	GIS
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> To minimize damage to public and private property, reduce the effects of development on land and stream channel erosion, assist in the attainment and maintenance of water quality standards, reduce local flooding, and maintain as nearly as possible the pre-development runoff characteristics of the area.				
Post-Disaster Recovery/ Reconstruction Code	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> In 2024 General Plan Update there is an action item to develop this plan (Short-Term goal).				
Real Estate Disclosure Requirements	Yes	CA Assembly Bill 38 (AB 38)	Local (Fire District for D-Space, State for other issues)	Truckee Fire Protection District (TFPD)
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> In addition to facing potential liability for failing to disclose under the exceptions to “caveat emptor,” a home seller must make certain disclosures under the law relevant to wildfire and defensible space.				

	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Growth Management	Yes	Town’s General Plan	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Guides land use and development in different locations in the Town.				
Environmental Protection Ordinance	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Many of the items below are addressed in the 2024 General Plan update.				
Flood Damage Prevention Ordinance	Yes	Town Development Code Article 18.34 Floodplain Management	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Reduce or mitigate building in the defined flood plain. The ordinance adopts all subsequent amendments and/or revisions of Flood Insurance Rate Maps (FIRMs), including the most recent effective FIRM adopted in February 2010.				
Wellhead Protection	N/A	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Emergency Management Ordinance	Yes	Section 2.5 of the Municipal Code	Local	Office of Emergency Services
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Provides framework for activating the Emergency Operation Center, Disaster Council, and Master Mutual Aid during a crisis.				
Climate Change Ordinance	Yes	2024 General Plan – Climate Action Plan Element	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> This makes addressing Climate Change a priority within the Town operations and calls for training every employee in Climate Change actions.				
Other	Yes	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> FIRMs, Elevation Certificates				
PLANNING DOCUMENTS				
General/Comprehensive Plan	Yes	2024 General Plan	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> The 2024 General Plan update (“2040 General Plan”) is the Town’s guiding document for all things related to land use, development, and building, along with Climate Change, Stormwater Management, and Open Space management going forward. The future land use map identifies natural hazard areas. The land use policy, to the extent possible, discourages development or redevelopment in natural hazard areas. Most of the Town is in a high/very high wildfire hazard severity zone.				
Capital Improvement Plan	Yes	Five-Year Capital Improvement Program	Local	Finance
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Mitigation projects can be funded through allocations in capital improvement planning.				

	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Disaster Debris Management Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Floodplain Management or Watershed Plan	Yes	2024 General Plan / Development Code	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> This will mitigate the impact of floods and other natural hazards.				
Stormwater Pollution Prevention Plan	Yes	Clean Water Program / Clean Boater Program	Local	Engineering Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Reduce pollution inflow to Truckee River which is a source of drinking water for Reno / Sparks Nv in addition to local recreational opportunities.				
Open Space Plan	Yes	Part of the 2024 General Plan Update	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Open space management uses nature-based solutions to advance natural hazard mitigation and climate adaptation.				
Urban Water Management Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Habitat Conservation Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Economic Development Plan	Yes	Part of the 2024 General Plan	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> This can enhance economic resilience and growth within communities.				
Community Wildfire Protection Plan	Yes	Truckee Fire District	Local	Truckee Fire Protection District
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Maps fire risk and mitigation projects to address those risks				
Community Forest Management Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Transportation Plan	Yes	Included in 2024 General Plan update	Local	Planning Department
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> We have also developed evacuation plans in concert with the Transportation Plan.				

	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Agriculture Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Climate Action/ Resiliency/Sustainability Plan	Yes	Part of 2024 General Plan Update	Local	Planning
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Plan looks to address effects of climate change and potential mitigations we can put in place to reduce those effects, both of the actual effect and the reduction of Climate Change.				
Tourism Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Business/ Downtown Development Plan	Yes	Part of the 2024 General Plan Update, Land Use Element, Economic Development Element	Local	Planning
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Enhances economic resilience and growth within the Downtown, reducing the economic impact to a core piece of the Town following a disaster.				
Other	Yes			
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> TDPUD, T-TSA; Trout Creek and Gregory Creek Engineering Studies for Streams; Clean Boater Program.				
RESPONSE/RECOVERY PLANNING				
Emergency Operations Plan	Yes	Emergency Operations Plan	Local	Office of Emergency Services
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Provides a plan for training and exercising and responding to a large-scale emergency incident. Short term recovery is covered in this plan.				
Continuity of Operations Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> In-process				
Substantial Damage Response Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Threat & Hazard Identification & Risk Assessment (THIRA)	Yes	2017 HMP	Local	Office of Emergency Services
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i> Will be updated from 2017 HMP as part of the updated HMP				
Post-Disaster Recovery Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				

	Jurisdiction has this? (Yes/No)	Citation and Date (code chapter or name of plan, date of enactment or plan adoption)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Public Health Plan	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				
Other	No	-	-	-
<i>How has or will this be integrated with the HMP and how does this reduce risk?</i>				

5.3.3 Development and Permitting Capability

Table 5-3 summarizes the capabilities of Truckee to oversee and track development.

TABLE 5-3. DEVELOPMENT AND PERMITTING CAPABILITY

	Yes/No	Comment:
Do you issue development permits?	Yes	-
<ul style="list-style-type: none"> If you issue development permits, what department is responsible? If you do not issue development permits, what is your process for tracking new development? 	N/A	Initial permit is through Planning Department
Are permits tracked by hazard area? (For example, floodplain development permits.)	Yes / No	For floodplain, yes. For wildfire and avalanche, no.
Do you have a buildable land inventory?	Yes	-
<ul style="list-style-type: none"> If you have a buildable land inventory, please describe 	N/A	Part of 2024 General Plan update – Planning Department
Describe the level of build-out in your jurisdiction.	N/A	-

5.3.4 Administrative and Technical Capability

Table 5-4 summarizes potential staff and personnel resources available to Truckee and their current responsibilities that contribute to hazard mitigation.

5.3.5 Fiscal Capability

Table 5-5 summarizes financial resources available to Truckee.

5.3.6 Education and Outreach Capability

Table 5-6 summarizes the education and outreach resources available to Truckee.

5.3.7 Community Classifications

Table 5-7 summarizes classifications for community programs available to Truckee.

TABLE 5-4. ADMINISTRATIVE AND TECHNICAL CAPABILITIES

Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
ADMINISTRATIVE CAPABILITY		
Planning Board	Yes	To review and act on matters related to land use planning and development and make policy recommendations to the Town Council.
Zoning Board of Adjustment	Yes	Zoning Administrator – part of Planning Department
Planning Department	Yes	Responsible for advance planning, development review, public information, and Development Code compliance.
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Public Works/Highway Department	Yes	Provides year-round, all-weather service to public roadways and trail networks.
Construction/Building/Code Enforcement Department	Yes to all	Fosters a fair and impartial enforcement of codes to protect the safety and welfare of the community.
Emergency Management/Public Safety Department	Yes	Office of Emergency Services and Police Department
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	Yes	Through Public Works, the Road Maintenance Division is responsible for maintaining approximately 165 miles of roadway. The Facilities Maintenance Division oversees maintenance and landscaping of Town-owned or operated properties, to include trail maintenance.
Mutual aid agreements	Yes	Support all mission areas which can be established before, during, or after an incident.
Human Resources Manual - Do any job descriptions specifically include identifying or implementing mitigation projects or other efforts to reduce natural hazard risk?	Yes	Yes, positions within the Office of Emergency Services, Emergency Services Manager, Emergency Services Coordinator is responsible for preparing, updating, maintaining and implementing the Town’s Hazard Mitigation plan.
Other	No	-
TECHNICAL/STAFFING CAPABILITY		
Planners or engineers with knowledge of land development and land management practices	Yes	Resources to support these projects will be within Engineering, Building and Safety and Planning divisions.
Engineers or professionals trained in building or infrastructure construction practices	Yes	Chief Building Official, Construction Inspector, Town Engineer, Director of Public Works, Engineering Manager, Senior Civil Engineer

Resources	Available? (Yes/No)	Comment (available staff, responsibilities, support of hazard mitigation)
Planners or engineers with an understanding of natural hazards	Yes	Community Development Director, Town Planner, Senior Planner, Town Engineer, Director of Public Works, Engineering Manager, Senior Civil Engineer
Staff with expertise or training in benefit/cost analysis	Yes	Engineering Manager, Senior Civil Engineer
Professionals trained in conducting damage assessments	Yes	Chief Building Official, Building Inspectors
Personnel skilled or trained in GIS and/or Hazus applications	Yes	GIS staff members, no HAZUS
Staff that work with socially vulnerable populations or underserved communities	Yes	Diversity, Equity, and Inclusion Program Manager
Environmental scientist familiar with natural hazards	No	-
Surveyors	Yes	Contracted
Emergency Manager	Yes	Emergency Services Manager, Emergency Services Coordinator
Grant writers	Yes	Public Works Staff, Community Development Staff, Office of Emergency Services Staff, Assistant to the Town Manager
Resilience Officer	No	-
Other (this could include stormwater engineer, environmental specialist, etc.)	Yes	GIS and Engineering staff handle stormwater.

TABLE 5-5. FISCAL CAPABILITIES

Financial Resources	Accessible or Eligible to Use? (Yes/No)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	No
Impact fees for homebuyers or developers of new development/homes	Yes
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No

Financial Resources	Accessible or Eligible to Use? (Yes/No)
Other federal or state Funding Programs	Yes
Open Space Acquisition funding programs	Yes
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	Yes

TABLE 5-6. EDUCATION AND OUTREACH CAPABILITIES

Outreach Resources	Available? (Yes/No)	Comment
Public information officer or communications office	Yes	Town Communications Program Manager
Personnel skilled or trained in website development	Yes	Just completed rebrand and website update for the Town.
Hazard mitigation information available on your website	Yes	Ready Truckee Webpage
Social media for hazard mitigation education and outreach	Yes	Social media outreach cycles are included in this.
Citizen boards or commissions that address issues related to hazard mitigation	Yes	Watershed Council, SWEP, Land Trust, RCD, Search and Rescue, VIPs (Volunteers in Police Service), Tahoe Forest Hospital, Senior Center
Warning systems for hazard events	Yes	
Natural disaster/safety programs in place for schools	Yes	Town of Truckee School Resources Officer, Great Shake Out, Truckee Fire Protection District Kids Corner, CERT (Community Emergency Response Team)
Organizations that conduct outreach to socially vulnerable populations and underserved populations	Yes	The town contracts with to local Community Foundation to staff a position that Manages the local COAD (Community Organizations Active in Disasters) Manager. Additionally, the Town’s Diversity, Equity and Inclusion Program Manager coordinates with local organizations that do this work.
Does the jurisdiction have any public outreach mechanisms / programs in place to inform citizens on natural hazards, risk, and ways to protect themselves during such events?	Yes	-
<ul style="list-style-type: none"> If yes, please describe. 	N/A	Town’s Clean Water Program, Town’s Keep Truckee Green, Sierra Business Council

TABLE 5-7. COMMUNITY CLASSIFICATIONS

Program	Participating? (Yes/No)	Classification	Date Classified
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	4/4x	-
National Weather Service StormReady Certification	No	-	-
Firewise Communities classification	Yes	-	-
Other: Organizations with mitigation focus (advocacy group, non-government)	Yes	California Fire Risk Reduction Community List	July 2024

N/A = Not applicable

5.3.8 Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2022). Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. Table 5-8 summarizes the adaptive capacity for each identified hazard of concern and the Town’s capability to address related actions using the following classifications:

- Strong: Capacity exists and is in use.
- Moderate: Capacity might exist; but is not used or could use some improvement.
- Weak: Capacity does not exist or could use substantial improvement.

TABLE 5-8. ADAPTIVE CAPACITY

Hazard	Adaptive Capacity - Strong/Moderate/Weak
Avalanche	Moderate
Dam Failure	Moderate
Drought	Moderate
Earthquake	Moderate
Extreme Cold	Moderate
Extreme Heat	Moderate
Flood	Moderate
Hazardous Materials Release	Moderate
Landslide	Moderate
Wildfire	Moderate
Winter Storm	Moderate
Volcano	Moderate

5.4 National Flood Insurance Program Compliance

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the National Flood Insurance Program (NFIP). The floodplain administrator listed in the table of planning team members at the beginning of this annex is responsible for maintaining this information.

5.4.1 NFIP Statistics

Table 5-9 summarizes the NFIP policy and claim statistics for Truckee.

TABLE 5-9. TRUCKEE NFIP SUMMARY OF POLICY AND CLAIM STATISTICS

# Policies	46
# Claims (Losses)	9
# Repetitive Loss Properties	1
# Severe Repetitive Loss Properties	0

NFIP Definition of Repetitive Loss: The NFIP defines a repetitive loss property as any insurable building for which two or more claims of more than \$1,000 were paid by the NFIP within any rolling 10-year period since 1978.

