COUNTY OF SAN MATEO
EMERGENCY MANAGEMENT

Local Hazard Mitigation Plan

San Mateo County, California

San Mateo Resource Conservation District Annex

2026

DRAFT

smcgov.org/dem/multijurisdictional-local-hazard-mitigation-plan

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This Annex details the hazard mitigation elements specific to the San Mateo Resource Conservation District (SMRCD), a participating jurisdiction of the 2026 San Mateo County Local Hazard Mitigation Plan (LHMP or the Plan) update. This Annex is not intended to be a standalone document but supplements the information contained in **Volume 1 (Countywide Planning Elements)**. Therefore, all sections of **Volume 1**, including the planning process, hazard identification and risk assessment, mitigation strategy (includes mitigation goals and objectives), and plan maintenance, apply to and were met by SMRCD. This Annex provides additional information specific to the District, with a focus on providing further details on the hazard risk assessment and mitigation strategy (i.e., mitigation actions) for this community.

1. HAZARD MITIGATION LOCAL PLANNING TEAM

The following individuals have been identified as the SMRCD Local Planning Team for the 2026 LHMP. These individuals participated in all aspects of the planning process and developed a risk and vulnerability assessment, capability assessment, and mitigation strategy (including mitigation actions) specific to the jurisdiction.

Name	Title	Department
Joe Issel	Director of Stewardship	San Mateo Resource Conservation District
Clarissa Maciel	Conservation Associate	San Mateo Resource Conservation District
Timothy Federal	Senior Program Manager	San Mateo Resource Conservation District

2. JURISDICTION PROFILE

SMRCD is a special district providing comprehensive, integrated conservation services to landowners and land managers, technical advisors, local jurisdictions, government agencies, and others in San Mateo County to help them be part of the solution to pressing natural resources issues through non-regulatory pathways.

The district covers over 157,000 acres in the western, coastal half of the County, including all watersheds within the County that drain into the Monterey Bay National Marine Sanctuary, and is enabled to work in areas outside of district boundaries as appropriate. The geographic extent of this area generally spans from the City and County of San Francisco boundary to the north to the Santa Cruz County line to the south. It is important to note that even with its current boundaries, the District can and does serve landowners and land managers, local jurisdictions, government agencies, and others throughout San Mateo County. The SMRCD boundaries only limit the District's tax base, not its service area.

2.1. Brief History

In 1939, visionary farmers in San Mateo County formed the first conservation district in California and one of the first in the nation. The Dust Bowl crisis had just destroyed millions of acres of cropland due to drought and subsequent soil loss. In response, the United States Department of Agriculture (USDA) established the Soil Conservation Service (later renamed the Natural Resources Conservation Service, or NRCS). Local counterparts were established across the nation to ensure that local priorities were met.

Thus, conservation districts were born. From the Dust Bowl of yesteryear to climate change today, resource conservation districts have been partners to those seeking to best manage natural resources.

2.2. Governing Body Format

SMRCD is governed by a five (5) member Board of Directors, each of whom serves as a volunteer appointed by the San Mateo County Board of Supervisors. The District currently employs a staff of 30. SMRCD derives its powers and purpose from State law and functions independently of County government. It leverages a small property tax base of approximately ~~$80,000~~ annually to attract diverse public and private funds through grants, interagency agreements, service contracts, and donations, among others ~~(between $12 million and $20 million annually~~).

The Board of Directors assumes responsibility for adopting this Plan, and the Executive Director will oversee its implementation.

2.3. Population

SMRCD serves the entire population of San Mateo County, which is more than 743,568 in 2025.[1]

2.4. Assets

Table 1 summarizes the District's critical assets and their values.

Table 1. San Mateo Resource Conservation District Assets

Asset	Value
Equipment	
Office equipment	$50,000
Field equipment	~~$20,000~~
TOTAL	**$70,000**
Critical Facilities and Infrastructure	
Office (rented) *(80 Stone Pine Road, Suite 100, Half Moon Bay, CA 94019)*	n/a
Land (owned), APN: 086-111-130 (Undeveloped 2.1-acre land in Pescadero to be transferred to State Parks within 3-5 years)	$247,257
TOTAL	**$247,257**

3. CHANGES IN DEVELOPMENT

As a conservation district, SMRCD does not usually possess land use or permitting authority and does not engage in traditional land development. The District currently owns a 2.1-acre undeveloped property

[1] United States Census Bureau. (2025). Quick Facts: San Mateo County, California. Retrieved from https://www.census.gov/quickfacts/fact/table/sanmateocountycalifornia/.

in Pescadero, which it plans to transfer to California State Parks within the next three (3) to five (5) years. The District serves as a technical partner and advisory resource, working with San Mateo County and local municipalities on conservation and connecting people with the technical, financial, and educational assistance they need to conserve and manage natural resources.

3.1. Changes in Priority

SMRCD's overall hazard mitigation priorities have not changed significantly since the last Plan update. However, mitigation actions from the previous Plan were updated, and a more concerted effort to achieve equitable outcomes for all communities, including underserved communities and socially vulnerable populations, has been implemented.