Definition of Severe Repetitive Loss: A residential property covered under an NFIP flood insurance policy and: (a) That has at least four NFIP claim payments over \$5,000 each, and the cumulative amount of such claims payments exceeds \$20,000; or (b) For which at least two separate claims payments have been made with the cumulative amount of the building portion of such claims exceeding the market value of the building. At least two of the claims must have occurred within any 10-year period, more than 10 days apart.

Source: FEMA PIVOT 2024; CIS 2024

5.4.2 Flood Vulnerability Summary

Table 5-10 provides a summary of the NFIP program in Truckee.

TABLE 5-10. NFIP SUMMARY

NFIP Topic	Comments
Flood Vulnerability Summary	
Describe areas prone to flooding in your jurisdiction. <ul style="list-style-type: none"> Do you maintain a list of properties that have been damaged by flooding? 	Areas adjacent to waterways (primarily creeks, the Truckee River, Donner Lake) No.
Do you maintain a list of property owners interested in flood mitigation? <ul style="list-style-type: none"> If yes, how many homeowners and/or business owners are interested in mitigation (elevation or acquisition)? 	No
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what projects are underway. 	No

NFIP Topic	Comments
Do you have procedures established for Substantial Damage determinations following a disaster event? <ul style="list-style-type: none"> How many were declared for recent flood events in your jurisdiction? 	No 0
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? <ul style="list-style-type: none"> If there are mitigation properties, how were the projects funded? 	None
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If not, state why. 	Some do, some do not. The ones that do have been assessed/mapped at the parcel-level.
NFIP Compliance	
What local department is responsible for floodplain management?	The Community Development Department
Are any certified floodplain managers on staff in your jurisdiction?	No
Do you have access to resources to determine possible future flooding conditions from climate change?	Yes
Does your floodplain management staff need any assistance or training to support its floodplain management program? <ul style="list-style-type: none"> If so, what type of assistance/training is needed? 	No
Provide an explanation of NFIP administration services you provide (e.g., permit review, GIS, education/outreach, inspections, engineering capability)	Permit review, GIS
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	Any modification to a floodplain constitutes a substantial modification.
What are the barriers to running an effective NFIP program in the community, if any?	Staffing
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> If so, state the violations. 	No
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	Unknown
What is the local law number or municipal code of your flood damage prevention ordinance? <ul style="list-style-type: none"> What is the date that your flood damage prevention ordinance was last amended? 	Municipal Code Article 18: Chapter 18.34 – Floodplain Management, Section 18.38.040 – River and Stream Development Standards, Section 18.20.050.D – River Protection (-RP) Overlay District, Setback Requirements, 09/07/2023; The ordinance adopts all subsequent amendments and/or revisions of Flood Insurance Rate Maps (FIRMs), including the most recent effective FIRM adopted in February 2010.

NFIP Topic	Comments
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? 	Exceed. The ordinance regulates areas of known flooding that have not been mapped by FEMA.
Are there other local ordinances, plans or programs (e.g., site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board consider efforts to reduce flood risk when reviewing variances such as height restrictions?	Yes – Development Review of discretionary land use applications which requires compliance with Municipal Code floodplain management requirements.
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	Not at this time

5.5 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to appreciating a jurisdiction’s overall risk to its hazards of concern.

From 2019 to 2023, Truckee saw a rise in single-family, multi-family, and commercial developments, mostly outside the SFHA, with only one permit within it (in 2021). Key projects like Frishman Hollow II and Camp One Fitness & Apartments are in Very High Fire Hazard Severity Zones (FHSZ), as are anticipated developments like Coldstream Commercial and Tahoe Donner Ski Lodge. This increased development in high-risk areas has raised Truckee’s risk exposure, emphasizing the need for fire-resistant building materials and practices.

Recent and expected future development trends, including major residential/commercial development and major infrastructure development, are summarized in Table 5-11, Table 5-12, and Table 5-13.

TABLE 5-11. NUMBER OF BUILDING PERMITS FOR NEW CONSTRUCTION ISSUED SINCE THE PREVIOUS HMP

	New Construction Permits Issued			
	Single Family	Multi-Family	Other (commercial, mixed-use, etc.)	Total
2019				
Total Permits	84	0	4	88
Permits within SFHA	0	0	0	0
2020				
Total Permits	84	0	2	86
Permits within SFHA	0	0	0	0

	New Construction Permits Issued			
	Single Family	Multi-Family	Other (commercial, mixed-use, etc.)	Total
2021				
Total Permits	61	7	5	73
Permits within SFHA	1	0	0	1
2022				
Total Permits	70	0	1	71
Permits within SFHA	0	0	0	0
2023				
Total Permits	81	0	4	85
Permits within SFHA	0	0	0	0

SFHA = Special Flood Hazard Area (1% annual chance flood event)

TABLE 5-12. RECENT MAJOR DEVELOPMENT AND INFRASTRUCTURE FROM 2017 TO PRESENT

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
Frishman Hollow II	Affordable Multi-Family Apartments	68 multi-family units within four buildings	11188 & 11200 Rue Ivy (APNs: 19-410-041 & 042)	Very High FHSZ	Complete, Occupied
Quality Automotive	Service Commercial	One 2,934 sf commercial building	10041 Donner Pass Rd. (APN: 18-600-010)	None	Complete, Occupied
Kelly Brothers Painting, Inc.	Industrial	4,725 sf industrial building & two multi-family units within one building	11020 Trails End Ct. (APN: 19-920-017)	None	Complete, Occupied
Marriott Springhill Suites; Coburn Crossing Apartments	Hotel; Multi-Family Apartments	138 hotel rooms (68,410 sf) in one building; 132 deed-restricted "local" and six low-income apartments in five buildings	Hotel: 10640 East Jibboom St. (APN: 19-420-089); Apartments: 10470 East Jibboom St. (APN: 019-420-090)	None	Complete, Occupied
Truckee Tahoe Lumber Company	Industrial	4,100 sf showroom/office in one building and 40,000 sf lumber storage in two buildings	11001 Soaring Way (APN: 19-620-063)	None	Complete, Occupied

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
Truckee Artist Lofts	Affordable Multi-Family Apartments; Commercial	77 multi-family units & 3,855 sf commercial in one building	9848 Donner Pass Rd. (APN: 19-421-004)	None	Complete, Occupied
Truckee Sanitary District Vehicle Storage Building	Public	3,877 sf in one building	12304 Joerger Dr. (APN: 19-440-097)	None	Complete, Occupied
Grocery Outlet	Grocery Store	16,147 sf	11213 Donner Pass Rd. (APN: 18-621-011)	None	Complete, Occupied
Soaring Ranch	Grocery Store, Commercial	35,478 sf Raley's grocery store & 31,523 sf commercial in two buildings	10001 Soaring Way (APN: 19-620-065)	None	Complete, Occupied
The Rock Building F	Commercial/Office	5,395 sf in one building	11177 Brockway Rd. (APN: 19-950-034)	None	Complete, Occupied
High Altitude Fitness	Fitness	27,350 sf indoor gym/climbing gym in one building	11798 Donner Pass Rd. (APM: 18-800-009)	None	Complete, Occupied
Camp One Fitness & Apartments	Fitness; Multi-Family Apartments	22,184 sf gym in one building; 9 Multi-Family Units within one building	10700 Pioneer Trail (APN: 19-700-027) & (APN: 19-700-026)	Very High Fire Hazard Severity Zone (FHSZ)	Complete, Occupied
Town of Truckee Public Service Center Garages	Public	36,257 sf in two buildings	10969 Stevens Lane (APN: 19-420-081)	None	Complete, Occupied
Pioneer Commerce Center Building K3	Industrial	11,200 sf in one building	10740 Pioneer Trail (APN: 19-700-15)	None	Complete, Occupied
Pioneer Commerce Center Building L	Industrial	11,618 sf in one building	10736 Pioneer Trail (APN: 19-700-17)	None	Complete, Occupied
Pioneer Commerce Center Building K4	Boat Storage	12,800 sf in one building	10730 Pioneer Trail (APN: 19-700-15)	None	Complete, Occupied

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
Coldstream Commons	Affordable Multi-Family Apartments	48 units in four buildings	13078 Fish Camp Way (APN: 18-850-017)	Very High FHSZ	Complete, Occupied
Truckee Tahoe Lumber Company Adaptive Reuse	Commercial/Office	Conversion of 23,212 sf lumber yard to 21,439 sf office/ commercial	10242 Church Street & 10322 Trout Creek (APN 19-030-008 & 19-030-051)	None	Entitled; under construction
Village at Gray's Crossing	Mixed-Use: Multi-Family Apartments & Commercial	17,192 sf commercial with 21 multi-family units in five buildings; one four-plex multi-family building; 24 attached single-family	10212, 10120, 10105, 10313, 10153, 10057, 10009, 10002 Edwin Way; 10149 Annie's Loop, 11763 Henness Road (APNs: 43-060-001, -002, -004 to 43-060-008, 43-070-001 to 43-070-003 to 007)	None	Entitled; the 24 attached single-family & four-plex are currently under construction

* Only location-specific hazard zones or vulnerabilities identified.

TABLE 5-13. KNOWN OR ANTICIPATED MAJOR DEVELOPMENT AND INFRASTRUCTURE IN THE NEXT FIVE YEARS

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
Estates Meadows	Affordable Multi-Family Apartments	30 multi-family units in four buildings	10038 Estates Drive (APN: 19-450-047)	None	Entitled, no construction initiated
Soaring Ranch Phase II	Mixed-Use: Multi-Family Apartments & Commercial	31,523 sf commercial, 69 multi-family units (eight affordable) in four buildings	10501 Soaring Way (APN: 19-620-066)	None	Entitled, no construction initiated
Soaring Ranch Phase III	Mixed Use: Multi-Family Apartments & Commercial	109 Multi-Family units, 7,834 sf commercial in four building	10801 Soaring Way (APN: 19-620-067)	None	Entitled, no construction initiated
Village at Gray's Crossing Hotel	Lodging	129 hotel rooms (89,654 sf) in one building; 4,820 sf conference center in one building	10162 Edwin Way (APN: 43-060-011)	None	Entitled, no construction initiated

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
Village at Gray's Crossing Car Wash	Commercial	3,883 sf commercial in one building	10012 Edwin Way (APN: 43-070-010)	None	Entitled, no construction initiated
Crestwood Construction Industrial Building	Industrial	8,800 sf in one building	10980 Industrial Way (APN 19-700-008)	None	Entitled, no construction initiated
Coldstream Commercial	Commercial	19,732 sf in two buildings	12848 & 12833 Deerfield Drive (APNs: 18-850-018, 19)	Very High FHSZ	Entitled, no construction initiated
Tahoe Donner Ski Lodge	Recreation	Demolition of existing 15,838 sf building and construction of new 24,490 sf building	14943 Slalom Way, 12250 Viking Way & 14942 Slalom Way (APNs: 46-050-001, 002 & 46-040-002)	Very High FHSZ	Entitled, no construction initiated
Joerger Ranch Parcel 2	Mixed-Use: Industrial & Residential	49,739 sf industrial in five buildings & 12 multi-family apartments in four buildings	10110 Soaring Way (APN: 19-620-061)	None	Entitled, no construction initiated
Zurich Place Offices	Office	10,467 sf in one building	17308 Northwoods Blvd (APN: 45-200-005)	Very High FHSZ	Entitled, no construction initiated
Industrial Way Mixed-Use	Mixed-Use: Multi-Family Apartments & Industrial	28,336 sf Industrial & nine multi-family apartments within two buildings	10969 Industrial Way (APN: 19-700-006)	None	Under construction
Pacific Crest Commons	Affordable Multi-Family Apartments	55 multi-family apartment units in two buildings	10079 State Route 89 (APN 18-621-006) & 11300 Donner Way (APN 18-621-005)	None	The project is proposed on State of California-owned property and is not subject to Town of Truckee regulations; the timeframe for future construction of this project is unknown at this time.
Residences at Jibboom	Mixed-Use: Multi-Family Apartments & Commercial	62 multi-family residential units & 3,224 sf commercial in one building	10002 – 10090 Jibboom St. (APNs 19-102-011 to 19-100-018)	None	Land use application anticipated to be submitted shortly

Property or Development Name	Type of Development	# of Units / Structures	Location (address and/or block and lot)	Known Hazard Zones*	Description / Status of Development
Pioneer East	Service Commercial	76,893 sf in 11 buildings	No site address (APN 19-410-028)	None	Land use application is under review

* Only location-specific hazard zones or vulnerabilities identified.

5.6 Jurisdictional Risk Assessment

The risk assessment in Volume I provides information regarding the overall planning area's risks from the identified hazards, as well as quantitative vulnerability and impact estimates for municipalities and preliminary hazard rankings for all participating jurisdictions. Key local risk assessment information for Truckee is presented below.

5.6.1 Jurisdiction-Specific Hazard Risks

Volume I of this plan describes the 12 hazards identified as presenting the greatest risk to Nevada County overall. The Town of Truckee identified how its local risks differ from the overall planning area based on mapping of hazard areas, a review of hazard events the specifically affected the City, and consideration of the hazard ranking defined in Volume I. Each of these is described below.