4. CAPABILITY ASSESSMENT

Federal regulations require hazard mitigation plans to identify goals for reducing long-term vulnerabilities to the identified hazards in the planning area (Section 201.6(c)(3)(i)). A critical step in developing specific hazard mitigation actions and projects is assessing existing authorities, policies, programs, and resources and capabilities, and using or modifying local tools to reduce losses and vulnerability from profiled hazards.

A capability assessment was conducted for SMRCD's authorities, policies, programs, and resources. Goals and mitigation actions were developed using input from this assessment.

The Local Planning Team assessed SMRCD's capabilities that can contribute to the reduction of long-term vulnerabilities to hazards. The capabilities include the following categories:

- Planning and Regulatory Capabilities
- Administrative and Technical Capabilities
- Fiscal Capabilities
- Education and Outreach Capabilities

Additionally, ways to expand and improve these existing policies and programs to integrate hazard mitigation into the District's day to day activities were considered.

4.1. Planning and Regulatory Capabilities

SMRCD relies on San Mateo County and its municipalities to maintain a strong framework of codes, ordinances, and requirements to help mitigate the impacts of the hazards identified in this Plan. **Table 2** includes local ordinances, policies, and laws to manage growth and development (e.g., land use plans, capital improvement plans, transportation plans, emergency preparedness and response plans, building codes, and zoning ordinances).

Table 2. Planning and Regulatory Capabilities

Capability Category	Yes/No	Authority *(local, county, state, federal)*	Responsible Department/ Agency	Code Citation and Comments *(e.g., Code Chapter, name of plan, explanation of authority, etc.)*
Planning Capacity				
Comprehensive Plan / General Plan	Yes	Local	SMRCD	Strategic Plan, update in progress
Capital Improvement Plan	No	n/a	n/a	
Floodplain Management / Basin Plan	~~No~~	n/a	~~n/a~~	Powers derived from Division 9 of CA Public Resources Code
Stormwater Management Plan	No	n/a	n/a	
Open Space Plan	No	n/a	n/a	
Stream Corridor Management Plan	~~No~~	n/a	~~n/a~~	Powers derived from Division 9 of CA Public Resources Code
Watershed Management or Protection Plan	Yes	Local	San Mateo Resource Conservation District	San Gregorio Watershed Management Plan (June 2010) Pilarcitos Integrated Watershed Management Plan (October 2008)
Economic Development Plan	No	n/a	n/a	
Comprehensive Emergency Management Plan	No	n/a	n/a	
Emergency Operations Plan	No	n/a	n/a	
Evacuation Plan	No	n/a	n/a	
Post-Disaster Recovery Plan	No	n/a	n/a	
Transportation Plan	No	n/a	n/a	
Strategic Recovery Planning Report	No	n/a	n/a	
Climate Adaptation Plan	Yes	County	San Mateo County Office of Sustainability	San Mateo County Community Climate Action Plan (2022) Half Moon Bay City Climate Action and Adaptation Plans (2026)
Resilience Plan	No	n/a	n/a	
Community Wildfire Protection Plan	Yes	County	San Mateo Consolidated Fire Department	Santa Cruz and San Mateo County Community Wildfire Protection Plan (April 2018)
Central California Coast Coho Salmon Recovery Plan	Yes	State, Federal	National Marine Fisheries Service, California Department of Fish and Wildlife	Updated in 2012
Climate Action Plan	Yes	State	California Natural Resources Agency	-California Natural and Working Lands Climate Smart Strategy 2022

Capability Category	Yes/No	Authority *(local, county, state, federal)*	Responsible Department/ Agency	Code Citation and Comments *(e.g., Code Chapter, name of plan, explanation of authority, etc.)*
Santa Cruz Mountains Regional Prioritization Plan	Yes	Local	~~Santa Cruz Mountains Stewardship Network~~	Updated in 2026
Addressing Regulatory Obstacles to Eucalyptus Control in San Mateo County	Yes	Local	San Mateo Resource Conservation District	Updated in June 2011
Identification and Remediation of Fecal Pollution in Pillar Point Harbor	Yes	Local	San Mateo Resource Conservation District	Updated in January 2014
Solutions to Flooding on Pescadero Creek Road	Yes	Local	San Mateo Resource Conservation District	Updated in October 2014
~~San Mateo Drought Resilience Plan~~	Yes	Local	~~San Mateo Resource Conservation District~~	In Progress
Regulatory Capability				
Grading Ordinance	Yes	County	San Mateo County Planning and Building Department	Authorizes the District to issue Grading Permit Exemptions for multiple purposes related to hazard mitigation
Resource Conservation	Yes	State	California Department of Natural Resources	Section 9 of the California Public Resources Code
Building Code	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Zoning Code	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Subdivision Code	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Flood Damage Prevention Ordinance	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Cumulative Substantial Damage Ordinance	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Freeboard	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Growth Management Ordinance	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Site Plan Review	No	n/a	n/a	Responsibility of the County and municipalities, accordingly

Capability Category	Yes/No	Authority *(local, county, state, federal)*	Responsible Department/ Agency	Code Citation and Comments *(e.g., Code Chapter, name of plan, explanation of authority, etc.)*
Stormwater Management Ordinance	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Municipal Separate Storm Sewer System (MS4)	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Natural Hazard Ordinance	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Post-Disaster Recovery Ordinance	No	n/a	n/a	Responsibility of the County and municipalities, accordingly
Real Estate Disclosure Requirement	No	n/a	n/a	Responsibility of the County and municipalities, accordingly

4.2. Administrative and Technical Capabilities

The administrative and technical capabilities listed in **Table 3** include community (i.e., public and private) staff, their skills, and tools that can be used for mitigation planning and implementation. This capability includes engineers, planners, emergency managers, Geographic Information System (GIS) analysts, building inspectors, grant writers, and floodplain managers. Small communities may rely on other government entities, such as counties or special districts, for resources.