Hazard Area

Figure 5-1 and Figure 5-2 illustrate locations that are at risk of a hazardous event occurring within the town. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps are provided only for hazards that can be identified clearly using mapping techniques and technologies and for which Truckee has significant exposure. Town boundaries shown on the maps are the County's designated community boundaries, as defined in the Nevada County General Plan (Nevada County GIS 2020).

Figure 5-1. Truckee Hazard Area Extent and Location Map 1

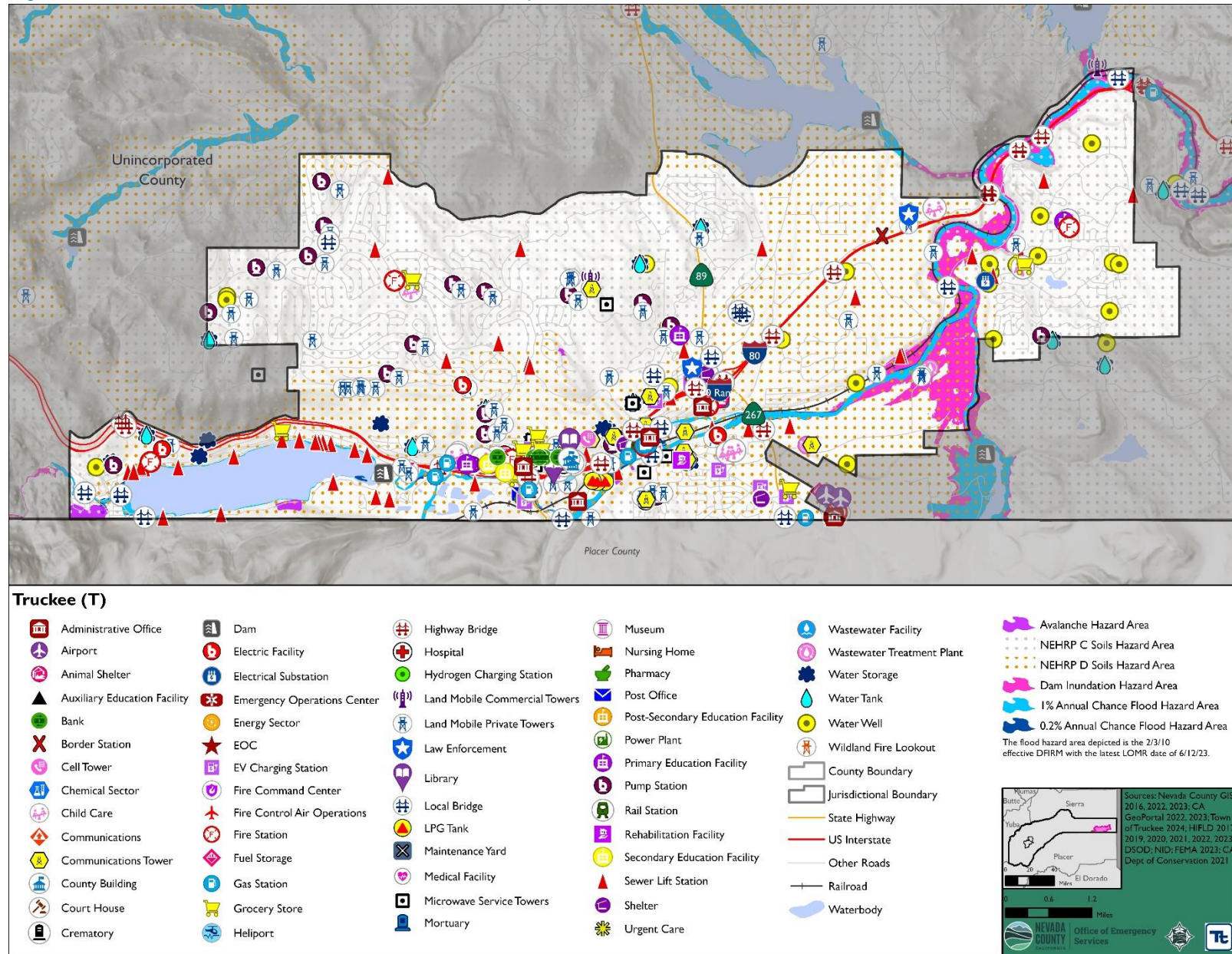
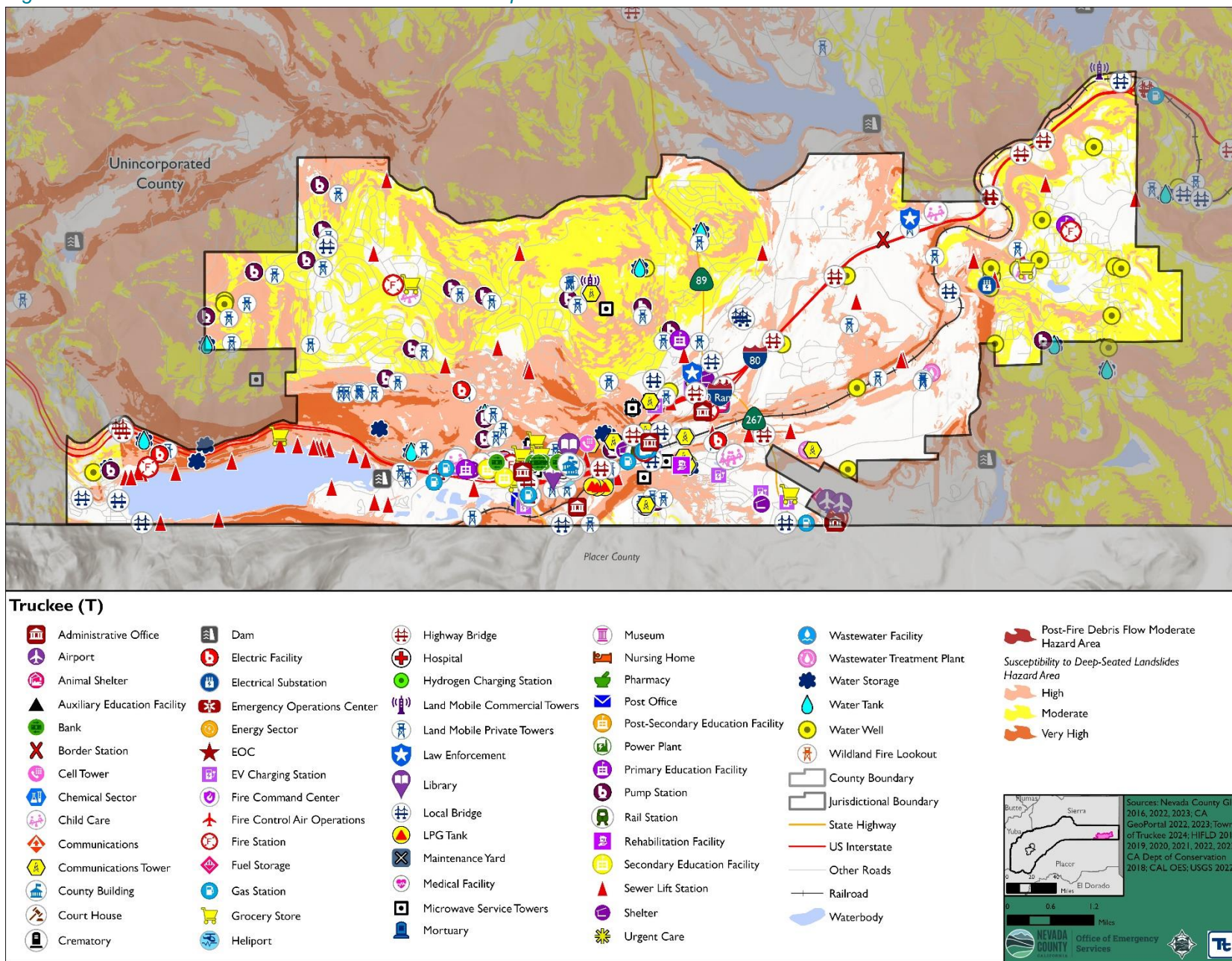


Figure 5-2. Truckee Hazard Area Extent and Location Map 2



Hazard Event History

The history of natural and non-natural hazard events in Truckee is detailed in Volume I, where each hazard profile includes a chronology of historical events that have affected the County and its municipalities. Table 5-14 provides details on loss and damage in Truckee during hazard events since the last hazard mitigation plan update.

TABLE 5-14. HAZARD EVENT HISTORY IN TRUCKEE

Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses in Truckee
October 8 – October 31, 2017	Wildfires (DR-4344, FM-5271)	Yes	The 2017 California wildfire season resulted in nearly 1.6 million acres of burned land across 9,000+ wildfires. Nevada County experienced 7 wildfires during this season, with the most notable being the Lobo Fire (Wind Complex) and Pleasant Fire that burned a combined 1,000+ acres of land.	None reported
January 20, 2020 – May 11, 2023	Pandemic (DR-4482, EM-3428)	Yes	The coronavirus pandemic resulted in roughly 20,521 cases and 155 attributed deaths as of fall 2023.	
August 14 – September 26, 2020	Wildfires (DR-4558, FM-5332)	Yes	Historic wildfires swept across the State of California in 2020, resulting in over 4.3 million acres burned across the State. In Nevada County, the Jones Fire burned 705 acres and resulted in 7 injuries to civilians and fire personnel.	None reported
July 14 – October 25, 2021	Wildfires (DR-4610)	Yes	The River Fire burned over 2,600 acres through Nevada County before being contained. At least 21 structures were damaged, 142 structures were destroyed, and 4 injuries were reported as a result of this fire.	None reported
July 27, 2021	Plane Crash	No	12 seat turbo prop plane crashed into a residential neighborhood on approach to Truckee Airport	All 6 souls onboard perished. Neighborhood fire was extinguished by passing Cal-Fire Strike team averting a catastrophic wildland / urban fire

Dates of Event	Event Type (Disaster Declaration)	County Designated?	Summary of Event	Summary of Damage and Losses in Truckee
August – September 2021	Air Quality	No	Caldor Fire Smoke Impact	The Truckee community experienced extreme air quality issues from wildfire smoke (primarily Caldor Fire) with AQI in excess of 500. Schools were closed for 5 days and press releases were issued for tourists to stay away.
July 7, 2022	Butterfield Fire Wildfire	No	Approximately 12-acre arson fire in the open space are in center of Town.	Evacuations of the surrounding areas
December 27, 2022 – January 31, 2023	Severe Storms (DR-4683)	Yes	Severe winter storms, flooding, landslides, and mudslides impacted residents and property across Nevada County.	Although the County was impacted, the Town did not report significant damages.
February 21 – July 10, 2023	Severe Storms (DR-4699, EM-3592)	Yes	Severe winter storms, straight-line winds, flooding, landslides, and mudslides impacted communities across Nevada County.	Approximately 60 houses with ice and water damage or partial collapses (decks). 3 large box retail collapses. 2 house collapses.

EM = Emergency Declaration (FEMA)
 FEMA = Federal Emergency Management Agency
 DR = Major Disaster Declaration (FEMA)
 N/A = Not applicable

Hazard Ranking

The vulnerability assessments for each hazard in Part 2 of Volume I of this HMP present evaluations of vulnerability and impact for unincorporated county areas and each participating municipality. The participating jurisdictions have differing degrees of vulnerability to the hazards of concern, so each jurisdiction ranked its own degree of risk to each hazard. The community-specific hazard ranking is based on problems and impacts identified by the risk assessment presented in Volume I. The ranking process involves an assessment of the likelihood of occurrence for each hazard; the potential impacts of the hazard on people, property, and the economy; community capabilities to address the hazard; and changing future climate conditions.

Truckee reviewed the preliminary hazard ranking calculated as described in Volume I to assess the relative risk of the hazards of concern to the Town. The Town agreed with many of the calculated hazard rankings. The rankings for flood and extreme cold were adjusted from Low to Medium due to the observed frequency and impacts of past events. The change to the flood ranking was also determined based on the issuance of a new construction permit in the floodplain since the last plan. The dam failure and earthquake rankings were increased from Low to Medium due to identified infrastructure vulnerabilities and the potential for more intense impacts, although no events of these types have occurred in recent history. The revised rankings also account for the changes in community priorities described in

Section 20.2 in Volume I of this HMP. Table 5-15 shows Truckee’s final hazard rankings. Mitigation action development uses the ranking to target hazards with the highest risk.

TABLE 5-15. HAZARD RANKING

Hazard	Rank	Hazard	Rank
Avalanche	Low	Flood	Medium
Dam Failure	Medium	Hazardous Materials Release	Low
Drought	Medium	Landslide	Low
Earthquake	Medium	Wildfire	High
Extreme Cold	Medium	Winter Storm	High
Extreme Heat	Medium	Volcano	Low

5.6.2 Vulnerability and Potential Impacts for Hazards of Local Concern

Based on the above jurisdiction-specific information, the following sections describe vulnerability and potential impacts for the hazards of greatest concern to the Town of Truckee (listed alphabetically, not in order of risk ranking).

Dam Failure

The Town assets (people and structures) most vulnerable to dam failure are those located within mapped dam inundation area of Donner Lake dam, which is owned by the Truckee Meadows Water Authority. The risk assessment in Volume I provides quantitative estimates of the number of people and structures within these hazard areas specific to Truckee.

Older buildings in the Town’s downtown area, constructed prior to current building standards, are more likely to experience impacts from dam failures. The risk assessment in Volume I presents Town-specific quantitative estimates from Hazus for potential impacts on people and structures. Potential future changes in impacts have been assessed as follows:

- Climate change—At the geographic scale used for California’s climate projection tool Cal-Adapt, projected climate change through mid-century does not vary meaningfully across Nevada County for temperature or precipitation (Geospatial Innovation Facility n.d.). Therefore, its effect on dam failure impacts for Truckee is assumed to be the same as described for all of Nevada County in Volume I. Dam failure risks are projected to increase within and downstream from the Sierra Nevada as climate change increases storm intensities and temperatures.
- Population changes—Truckee’s population remained stable in recent years, indicating no change in overall risk from dam failure.
- Future development—The Donner Lake dam inundation area runs along Donner Creek and Interstate 80 and intersects with the Donner Memorial State Park. Areas along Interstate 80 tend to already be developed, while Donner Creek and Donner Memorial State Park are subject to environmental regulations that limit their ability to be developed. It is possible, but unlikely that significant future development will occur in the mapped dam inundation areas. Ongoing

floodplain compliance, the Town's existing building code, and coordinated outreach to dam owners responsible for mitigation measures and maintaining EAPs will continue to mitigate risks associated with such developments.

Drought

All people and structures in the Town are equally vulnerable to drought. The hazard is uniform across Truckee, and the vulnerability discussion in Volume I is applicable to Truckee.

The qualitative countywide impacts described in the risk assessment in Volume I are equally applicable to Truckee. In addition, lower groundwater levels that can result from drought have the potential to cause subsidence in the vicinity of former mines under Truckee.

Potential future changes in impacts have been assessed as follows:

- Climate change—At the geographic scale used for California's climate projection tool Cal-Adapt, projected climate change through mid-century does not vary meaningfully across Nevada County for temperature or precipitation (Geospatial Innovation Facility n.d.). Therefore, its effect on drought impacts for Truckee is assumed to be the same as described for all of Nevada County in Volume I. Droughts are likely to become more frequent and more severe, and the availability of surface water supplies is likely to decrease.
- Population changes—Truckee's population remained stable in recent years, indicating no change in overall risk from drought.
- Future development—Proposed new development for Truckee could increase the demand on water supply, increasing the potential need for water restrictions during drought.

Earthquake

All people and structures in the Town are equally vulnerable to earthquake. The hazard is uniform across Nevada County, and the vulnerability discussion in Volume I is applicable to Truckee.

Older buildings in the Town's downtown area, constructed prior to current building standards, are more likely to experience impacts from an earthquake. The downtown core historical district area in Truckee contains predominantly wood frame construction or newer concrete commercial buildings. There may be several Unreinforced Masonry (URM) buildings, which pose a hazard during earthquakes due to their structural vulnerability. The risk assessment in Volume I identifies quantitative Townwide estimates of potential impacts specific to Truckee as estimated by Hazus.

Potential future changes in impacts have been assessed as follows:

- Climate change—Climate change is unlikely to have a significant effect on earthquake impacts in Truckee.
- Population changes—Truckee's population remained stable in recent years, indicating no change in overall risk from earthquake.

- Future development—New development in Truckee may increase the number and value of structures at risk from earthquake, but building codes enforced by the Town should limit impacts in the form of structural damage.

Extreme Cold

All people and structures in the Town are equally vulnerable to extreme cold. The hazard is uniform across Nevada County, and the vulnerability discussion in Volume I is applicable to Truckee.

The qualitative countywide impacts described in the risk assessment in Volume I are equally applicable to Truckee. Additionally, the Town contains a portion of Interstate 80, where over 2,500 vehicles travel during peak hours and serves as an important commercial thoroughfare. Extreme cold events may accelerate freeze/thaw action on the roadway and its infrastructure, leading to potential increased needs for detours, closures, and maintenance needs and to structural damage, if not addressed.

Potential future changes in impacts have been assessed as follows:

- Climate change— At the geographic scale used for California’s climate projection tool Cal-Adapt, projected climate change through mid-century does not vary meaningfully across Nevada County for temperature (Geospatial Innovation Facility n.d.). Therefore, its effect on extreme cold impacts for Truckee is assumed to be the same as described for all of Nevada County in Volume I. As temperatures warm, extreme cold events may become less frequent and severe, lessening their impacts.
- Population changes—Impacts of extreme cold on Truckee are largely associated with damage to facilities, but major increases in population could exacerbate dependence on Interstate 80 for everyday transportation and commerce. However, Truckee’s population remained stable in recent years, indicating no change in overall risk from extreme cold.
- Future development—Impacts of extreme cold on Truckee are largely associated with damage to facilities. This impact is not expected to change with new development.

Extreme Heat

All people and structures in the Town are equally vulnerable to extreme heat. The hazard is uniform across Nevada County, and the vulnerability discussion in Volume I is applicable to Truckee.

Populations most likely to experience impacts from an extreme heat event include those over 65, children under five, people with underlying or chronic medical conditions, low-income individuals, those experiencing homelessness, and outdoor workers. The qualitative countywide impacts described in the risk assessment in Volume I are equally applicable to Truckee.

Potential future changes in impacts have been assessed as follows:

- Climate change—At the geographic scale used for California’s climate projection tool Cal-Adapt, projected climate change through mid-century does not vary meaningfully across Nevada County for temperature (Geospatial Innovation Facility n.d.). Therefore, its effect on extreme heat impacts for Truckee is assumed to be the same as described for all of Nevada County in

Volume I. Extreme heat events are likely to become more frequent, severe, and prolonged as temperatures rise.

- Population changes—Truckee’s population has remained stable in recent years, indicating no change in overall risk from extreme heat.
- Future development—New development in Truckee may exacerbate extreme heat events due to the urban heat island effect but building codes and open space requirements could lessen impacts.

Flood

The Town assets (people and structures) most vulnerable to flood are those located within mapped flood hazard areas: areas adjacent to Donner Lake, south of Prosser Creek Reservoir and Alder Creek, and west of Martis Creek. The risk assessment in Volume I provides quantitative estimates of the number of people and structures within these hazard areas specific to Truckee.

Older buildings in the Town’s downtown area, constructed prior to current building standards, are more likely to experience impacts from flooding. The risk assessment in Volume I presents Town-specific quantitative estimates from Hazus for potential impacts on people and structures. Potential future changes in impacts have been assessed as follows:

- Climate change—At the geographic scale used for California’s climate projection tool Cal-Adapt, projected climate change through mid-century does not vary meaningfully across Nevada County for temperature or precipitation (Geospatial Innovation Facility n.d.). Therefore, its effect on flood impacts for Truckee is assumed to be the same as described for all of Nevada County in Volume I. Flood risks are projected to increase within and downstream from the Sierra Nevada as climate change increases storm intensities and temperatures.
- Population changes— Truckee’s population remained stable in recent years, indicating no change in overall risk from flood.
- Future development—The Town may continue to see occasional permit applications for homes in mapped floodplains. Ongoing NFIP compliance and the Town’s existing building code will continue to mitigate risks associated with such developments.

Wildfire

The analysis of wildfire vulnerability in this HMP is based on hazard mapping previously performed for Nevada County that provides results for four forecast zones that cover Nevada County, as described in Volume I (Nevada County OES 2023). One forecast zone includes the Town of Truckee and the surrounding unincorporated area. Volume I provides a detailed description of the mapping of wildfire hazard priority areas and quantitative estimates of the associated vulnerability of people and structures in that forecast zone. CAL FIRE’s fire hazard severity zone mapping shows roughly half of Truckee as a very high hazard area and downtown areas as defensible space.

The qualitative countywide impacts described in the risk assessment in Volume I are equally applicable to Truckee. Older buildings in the Town’s downtown area, constructed prior to current building standards, are more likely to experience impacts from wildfire. The Town also can be indirectly

impacted by an influx of population when people in surrounding rural areas need to evacuate from fires outside the Town. Potential future changes in impacts have been assessed as follows:

- Climate change—At the geographic scale used for California’s climate projection tool Cal-Adapt, projected climate change through mid-century does not vary meaningfully across Nevada County for temperature or precipitation (Geospatial Innovation Facility n.d.). Therefore, its effect on wildfire impacts for Truckee is assumed to be the same as described for all of Nevada County in Volume I. It is predicted that the number of large fires and total area burned will increase with the changing climate.
- Population changes— Truckee’s population remained stable in recent years, indicating no change in overall risk from earthquake.
- Future development— From 2019 to 2023, Truckee issued several permits, such as the Frishman Hollow II and Camp One Fitness & Apartments, in very high wildfire severity zones, This development in high-risk areas has raised Truckee’s risk exposure, emphasizing the need for fire-resistant building materials and practices. The Town is participating in the update of Nevada County’s community wildfire protection plan, which will prioritize areas for hazardous fuels reduction treatments, address community preparedness, and recommend actions homeowners and communities can take to reduce structure ignitability.

Winter Storm

All people and structures in the Town are equally vulnerable to winter storm. The hazard is uniform across Nevada County, and the vulnerability discussion in Volume I is applicable to Truckee.

The qualitative countywide impacts described in the risk assessment in Volume I are equally applicable to Truckee. Older buildings in the Town’s downtown area, constructed prior to current building standards, are more likely to experience impacts from winds or snow loads associated with a winter storm. The Town of Truckee contains portions of Interstate 80 and is responsible for maintaining approximately 150 miles of roadway. A winter storm could down trees or power lines and create significant debris that makes it unsafe and even inaccessible for drivers. Potential future changes in impacts have been assessed as follows:

- Climate change—Warming temperatures are projected to raise the divide between rain and snow by as much as 3,000 feet. Being in the lower elevation portion of the County, Truckee is less likely to see this effect than higher-elevation areas to the east. Countywide, climate change is predicted to bring more extreme storms in winter.
- Population changes— Truckee’s population remained stable in recent years, indicating no change in overall risk from winter storms.
- Future development—Truckee enforces current building codes designed to protect structures from storm-related damage. New development under these codes is unlikely to change the Town’s overall impacts from winter storms.

5.6.3 Identified Issues

Table 5-16 lists issues related to the top hazards of concern for the Town of Truckee. These issues were identified based on local knowledge, the hazard event history, hazard rankings, hazard location, current capabilities, and the assessments of hazard vulnerability and potential impacts described in detail in Volume I. Addressing these issues is an important community priority for the Town, and the mitigation strategy has been developed to incorporate, where feasible, actions that would help to resolve one or more of these issues.

TABLE 5-16. HAZARD ISSUES

Issue	Related Hazard	Associated with Vulnerability or Impact	Associated with Capability
<p>Frequent flooding events have resulted in damages to residential properties. These properties have been repetitively flooded as documented by paid NFIP claims. The Town of Truckee has 1 repetitive loss property, but other properties may be impacted by flooding as well.</p>	Flood	X	
<p>Officials in NFIP-participating communities are responsible for regulating all development in SFHAs by issuing permits and enforcing local floodplain requirements, including Substantial Damage, for the repairs of damaged buildings. After any disaster event, they must:</p> <ul style="list-style-type: none"> • Determine where the damage occurred within the community and if the damaged structures are in an SFHA. • Determine what to use for “market value” and cost to repair; uniformly applying regulations will protect against liability and promote equitable administration. • Determine if repairing plus improving the damaged structure equals or exceeds 50% of the structure’s pre-damage value. • Require permits for floodplain development. <p>The Town of Truckee does not have a Substantial Damage Management Plan in place, nor do they have a formal process in place when conducting substantial damage determinations. The Town of Truckee is in need of a formal process and plan to provide a framework for conducting such inspections and determinations.</p>	All hazards reviewed in Volume I		X
<p>The Town of Truckee is responsible for maintaining approximately 150 miles of roadway. Among these, about 30 miles of roadway require maintenance to clear debris from the areas adjacent to the roadways. These specific areas have been identified as “Fuel Modifications Zones” according to the Nevada County and Town of Truckee Standard Specifications.</p>	Flood, Wildfire, Winter Storm		X

Issue	Related Hazard	Associated with Vulnerability or Impact	Associated with Capability
<p>The downtown core historical district area in Truckee contains predominantly wood frame construction or newer concrete commercial buildings. However, there is a possibility that several Unreinforced Masonry (URM) buildings exist, which pose a hazard during earthquakes due to their structural vulnerability.</p>	<p>Dam Failure, Earthquake</p>		<p>X</p>
<p>The Town of Truckee, known for its extreme cold and heavy snowfall, faces blizzard-like conditions. The town hosts a major Interstate freeway, where over 2,500 vehicles travel during peak hours. Closure of the freeway results in significant commerce losses (over \$1,000,000.00 per hour). Despite Cal-Trans' efforts, independent truckers and small companies persistently enter the area during closures, causing gridlock. Regular vehicle traffic also attempts risky crossings, leading to search and rescue operations.</p>	<p>Extreme Cold, Winter Storms</p>	<p>X</p>	
<p>During storm events, various areas around Donner Lake suffer localized damage, including hillside erosion, minor property damage from water intrusion into structures, and sediment loading into drainages that ultimately reaches Donner Lake. A task force has been established to address issues within Town limits, but challenges remain for areas just outside the Town limits (such as Interstate 80 and hillsides) that are beyond direct control.</p>	<p>Flood</p>		<p>X</p>
<p>During storm events, areas around Glenshire, especially those near greenbelts, suffer localized damage. This includes minor property damage due to water intrusion into structures and roadway damage.</p>	<p>Flood</p>	<p>X</p>	
<p>Truckee contains one of the largest homeowners associations, the Tahoe Donner Homeowners Association with represents over 6,000 residential properties. This area has historically be affected or threatened by wildfires. However, the HOA has just two exit routes, which may be insufficient if a wildfire occurs and requires an evacuation.</p>	<p>Wildfire</p>	<p>X</p>	
<p>Trout Creek is a major drainage (blue line stream) through central Truckee. The watershed has been highly developed, and the stream channel has been altered and impacted by the development. The alteration has increased flooding potential and decreased the natural ability of the stream system to carry storm event flows.</p>	<p>Flood</p>	<p>X</p>	

Issue	Related Hazard	Associated with Vulnerability or Impact	Associated with Capability
<p>Address the challenges arising from increased transit usage and ridership in the Town, which reduces reliance on personal vehicles. The need for maintenance and storage space applies to both the current transit fleet and future expansion. Additionally, the inclusion of electric charging infrastructure is essential for transitioning the Town’s transit fleet from fossil fuel to clean electric power. Furthermore, indoor storage facilities are necessary to improve vehicle longevity, provide sheltered servicing, and eliminate the need to retrieve vehicles from outdoor storage during storm events. Ensuring readiness for emergency deployment during evacuations is a critical consideration.</p>	<p>Wildfire, Winter Storm</p>		<p>X</p>
<p>The Public Service Center on Stevens Lane needs additional equipment and vehicle storage garages for Public Works vehicles.</p>	<p>Winter Storm</p>		<p>X</p>
<p>Identify and address insufficient stormwater drains that struggle to handle heavy rainfall or runoff due to poor drainage. The consequences include flooding, property damage, and safety hazards.</p>	<p>Flood</p>		<p>X</p>
<p>The Town of Truckee, like many California communities with wildland-urban-interface and intermix, faces the threat of a fast-moving wildfire impacting the built environment and the challenge of evacuating residents and visitors from the threat. As a result, recent state legislation has required local governments to (1) identify residential developments in Very High Fire Hazard Severity Zones that do not have at least two emergency evacuation routes and develop feasible mitigation strategies, which may include alternative methods of evacuation, and (2) Identify evacuation routes and their capacity, safety, and viability under a range of emergency scenarios, and identify existing roadways used as evacuation routes that are not compliant with current Fire Safe Regulations (14 CCR § 1270.00) for roadway standards and develop a plan to bring those roadways into conformance. The town has not completed a thorough vulnerability, risk, and strengthening assessment for evacuations which is needed to improve public safety and meet legislative requirements.</p>	<p>Wildfire, Hazardous Materials Release</p>		<p>X</p>
<p>During storm events, areas around Sierra Meadows, especially on Old Mill Road, experience localized damage. This includes minor property damage from water intrusion into structures and roadway damage, disrupting access to homes.</p>	<p>Flood</p>	<p>X</p>	
<p>During storm events, many areas around Tahoe Donner experience localized damage, including hillside erosion, minor property damage from water intrusion into structures, and roadway damage. This damage disrupts access to homes and contributes to sediment discharge into Trout Creek and Alder Creek.</p>	<p>Flood</p>	<p>X</p>	

5.7 Mitigation Strategy and Prioritization

This section discusses the status of mitigation actions from the previous HMP, describes proposed hazard mitigation actions, and prioritizes actions to address over the next five years.

5.7.1 Past Mitigation Action Status

Table 5-17 indicates progress on the Town’s mitigation strategy identified in the 2017 HMP. Actions that are still recommended but not completed or that are in progress are carried forward and combined with new actions as part of the mitigation strategy for this plan update. Previous actions that are now ongoing programs and capabilities are indicated as such and are presented in the capability assessment earlier in this annex.

TABLE 5-17. STATUS OF PREVIOUS MITIGATION ACTIONS

A1—Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	
Hazards Addressed	All Hazards
Responsible Party	Town of Truckee Planning Department
Action Review	
Status	Complete
Progress, or obstacles that have prevented implementation	N/A – Action complete
Next Steps	
Include in the 2024 HMP or Discontinue?	Discontinue
If include, revise/reword as appropriate	
If discontinue, explain why	This action has been completed.
A2—Countywide, multi-agency exercises, training	
Hazards Addressed	Emergency Services/Mult-Hazard
Responsible Party	Nevada County Office of Emergency Services
Action Review	
Status	Ongoing Capability
Progress, or obstacles that have prevented implementation	
Next Steps	
Include in the 2024 HMP or Discontinue?	Discontinue
If include, revise/reword as appropriate	
If discontinue, explain why	We continue to do this on a regular basis. Ongoing Capability

A3—Brushing and Debris Chipping	
Hazards Addressed	Multi-Hazard
Responsible Party	Town of Truckee Public Works
Action Review	
Status	In Progress
Progress, or obstacles that have prevented implementation	Workload capacity and funding limitations.
Next Steps	
Include in the 2024 HMP or Discontinue?	Include
If include, revise/reword as appropriate	
If discontinue, explain why	
A4—Conduct URM inventories and identify retrofit projects	
Hazards Addressed	Earthquake
Responsible Party	Town of Truckee Community Development Division and Engineering
Action Review	
Status	No Progress
Progress, or obstacles that have prevented implementation	No funding / workload capacity for previous HMP.
Next Steps	
Include in the 2024 HMP or Discontinue?	Include
If include, revise/reword as appropriate	Needs to be completed in 2024 HMP cycle.
If discontinue, explain why	
A5—Identify solutions to I-80 Gridlock	
Hazards Addressed	Freeze, Cold and Snow
Responsible Party	Truckee Police Department
Action Review	
Status	In Progress
Progress, or obstacles that have prevented implementation	We continue to work on this; however it will likely get wrapped up into the other hazards as more of an evacuation issue.
Next Steps	
Include in the 2024 HMP or Discontinue?	Include
If include, revise/reword as appropriate	Keep wording, specific task.
If discontinue, explain why	

A6—Public Outreach/Preparedness	
Hazards Addressed	Freeze, Cold and Snow/Multi-Hazard
Responsible Party	Local Faith-Based Organizations and other Non-Governmental Organizations (NGO's)
Action Review Status Progress, or obstacles that have prevented implementation	Ongoing Capability
Next Steps Include in the 2024 HMP or Discontinue? If include, revise/reword as appropriate If discontinue, explain why	Discontinue We continue to work on this realizing studies locally have shown average nightly stays are 2-3 nights for visitors meaning we need to continue this outreach on an almost constant basis. Ongoing Capability
A7—Cold Stream/Donner Creek/Donner Pass Rd Bridge Intersection	
Hazards Addressed	Flood
Responsible Party	Town of Truckee Community Development Division and Engineering
Action Review Status Progress, or obstacles that have prevented implementation	Complete N/A- Action Complete
Next Steps Include in the 2024 HMP or Discontinue? If include, revise/reword as appropriate If discontinue, explain why	Discontinue This action has been completed.
A8—Trout Creek Restoration, Reach 4 & 5	
Hazards Addressed	Roadside debris for fire, drainage, and snow removal mitigation
Responsible Party	Town of Truckee Public Works
Action Review Status Progress, or obstacles that have prevented implementation	Complete N/A- Action Complete
Next Steps Include in the 2024 HMP or Discontinue? If include, revise/reword as appropriate If discontinue, explain why	Discontinue This action has been completed.

A9—South Shore Drainage	
Hazards Addressed	Roadside debris for fire, drainage, and snow removal mitigation
Responsible Party	Town of Truckee Public Works
Action Review	
Status	In Progress
Progress, or obstacles that have prevented implementation	
Next Steps	
Include in the 2024 HMP or Discontinue?	Discontinue
If include, revise/reword as appropriate	
If discontinue, explain why	Addressed/combined in other action item (A10)
A10—Donner Lake Area Stormwater Infrastructure Improvements	
Hazards Addressed	Localized Flooding
Responsible Party	Town of Truckee Engineering and Public Works
Action Review	
Status	In Progress
Progress, or obstacles that have prevented implementation	A task force has been formed to look at address issues within Town limits. Additionally, there are issues just outside of Town limits (interstate 80 and hillsides) that are not within Town limits that cannot necessarily be controlled.
Next Steps	
Include in the 2024 HMP or Discontinue?	Include
If include, revise/reword as appropriate	Revise to read: Donner Lake Area Erosion Control and Stormwater Infrastructure Improvement Projects.
If discontinue, explain why	
A11—Glenshire Area Stormwater Infrastructure Improvements	
Hazards Addressed	Localized Flooding
Responsible Party	Town of Truckee Engineering and Public Works
Action Review	
Status	No Progress
Progress, or obstacles that have prevented implementation	Workload capacity and funding limitations.
Next Steps	
Include in the 2024 HMP or Discontinue?	Include
If include, revise/reword as appropriate	Keep wording, specific to task.
If discontinue, explain why	

A12—Sierra Meadows (Old Mill Rd.) Stormwater Infrastructure / Tahoe Donner Stormwater Infrastructure Improvements	
Hazards Addressed	Localized Flooding
Responsible Party	Town of Truckee Engineering and Public Works
Action Review	
Status	No Progress
Progress, or obstacles that have prevented implementation	Workload capacity and funding limitations.
Next Steps	
Include in the 2024 HMP or Discontinue?	Include
If include, revise/reword as appropriate	Merge under stormwater drainage improvements.
If discontinue, explain why	
A13—Tahoe Donner Fuel Break Projects	
Hazards Addressed	Wildfire
Responsible Party	Tahoe Donner Homeowners Association
Action Review	
Status	In Progress
Progress, or obstacles that have prevented implementation	This will need to be a continued effort as the areas that have been treated grow back and new property is added to their portfolio.
Next Steps	
Include in the 2024 HMP or Discontinue?	Include
If include, revise/reword as appropriate	Keep wording, specific to task.
If discontinue, explain why	
A14—Tahoe Truckee Airport Fuel Break Projects (Waddle Ranch Property)	
Hazards Addressed	Wildfire
Responsible Party	Truckee Tahoe Airport District (TTAD)
Action Review	
Status	In Progress
Progress, or obstacles that have prevented implementation	There still remains new and ongoing work to be done.
Next Steps	
Include in the 2024 HMP or Discontinue?	Include
If include, revise/reword as appropriate	Keep wording, project still specific to Waddle Ranch.
If discontinue, explain why	

A15—CWPP Project Implementation	
Hazards Addressed	Wildfire
Responsible Party	Truckee Fire
Action Review	
Status	Complete
Progress, or obstacles that have prevented implementation	
Next Steps	
Include in the 2024 HMP or Discontinue?	Discontinue
If include, revise/reword as appropriate	The CWPP for the TFPD is in the process of being updated. Projects that existed before are being redone and prioritized based on new and updated data. We will likely find new projects based the updated CWPP.
If discontinue, explain why	The CWPP is being updated. No new projects have been identified at this time.
A16—Defensible Space Projects	
Hazards Addressed	Wildfire
Responsible Party	Truckee Fire
Action Review	
Status	Ongoing Capability
Progress, or obstacles that have prevented implementation	
Next Steps	
Include in the 2024 HMP or Discontinue?	Discontinue
If include, revise/reword as appropriate	
If discontinue, explain why	This was designed as a place holder for potential future projects. Based on updated HMP guidelines, projects in this area will likely be refined as new projects going forward.

5.7.2 Additional Mitigation Efforts

Truckee has not undertaken any mitigation efforts since the last HMP other than the mitigation actions from the previous plan.

5.7.3 Proposed Hazard Mitigation Actions for the HMP Update

The action worksheets included at the end of this annex list the mitigation actions that Truckee would like to pursue in the future to reduce the effects of hazards. The actions are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in Town priorities.

Table 5-18 indicates the range of proposed mitigation action categories. The four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table to further demonstrate the wide range of activities and mitigation measures selected.

Volume I identifies 14 evaluation criteria for prioritizing the mitigation actions. To assist with rating each mitigation action as high, medium, or low priority, a numeric rank is assigned (-1, 0, or 1) for each of the evaluation criteria. Table 5-19 provides a summary of the prioritization of all proposed mitigation actions for the HMP update.

TABLE 5-18. ANALYSIS OF MITIGATION ACTIONS BY HAZARD AND CATEGORY

Hazard	Actions That Address the Hazard, by Action Category									
	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Avalanche	X				X					X
Dam Failure	X				X					X
Drought	X				X					X
Earthquake	X	X			X					X
Extreme Cold	X			X	X					X
Extreme Heat	X				X					X
Flood	X	X	X		X	X		X		X
Hazardous Materials Release	X				X					X
Landslide	X				X					X
Wildfire	X		X		X			X		X
Winter Storm	X	X	X	X	X	X		X		X
Volcano	X				X					X

Local Plans and Regulations (LPR)—These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.

Structure and Infrastructure Project (SIP)—These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct structures to reduce the impact of hazards.

Natural Systems Protection (NSP)—These are actions that minimize damage and losses and preserve or restore the functions of natural systems.

Education and Awareness Programs (EAP)—These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities

Preventative Measures (PR)—Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.

Property Protection (PP)—These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.

Public Information (PI)—Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.

Natural Resource Protection (NR)—Actions that minimize hazard loss and preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.

Structural Flood Control Projects (SP)—Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.

Emergency Services (ES)—Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities

TABLE 5-19. SUMMARY OF PRIORITIZATION OF ACTIONS

Project Number	Project Name	Scores for Evaluation Criteria															High / Medium / Low
		Life Safety	Property Protection	Cost-Effectiveness	Political	Legal	Fiscal	Environmental	Social Vulnerability	Administrative	Hazards of Concern	Climate Change	Timeline	Community Lifelines	Other Local Objectives	Total	
2024-Truckee-01	Repetitive Loss Mitigation	1	1	1	0	0	0	1	1	1	0	1	0	0	1	8	Medium
2024-Truckee-02	Substantial Damage Management Plan	1	1	1	0	0	0	1	1	1	1	1	0	1	1	10	Medium
2024-Truckee-03	Roadway Vegetation Management	1	1	1	0	0	0	1	1	1	1	1	0	1	0	9	Medium
2024-Truckee-04	Conduct URM Inventories and Identify Retrofit Projects	1	1	1	0	0	0	1	1	1	0	1	0	1	0	8	Medium
2024-Truckee-05	Identify Solutions to I-80 Gridlock	1	0	1	0	1	1	0	1	1	1	1	0	1	0	9	Medium
2024-Truckee-06	Donner Lake Area Erosion Control and Stormwater Infrastructure Improvement Projects	1	1	1	0	0	0	1	1	1	0	1	0	1	1	9	Medium
2024-Truckee-07	Glenshite Area Stormwater Infrastructure Improvements	1	1	1	0	0	0	1	1	1	0	1	0	1	1	9	Medium
2024-Truckee-08	Tahoe Donner Fuel Break Projects	1	1	1	0	0	0	1	1	1	1	1	0	1	1	10	Medium
2024-Truckee-09	Trout Creek Restoration Reach 1, Phase 2	1	1	1	0	0	0	1	1	1	0	1	0	1	1	9	Medium

Project Number	Project Name	Scores for Evaluation Criteria															High / Medium / Low
		Life Safety	Property Protection	Cost-Effectiveness	Political	Legal	Fiscal	Environmental	Social Vulnerability	Administrative	Hazards of Concern	Climate Change	Timeline	Community Lifelines	Other Local Objectives	Total	
2024-Truckee-10	Public Service Center Transit Facility Expansion	1	0	1	0	0	0	0	1	1	0	1	0	1	0	6	Low
2024-Truckee-11	Public Service Center Vehicle Garages	1	0	1	0	0	0	0	1	1	0	1	0	1	0	6	Low
2024-Truckee-12	Stormwater Drainage Improvements	1	1	1	0	0	0	1	1	1	0	1	0	1	1	9	Medium
2024-Truckee-13	Evacuation Vulnerability, Risk, and Strengthening Assessment	1	1	1	1	1	0	0	1	1	1	1	0	1	1	11	High
2024-Truckee-14	Sierra Meadows (Old Mill Rd.) Stormwater Infrastructure Improvements	1	1	1	0	0	0	1	1	1	0	1	0	1	1	9	Medium
2024-Truckee-15	Tahoe Donner Stormwater Infrastructure Improvements	1	1	1	0	0	0	1	1	1	0	1	0	1	1	9	Medium

Note: Volume I, Section 6 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-6), Medium (7-10), High (11-14).

2024-TRUCKEE-01. REPETITIVE LOSS MITIGATION

Lead Agency:	Community Development Department
Supporting Agencies:	Private homeowners
Hazards of Concern:	<input type="checkbox"/> Avalanche <input checked="" type="checkbox"/>Flood <input type="checkbox"/> Dam Failure <input type="checkbox"/>Hazardous Materials Release <input type="checkbox"/> Drought <input type="checkbox"/>Landslide <input type="checkbox"/> Earthquake <input type="checkbox"/>Wildfire <input type="checkbox"/> Extreme Cold <input type="checkbox"/>Winter Storms <input type="checkbox"/> Extreme Heat <input type="checkbox"/>Volcano
Description of the Problem:	Frequent flooding events have resulted in damages to residential properties. These properties have been repetitively flooded as documented by paid NFIP claims. The Town of Truckee has 1 repetitive loss property, but other properties may be impacted by flooding as well.
Description of the Solution:	Conduct outreach to 10 flood-prone property owners, including repetitive loss/severe repetitive loss property owners and provide information on mitigation alternatives. After preferred mitigation measures are identified, collect required property-owner information, and develop a FEMA grant application and BCA to obtain funding to implement acquisition/purchase/moving/elevating residential homes in the flood prone areas that experience frequent flooding (high risk areas).
Estimated Cost:	High
Potential Funding Sources:	BRIC, FMA, HMGP, match from property owners
Implementation Timeline:	Within 5 years
Goals Met:	6, 10
Benefits:	Eliminates flood damage to homes and residences, which creating an open space for the municipality and increasing flood storage.
Impact on Socially Vulnerable Populations:	Removing homes from the floodplain immediately removes the risk to life and property. Socially vulnerable populations may be able to have houses elevated or acquired when it would otherwise be unaffordable.
Impact on Future Development:	Increased outreach to homeowners within a flood prone area will limit construction in areas that are prone to hazard events. Homes may be acquired, which will remove those structures from the floodplain and prevent future development on those sites.
Impact on Critical Facilities/Lifelines:	Removing structures from the floodplain decreases the demand on utilities and emergency services including health and medical, law enforcement, and search and rescue.
Impact on Capabilities:	Removing the risk from the immediate floodplain via acquisition of properties will free up resources for search and rescue and other emergency operations as needed.
Climate Change Considerations:	Climate change is likely to increase the frequency and severity of severe rainfall, flash flooding, riverine flooding, and coastal flooding from sea level rise and storm surge events. Removing structures from the floodplain will reduce the response and recovery costs as a result of these events and decrease the loss of human life as a result of these events. Elevating structures will reduce the recovery costs as a result of these events.

Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input checked="" type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-02. SUBSTANTIAL DAMAGE MANAGEMENT PLAN

Lead Agency:	Town of Truckee Planning Department
Supporting Agencies:	
Hazards of Concern:	<input checked="" type="checkbox"/> Avalanche <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Cold <input checked="" type="checkbox"/> Extreme Heat <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hazardous Materials Release <input checked="" type="checkbox"/> Landslide <input checked="" type="checkbox"/> Wildfire <input checked="" type="checkbox"/> Winter Storms <input checked="" type="checkbox"/> Volcano
Description of the Problem:	<p>Officials in NFIP-participating communities are responsible for regulating all development in SFHAs by issuing permits and enforcing local floodplain requirements, including Substantial Damage, for the repairs of damaged buildings. After any disaster event, they must:</p> <ul style="list-style-type: none"> • Determine where the damage occurred within the community and if the damaged structures are in an SFHA. • Determine what to use for “market value” and cost to repair; uniformly applying regulations will protect against liability and promote equitable administration. • Determine if repairing plus improving the damaged structure equals or exceeds 50% of the structure’s pre-damage value. • Require permits for floodplain development. <p>The Town of Truckee does not have a Substantial Damage Management Plan in place, nor do they have a formal process in place when conducting substantial damage determinations. The Town of Truckee is in need of a formal process and plan to provide a framework for conducting such inspections and determinations. Such a plan will enable the City to assist property owners to implement mitigation measures or construction techniques that reduce the future risk to physical property damage caused avalanches, dam failures, drought, flooding, earthquakes, extreme cold and heat events, hazardous materials releases, landslides, wildfires, winter storms and volcano events.</p>
Description of the Solution:	<p>The Town of Truckee will develop a Substantial Damage Management Plan, following the six step planning process in 2021 <i>Developing a Substantial Damage Management Plan</i> (https://crsresources.org/files/500/developing_subst_damage_mgmt_plan.pdf). This plan will outline responsibilities for Substantial Damage determinations, determining market value, and permit approval processes following a disaster event.</p>
Estimated Cost:	Low
Potential Funding Sources:	General Fund
Implementation Timeline:	Within 5 years
Goals Met:	1,2,3,4,5,6,7,8,9,10
Benefits:	This plan will provide a process in making Substantial Damage Determinations and allow the municipality to make these determinations and meet NFIP requirements more quickly.

Impact on Socially Vulnerable Populations:	Substantially damaged structures are required to be rebuilt to be compliance with current codes. Socially vulnerable populations may not have the financial means to make these improvements. This action may allow for the identification of potential resources to address substantial damages to structures owned by socially vulnerable populations.	
Impact on Future Development:	A Substantial Damage Management Plan would include all existing, current, and future development in the municipality.	
Impact on Critical Facilities/Lifelines:	A Substantial Damage Management Plan would include all critical facilities and lifelines in the municipality.	
Impact on Capabilities:	This action improves disaster recovery capabilities.	
Climate Change Considerations:	Climate change is likely to increase the intensity and frequency of many climate related disaster events. This action provides additional planning for disaster recovery.	
Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-03. ROADWAY VEGETATION MANAGEMENT

Lead Agency:	Town of Truckee Public Works	
Supporting Agencies:	-	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input checked="" type="checkbox"/> Wildfire <input checked="" type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	The Town of Truckee is responsible for maintaining approximately 150 miles of roadway. Among these, about 30 miles of roadway require maintenance to clear debris from the areas adjacent to the roadways. These specific areas have been identified as “Fuel Modifications Zones” according to the Nevada County and Town of Truckee Standard Specifications. Excessive vegetation can elevate the risk for erosion or structural damage when flooding or winter storms occur and also can become wildfire fuel, should one ignite.	
Description of the Solution:	The Town of Truckee Public Works will remove and collect debris within the ditches and right of way.	
Estimated Cost:	High	
Potential Funding Sources:	General Fund	
Implementation Timeline:	Within 5 years	
Goals Met:	2, 3, 6, 7, 8, 9	
Benefits:	By maintaining the approximately 30 miles of roadway in the Town of Truckee, the project ensures an additional layer of safety for hundreds of homes. Specifically, it mitigates the risk of roadside ignition fires, potentially safeguarding an average of three homes from fire hazards.	
Impact on Socially Vulnerable Populations:	By removing hazardous debris, this project prioritizes the safety of socially vulnerable populations by reducing the risks of natural hazards.	
Impact on Future Development:	Clearing debris contributes to sustainable development. It ensures safer neighborhoods and encourages investment in areas where fire risk is minimized.	
Impact on Critical Facilities/Lifelines:	Unobstructed paths for natural drainage protect critical lifelines. Emergency response routes remain accessible, even during adverse conditions.	
Impact on Capabilities:	This project strengthens the Town’s resilience. By reducing fire fuel on Open Space Parcels, it enhances our ability to safeguard communities and maintain essential services.	
Climate Change Considerations:	Climate change can lead to intense wildfires and rain conditions. This project can help mitigate the risk of fire spreading and flooding to communities.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input checked="" type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input checked="" type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-04. CONDUCT URM INVENTORIES AND IDENTIFY RETROFIT PROJECTS

Lead Agency:	Town of Truckee Community Development Division and Engineering	
Supporting Agencies:	-	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input checked="" type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	The downtown core historical district area in Truckee contains predominantly wood frame construction or newer concrete commercial buildings. However, there is a possibility that several Unreinforced Masonry (URM) buildings exist, which pose a hazard during earthquakes due to their structural vulnerability.	
Description of the Solution:	The Town of Truckee Community Development Division and Engineering will conduct a survey and inventory of any URM buildings in the Town.	
Estimated Cost:	High	
Potential Funding Sources:	General Fund, local bond measures	
Implementation Timeline:	Within 5 years	
Goals Met:	1,2,3,6,7,8	
Benefits:	By addressing URM buildings, the project aims to reduce the risk of property loss and mitigate potential business revenue losses in the downtown core historical district.	
Impact on Socially Vulnerable Populations:	By retrofitting or replacing URM buildings, the safety and well-being of residents, workers, and visitors in the area are enhanced.	
Impact on Future Development:	The preservation of historic structures can be balanced with modern safety standards, allowing for sustainable growth.	
Impact on Critical Facilities/Lifelines:	A retrofitted structure will provide a safe and secure location for first responders and emergency management to stage resources and plan response tactics during high wind events.	
Impact on Capabilities:	The Town's resilience will increase as it becomes better prepared for earthquakes.	
Climate Change Considerations:	Climate change can lead to increased seismic activity due to shifts in tectonic plates and geological processes.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-05. IDENTIFY SOLUTIONS TO I-80 GRIDLOCK

Lead Agency:	Town of Truckee Police Department
Supporting Agencies:	Cal-Trans, CHP
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/>Flood <input type="checkbox"/> Dam Failure <input type="checkbox"/>Hazardous Materials Release <input type="checkbox"/> Drought <input type="checkbox"/>Landslide <input type="checkbox"/> Earthquake <input type="checkbox"/>Wildfire <input checked="" type="checkbox"/> Extreme Cold <input checked="" type="checkbox"/>Winter Storms <input type="checkbox"/> Extreme Heat <input type="checkbox"/>Volcano
Description of the Problem:	The Town of Truckee, known for its extreme cold and heavy snowfall, faces blizzard-like conditions. The town hosts a major Interstate freeway, where over 2,500 vehicles travel during peak hours. Closure of the freeway results in significant commerce losses (over \$1,000,000.00 per hour). Despite Cal-Trans' efforts, independent truckers and small companies persistently enter the area during closures, causing gridlock. Regular vehicle traffic also attempts risky crossings, leading to search and rescue operations.
Description of the Solution:	The Town of Truckee Police Department will conduct community surveys and stakeholder meetings to identify potential solutions and alternative routes when I-80 closes over Donner Summit during extreme weather conditions.
Estimated Cost:	Medium
Potential Funding Sources:	General Fund
Implementation Timeline:	Within 5 years
Goals Met:	1,2,3,6,7,8,9,10
Benefits:	Addressing long-duration Interstate closures directly impacts commerce by preventing potential losses of approximately \$1,000,000.00 per hour. By identifying alternative solutions and workarounds during closures, the Town can mitigate these economic effects and enhance overall community resilience.
Impact on Socially Vulnerable Populations:	Community surveys and stakeholder meetings involve local residents, including vulnerable populations, to consider their needs and safety concerns. Valuable insights from individuals with mobility challenges or limited resources enhance emergency preparedness.
Impact on Future Development:	A resilient transportation system contributes to sustainable growth and economic vitality.
Impact on Critical Facilities/Lifelines:	Emergency services can continue during I-80 closures using alternative routes.
Impact on Capabilities:	Engaging with stakeholders fosters collaboration, allowing for better decision-making and resource allocation during closures.
Climate Change Considerations:	The project must consider climate resilience when planning alternative routes, accounting for changing weather patterns.
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/>Natural Systems Protection (NSP) <input type="checkbox"/> Structure and Infrastructure Project (SIP) <input checked="" type="checkbox"/>Education and Awareness Programs (EAP)

CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-06. DONNER LAKE AREA EROSION CONTROL AND STORMWATER INFRASTRUCTURE IMPROVEMENT PROJECTS

Lead Agency:	Town of Truckee Engineering and Public Works	
Supporting Agencies:	-	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	During storm events, various areas around Donner Lake suffer localized damage, including hillside erosion, minor property damage from water intrusion into structures, and sediment loading into drainages that ultimately reaches Donner Lake. A task force has been established to address issues within Town limits, but challenges remain for areas just outside the Town limits (such as Interstate 80 and hillsides) that are beyond direct control.	
Description of the Solution:	The Town of Truckee Engineering and Public Works will repair and enhance existing stormwater infrastructure. Improvements will prevent road damage, prevent sediment discharge into Donner Lake, and allow uninterrupted access to homes and businesses.	
Estimated Cost:	High	
Potential Funding Sources:	BRIC, HMGP	
Implementation Timeline:	Within 5 years	
Goals Met:	1,3,6,7,8,9	
Benefits:	This project will provide flood protection for town roads and private properties.	
Impact on Socially Vulnerable Populations:	Residents, especially those with limited resources, will experience improved safety during storm events.	
Impact on Future Development:	Reliable infrastructure encourages future development and investment in the area.	
Impact on Critical Facilities/Lifelines:	Preventing road damage ensures uninterrupted access to homes, businesses, and emergency services.	
Impact on Capabilities:	The project enhances the town's ability to withstand extreme weather events.	
Climate Change Considerations:	Climate change is likely to result in more frequent and severe rainfall events. This action addresses upgrades needed to meet changing stormwater needs as the result of climate change.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-07. GLENSHIRE AREA STORMWATER INFRASTRUCTURE IMPROVEMENTS

Lead Agency:	Town of Truckee Engineering and Public Works	
Supporting Agencies:	-	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	During storm events, areas around Glenshire, especially those near greenbelts, suffer localized damage. This includes minor property damage due to water intrusion into structures and roadway damage.	
Description of the Solution:	The Town of Truckee Engineering and Public Works will repair and enhance existing stormwater infrastructure. Improvements will prevent road and private property damages and allow uninterrupted access to homes.	
Estimated Cost:	High	
Potential Funding Sources:	BRIC, HMGP	
Implementation Timeline:	Within 5 years	
Goals Met:	1,3,6,7,8,9	
Benefits:	This project will increase flood protection for town roads and private properties, creating a more resilient community.	
Impact on Socially Vulnerable Populations:	Improved stormwater management ensures the well-being of socially vulnerable populations during extreme weather events.	
Impact on Future Development:	Reliable infrastructure encourages future development and investment in the area.	
Impact on Critical Facilities/Lifelines:	Preventing road damage ensures uninterrupted access to homes, businesses, and emergency services.	
Impact on Capabilities:	By preventing road damage and localized flooding, this project will enhance community resilience.	
Climate Change Considerations:	Given the likelihood of more frequent and severe rainfall events due to climate change, this project's infrastructure upgrades will effectively address the changing stormwater requirements.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-08. TAHOE DONNER FUEL BREAK PROJECTS

Lead Agency:	Tahoe Donner Homeowners Association	
Supporting Agencies:	Truckee Fire Protection District	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input checked="" type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	Tahoe Donner Homeowners Association is one of the largest in the nation representing over 6,000 residential properties. Several historical fires have either threatened or burned through the land that the HOA occupies. Additionally, only two exit routes exist for the HOA, presenting evacuation challenges should a fire impact the area.	
Description of the Solution:	Construct robust fuel breaks to limit or slow the spread of an encroaching wildfire, with a focus on the western portion of the HOA due to prevailing wind direction and historical fire spread.	
Estimated Cost:	Medium	
Potential Funding Sources:	BRIC, HMGP, Tahoe Donner Homeowners Association Funding	
Implementation Timeline:	Within 5 years	
Goals Met:	2,3,5,6,7,8,9	
Benefits:	By creating fuel breaks within and adjacent to the Tahoe Donner HOA in the Town of Truckee, the project ensures an additional layer of safety for thousands of homes. Specifically, it mitigates the risk of an external fire spreading to the Town.	
Impact on Socially Vulnerable Populations:	Improved protection from wildfire increases the well-being of socially vulnerable populations during wildfires.	
Impact on Future Development:	Improved protection from wildfires encourages future development and investment in the area and can improve insurability challenges.	
Impact on Critical Facilities/Lifelines:	Several critical facilities are located within Tahoe Donner, and the action will limit the impact a wildfire can have on these facilities. A fire spreading through Tahoe Donner could result in an impact to critical facilities and lifelines located to the east of the HOA.	
Impact on Capabilities:	By creating fuel breaks within and adjacent to the Tahoe Donner HOA in the Town of Truckee, the project ensures an additional layer of safety for thousands of homes. Specifically, it mitigates the risk of an external fire spreading to the Town.	
Climate Change Considerations:	Climate change can lead to intense wildfires conditions. This project can help mitigate the risk of fire spreading to communities.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input checked="" type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input checked="" type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-09. TROUT CREEK RESTORATION REACH 1, PHASE 2

Lead Agency:	Town of Truckee Public Works Engineering Division	
Supporting Agencies:		
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	Trout Creek is a major drainage (blue line stream) through central Truckee. The watershed has been highly developed, and the stream channel has been altered and impacted by the development. The alteration has increased flooding potential and decreased the natural ability of the stream system to carry storm event flows.	
Description of the Solution:	The Town of Truckee Public Works Engineering Division will widen, deepen, and restore Trout Creek between Phase 1 of Reach 1 east of School Street to north of Jibboom Street. This project includes replacement of 2 bridges and would restore the ecological function of the creek in addition to improving flood control (the 100 year storm current overtops the southern banks of the creek).	
Estimated Cost:	High	
Potential Funding Sources:	BRIC, HMGP, Local Funding, Developer Funding	
Implementation Timeline:	Within 5 years	
Goals Met:	1,3,6,7,8,9	
Benefits:	The Trout Creek project benefits the community by safeguarding lives, supporting development, and enhancing the town’s overall capabilities.	
Impact on Socially Vulnerable Populations:	By improving flood control, the project reduces the risk of flooding in residential areas, benefiting vulnerable populations.	
Impact on Future Development:	Ecological restoration contributes to a sustainable and attractive community, which can attract investment and development.	
Impact on Critical Facilities/Lifelines:	Flood control measures protect critical infrastructure (roads, utilities, etc.) during extreme weather events.	
Impact on Capabilities:	A well-functioning creek system enhances the town’s resilience against natural disasters.	
Climate Change Considerations:	Rising temperatures and extreme weather events impact infrastructure durability.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input checked="" type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input checked="" type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-10. PUBLIC SERVICE CENTER TRANSIT FACILITY EXPANSION

Lead Agency:	Town of Truckee Department of Public Works Transportation Division	
Supporting Agencies:	-	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input checked="" type="checkbox"/> Wildfire <input checked="" type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	Address the challenges arising from increased transit usage and ridership in the Town, which reduces reliance on personal vehicles. The need for maintenance and storage space applies to both the current transit fleet and future expansion. Additionally, the inclusion of electric charging infrastructure is essential for transitioning the Town’s transit fleet from fossil fuel to clean electric power. Furthermore, indoor storage facilities are necessary to improve vehicle longevity, provide sheltered servicing, and eliminate the need to retrieve vehicles from outdoor storage during storm events. Ensuring readiness for emergency deployment during evacuations is a critical consideration.	
Description of the Solution:	Town of Truckee Department of Public Works Transportation Division will implement this project through a strategic approach that addresses facility planning and construction of the storage facility and electric charging infrastructure.	
Estimated Cost:	High	
Potential Funding Sources:	BRIC, Local Funding	
Implementation Timeline:	Within 5 years	
Goals Met:	1,2,3,8	
Benefits:	The coordinated efforts of the Transportation Division for this project will enhance transit operations, promote sustainability, and contribute to community safety.	
Impact on Socially Vulnerable Populations:	Reduced reliance on personal vehicles ensures that all residents, including those with limited mobility, have access to essential services.	
Impact on Future Development:	Adequate maintenance and storage facilities support future expansion of the transit fleet.	
Impact on Critical Facilities/Lifelines:	Indoor storage ensures that transit vehicles remain operational during storms or other emergencies.	
Impact on Capabilities:	Electric charging infrastructure reduces reliance on fossil fuels, benefiting both the environment and the community.	
Climate Change Considerations:	The increasing frequency and intensity of storms due to climate change highlights the importance of indoor storage facilities for vehicles. These facilities ensure that transit vehicles remain ready for deployment during emergencies.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)

CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)
Priority	Low	

2024-TRUCKEE-11. PUBLIC SERVICE CENTER VEHICLE GARAGES

Lead Agency:	Town of Truckee Department of Public Works Engineering Division	
Supporting Agencies:	-	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input type="checkbox"/> Wildfire <input checked="" type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	The Public Service Center on Stevens Lane needs additional equipment and vehicle storage garages for Public Works vehicles to ensure they are operational and accessible during winter storms.	
Description of the Solution:	Construct additional equipment and vehicle storage garages on the Public Service Center property on Stevens Lane. Additional storage for the Public Works maintenance vehicles will improve service and cost savings will result in less staff time removing snow from parked vehicles (greatly improving the readiness of the fleet) and reduce maintenance delays and repair costs associated with vehicles being parked outside.	
Estimated Cost:	High	
Potential Funding Sources:	BRIC, Local Funding	
Implementation Timeline:	Within 5 years	
Goals Met:	1,2,3,8	
Benefits:	This improvement benefits Public Works maintenance vehicles by enhancing service efficiency, reducing snow removal time, and minimizing maintenance delays and repair costs associated with outdoor parking.	
Impact on Socially Vulnerable Populations:	Minimized maintenance delays and repair costs mean more reliable services, benefiting vulnerable residents.	
Impact on Future Development:	The new garages ensure that maintenance vehicles are well-maintained and ready for service. This supports future development by providing reliable equipment.	
Impact on Critical Facilities/Lifelines:	A readily available fleet improves emergency response capabilities. During crises, quick deployment of maintenance vehicles is essential.	
Impact on Capabilities:	Maintenance delays are reduced, ensuring smoother operations and better service delivery.	
Climate Change Considerations:	This project will consider the potential impact of climate change on snowfall amounts and resulting delays.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input checked="" type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Low	

2024-TRUCKEE-12. STORMWATER DRAINAGE IMPROVEMENTS

Lead Agency:	Town of Truckee Department of Public Works Engineering Division	
Supporting Agencies:	-	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	Identify and address insufficient stormwater drains that struggle to handle heavy rainfall or runoff due to poor drainage. The consequences include flooding, property damage, and safety hazards.	
Description of the Solution:	Town of Truckee Department of Public Works Engineering Division, on an annual basis, evaluate and repair or enhance various stormwater infrastructure throughout the Town to improve drainage and flood attenuation and treatment.	
Estimated Cost:	High	
Potential Funding Sources:	BRIC, HMGP, Local Funding	
Implementation Timeline:	Within 5 years	
Goals Met:	1,3,6,7,8,9	
Benefits:	Reduction in flood risk, stormwater flood damage, maintains emergency access.	
Impact on Socially Vulnerable Populations:	Improved drainage reduces localized flooding, benefiting vulnerable residents.	
Impact on Future Development:	Upgraded infrastructure supports long-term development by mitigating flood risks.	
Impact on Critical Facilities/Lifelines:	Effective stormwater management ensures readiness during extreme weather events.	
Impact on Capabilities:	The project contributes to community resilience, economic prosperity, and the well-being of residents by addressing stormwater challenges.	
Climate Change Considerations:	Climate change leads to more intense rainfall events. The project must account for this by designing robust drainage systems capable of handling higher volumes of water.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input checked="" type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input checked="" type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-13. EVACUATION VULNERABILITY, RISK, AND STRENGTHENING ASSESSMENT

Lead Agency:	Town of Truckee
Supporting Agencies:	Truckee Fire Protection District
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/>Flood <input type="checkbox"/> Dam Failure <input checked="" type="checkbox"/>Hazardous Materials Release <input type="checkbox"/> Drought <input type="checkbox"/>Landslide <input type="checkbox"/> Earthquake <input checked="" type="checkbox"/>Wildfire <input type="checkbox"/> Extreme Cold <input type="checkbox"/>Winter Storms <input type="checkbox"/> Extreme Heat <input type="checkbox"/>Volcano
Description of the Problem:	The Town of Truckee, like many California communities with wildland-urban-interface and intermix, faces the threat of a fast-moving wildfire impacting the built environment and the challenge of evacuating residents and visitors from the threat. As a result, recent state legislation has required local governments to (1) identify residential developments in Very High Fire Hazard Severity Zones that do not have at least two emergency evacuation routes and develop feasible mitigation strategies, which may include alternative methods of evacuation, and (2) Identify evacuation routes and their capacity, safety, and viability under a range of emergency scenarios, and identify existing roadways used as evacuation routes that are not compliant with current Fire Safe Regulations (14 CCR § 1270.00) for roadway standards and develop a plan to bring those roadways into conformance. The town has not completed a thorough vulnerability, risk, and strengthening assessment for evacuations which is needed to improve public safety and meet legislative requirements.
Description of the Solution:	Conduct a town-wide Evacuation Vulnerability, Risk, and Strengthening Assessment to identify existing barriers and strategies to mitigate identified vulnerabilities and risks.
Estimated Cost:	High
Potential Funding Sources:	HMGP, Local Budget, Homeowner Association Funding
Implementation Timeline:	Within 5 years
Goals Met:	1,2,3,4,5,6,7,8,9,10
Benefits:	Improved public safety by identifying feasible evacuation-strengthening strategies that can later be implemented.
Impact on Socially Vulnerable Populations:	Vulnerable Populations are often most at risk during large-scale evacuations. This assessment will also prioritize socially vulnerable populations including those with access and functional needs.
Impact on Future Development:	Improved evacuation capabilities will encourage future development and investments.
Impact on Critical Facilities/Lifelines:	Improved evacuation capabilities will allow for improved access for emergency response resources used to protect both critical infrastructure and community lifelines.
Impact on Capabilities:	This project will improve the Town’s ability to safely and efficiently evacuate populations out of harm’s way, while simultaneously improve access for emergency response resources used to address the hazard.
Climate Change Considerations:	Climate change can lead to intense wildfires conditions. This project can help mitigate the life threat that wildfires can pose to populated residential areas.

Mitigation Category	<input checked="" type="checkbox"/> Local Plans and Regulations (LPR) <input type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input checked="" type="checkbox"/> Emergency Services (ES)
Priority	High	

2024-TRUCKEE-14. SIERRA MEADOWS (OLD MILL RD.) STORMWATER INFRASTRUCTURE IMPROVEMENTS

Lead Agency:	Town of Truckee Engineering and Public Works	
Supporting Agencies:	Truckee Fire Protection District	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	During storm events, areas around Sierra Meadows, especially on Old Mill Road, experience localized damage. This includes minor property damage from water intrusion into structures and roadway damage, disrupting access to homes.	
Description of the Solution:	Repair, restore, and enhance the existing stormwater infrastructure to prevent road and private property damage. These improvements will ensure uninterrupted access to homes during storm events.	
Estimated Cost:	High	
Potential Funding Sources:	HMGP, BRIC, Facility Impact Fees	
Implementation Timeline:	Within 5 years	
Goals Met:	1,3,6,7,8,9	
Benefits:	This project will provide flood protection for town roads and private properties.	
Impact on Socially Vulnerable Populations:	Residents, especially those with limited resources, will experience improved safety during storm events.	
Impact on Future Development:	Reliable infrastructure encourages future development and investment in the area.	
Impact on Critical Facilities/Lifelines:	Preventing road damage ensures uninterrupted access to homes, businesses, and emergency services.	
Impact on Capabilities:	The project enhances the town’s ability to withstand extreme weather events.	
Climate Change Considerations:	Climate change is likely to result in more frequent and severe rainfall events. This action addresses upgrades needed to meet changing stormwater needs as the result of climate change.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Medium	

2024-TRUCKEE-15. TAHOE DONNER STORMWATER INFRASTRUCTURE IMPROVEMENTS

Lead Agency:	Town of Truckee Engineering and Public Works	
Supporting Agencies:	-	
Hazards of Concern:	<input type="checkbox"/> Avalanche <input type="checkbox"/> Dam Failure <input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Cold <input type="checkbox"/> Extreme Heat	<input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hazardous Materials Release <input type="checkbox"/> Landslide <input type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storms <input type="checkbox"/> Volcano
Description of the Problem:	During storm events, many areas around Tahoe Donner experience localized damage, including hillside erosion, minor property damage from water intrusion into structures, and roadway damage. This damage disrupts access to homes and contributes to sediment discharge into Trout Creek and Alder Creek.	
Description of the Solution:	Repair and enhance the existing stormwater infrastructure to prevent road damage, hillside erosion, and sediment discharge into Trout Creek and Alder Creek. These improvements will ensure uninterrupted access to homes during storm events.	
Estimated Cost:	High	
Potential Funding Sources:	HMGP, BRIC, Stormwater Prop 1	
Implementation Timeline:	Within 5 years	
Goals Met:	1,3,6,7,8,9	
Benefits:	This project will increase flood protection for town roads and private properties, creating a more resilient community.	
Impact on Socially Vulnerable Populations:	Improved stormwater management ensures the well-being of socially vulnerable populations during extreme weather events.	
Impact on Future Development:	Reliable infrastructure encourages future development and investment in the area.	
Impact on Critical Facilities/Lifelines:	Preventing road damage ensures uninterrupted access to homes, businesses, and emergency services.	
Impact on Capabilities:	By preventing road damage and localized flooding, this project will enhance community resilience.	
Climate Change Considerations:	Given the likelihood of more frequent and severe rainfall events due to climate change, this project's infrastructure upgrades will effectively address the changing stormwater requirements.	
Mitigation Category	<input type="checkbox"/> Local Plans and Regulations (LPR) <input checked="" type="checkbox"/> Structure and Infrastructure Project (SIP)	<input type="checkbox"/> Natural Systems Protection (NSP) <input type="checkbox"/> Education and Awareness Programs (EAP)
CRS Category	<input checked="" type="checkbox"/> Preventative Measures (PR) <input type="checkbox"/> Property Protection (PP) <input type="checkbox"/> Public Information (PI)	<input type="checkbox"/> Natural Resource Protection (NR) <input type="checkbox"/> Structural Flood Control Projects (SP) <input type="checkbox"/> Emergency Services (ES)
Priority	Medium	

References

- CABY. 2024. *Washington County Water District: Infrastructure Reliability, Conservation, and Efficiency Program*. Consumnes, American, Bear & Yuba River Integrated Regional Water Management. <https://cabyregion.org/projects/2011-implementation-projects/washington-county-water-district-infrastructure-reliability-conservation-and-efficiency-program/>.
- City of Grass Valley. 2023. *History of Grass Valley*. Accessed 2024. <https://www.cityofgrassvalley.com/history-0>.
- FEMA. 2021. *Collaborative Community Resilience: Multi-Jurisdictional Hazard Mitigation Planning*. Federal Emergency Management Agency. February 11. Accessed December 2023. <https://www.fema.gov/case-study/collaborative-community-resilience-multi-jurisdictional-hazard-mitigation-planning>.
- Geospatial Innovation Facility. n.d. *Maps of Projected Change*. Geospatial Innovation Facility at the University of California, Berkely. Accessed November 21, 2024. <https://cal-adapt.org/tools/maps-of-projected-change>.
- IPCC. 2022. "Glossary." *IPCC_AR6_WGII_Annex-II*. Intergovernmental Panel on Climate Change. Accessed 2023. doi:10.1017/9781009325844.029.
- NCCFD. 2024. *District History*. Nevada County Consolidated Fire. Accessed 2024. <https://www.nccfire.com/district-history>.
- NCPA. n.d. *Truckee Donner Public Utility District*. Northern California Power Agency. Accessed 2024. <https://www.ncpa.com/about/ncpa-members/truckee-donner-pud/>.
- Nevada County GIS. 2020. *Community Boundaries, Nevada County, California, 2020*. Nevada County Geographic Information Systems. Accessed 2024. <https://hgl.harvard.edu/catalog/stanford-jv998wc1572>.
- Nevada County OES. 2023. *Wildfire Hazard Assessment*. Memorandum. June 2023, Nevada County Office of Emergency Services.
- NID. 2024. *About Us*. <https://www.nidwater.com/about-us>.
- USACE. n.d. *National Inventory of Dams*. Accessed August 29, 2022. <https://nid.sec.usace.army.mil/#/dams/>.

APPENDIX A: Participating Jurisdiction Letters of Intent

12/01/2023

Paul Cummings
Nevada County Office of Emergency Services
Nevada City, CA
Via email

Re: Letter of Commitment as a Participating Jurisdiction in the Nevada County Multi-Jurisdictional Local Hazard Mitigation Plan

Dear Nevada County Office of Emergency Services,

As the Federal Emergency Management Agency's (FEMA) Local Hazard Mitigation Plan (LHMP) requirements under 44 CFR §201.6 identify criteria for multi-jurisdictional mitigation plans including the participation and collaboration of regional planning and mitigation partners, this letter of commitment is submitted to confirm the Town of Truckee's participation in the Nevada County Multi-Jurisdictional LHMP update as a Planning Partner.

As a condition of participation, Town of Truckee agrees to meet the requirements for mitigation plans identified in 44 CFR §201.6, and to provide timely cooperation and participation to produce a FEMA-approved LHMP with the County of Nevada.

Town of Truckee understands that it must engage in the following planning processes, as detailed in FEMA's Local Multi-Hazard Mitigation Planning Guidance dated April 19, 2023. Planning processes include, but are not limited to the following:

- Review of existing Nevada County Multi-Jurisdictional Local Hazard Mitigation Plan
- Identification of local hazards, risk assessment, and vulnerability analysis
- Participation in the formulation of mitigation goals and actions
- Participation in community engagement and public outreach in the development of the Plan update
- Timely response to requests for information by the coordinating agency and consultants, and adherence to established deadlines
- Formal adoption of the Multi-jurisdictional Local Hazard Mitigation Plan update by the Planning Partner jurisdiction's governing body
- Tracking and monthly submission of personnel hours spent on the hazard mitigation planning effort

Executed this 1st day of December 2023

Robert Womack
Signature