Table 3. Administration and Technical Capabilities

Capability	Yes/No	Comments *(e.g., position, department, agency, explanation)*
Administrative Capabilities		
Planning Board	Yes	Board of Directors
Mitigation Planning Committee	No	n/a
Environmental Board/Commission	Yes	All the District's work is accomplished in collaboration with landowners (private and public), land managers, agricultural producers, public agencies, non-profit organizations, and donors.
Open Space Board/Committee	No	n/a
Economic Development Commission/Committee	No	n/a

Capability	Yes/No	Comments *(e.g., position, department, agency, explanation)*
Maintenance programs to reduce risk	Yes	Drought Resiliency (Water for Farms, Fish, and People) Water Quality Forest Health and Fire, and Post-Fire Recovery Erosion and Sediment Management Agricultural Stewardship Climate Resiliency Habitat Restoration and Integrated Watershed Restoration
Mutual Aid Agreements	No	n/a
Technical/Staffing Capabilities		
Planner(s) or engineer(s) with knowledge of land development and land management practices	Yes	Staff have professional expertise and extensive experience in land management practices covering a broad range of capacities (e.g., agriculture, forest health and fire resilience, water quality and conservation, habitat restoration, erosion, and sediment management)
Engineer(s) or professional(s) trained in building or infrastructure construction practices	No	n/a
Planners or engineers with an understanding of natural hazards	Yes	Staff have professional expertise and extensive experience in land management practices covering a broad range of capacities (e.g., agriculture, forest health and fire resilience, water quality and conservation, habitat restoration, erosion, and sediment management)
NFIP Floodplain Administrator	No	n/a
Surveyor(s)	Yes	Staff Member (not licensed surveyor)
Personnel skilled or trained in GIS applications	Yes	Multiple Staff
A scientist familiar with natural hazards	Yes	Multiple Staff
Warning systems/services	Yes	SMC Alert, in partnership with the San Mateo County Department of Emergency Management
Emergency manager	Yes	Multiple Staff
Grantwriter(s)	Yes	Multiple Staff
Staff with expertise or training in benefit cost analysis	No	n/a
Professionals trained in conducting damage assessments	No	n/a

4.3. Fiscal Capabilities

Table 4 lists fiscal capabilities available to SMRCD that may be used to implement mitigation activities to reduce risk and enhance resiliency. This capability includes available funding sources from local budgets, state and federal grants, potential cost-sharing arrangements with private entities, existing insurance policies, and the ability to generate additional revenue through mitigation-related fees and bonds.

Table 4. Financial Capabilities

Capability	Accessible or Eligible to Use
Community Development Block Grants (CDBG, CDBG-DR)	No
Federal Hazard Mitigation Assistance Program *(i.e., Hazard Mitigation Grant Program (HMGP), HMGP Post Fire, Flood Mitigation Assistance (FMA) Program)*	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	No
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
Other federal or state funding programs	Yes
Open space acquisition funding programs	No

4.4. Education and Outreach Capabilities

Table 5 lists the District's education and public outreach capabilities that can be used to inform residents about potential hazards, educate on mitigation strategies, and encourage proactive actions to reduce the community's impacts to disasters. These capabilities include fire safety programs, hazard awareness campaigns, public information, and communications offices.

Table 5. Education and Outreach Capabilities

Capability	Yes/No	Comments *(e.g., position, department, agency, explanation)*
Public Information Officer	Yes	Public engagement and communication responsibilities are shared by multiple staff members
Personnel skilled or trained in website development	Yes	Multiple Staff

Capability	Yes/No	Comments *(e.g., position, department, agency, explanation)*
Hazard mitigation information is available on the jurisdiction's website	Yes	Various pages on the SMRCD website provide information about and ways to access resources and assistance for preparing for wildfire, improving drought resiliency through water conservation and storage, preventing and mitigating erosion, and preventing water pollution
Utilize social media for hazard mitigation education and outreach	Yes	Posts alerting the public about hazards and directing them to resources, informational meetings, and technical and funding assistance available
Citizen boards or commissions that address issues related to hazard mitigation	Yes	Board of Directors Project-specific advisory committees (e.g., convened to prioritize projects to be implemented through a specific grant)
Other programs already in place that could be used to communicate hazard-related information	Yes	Existing, direct technical assistance to landowners under our various program areas (i.e., fire, climate, agriculture, water, and wildlife) Workshops (in-person and virtual) Staff participation in community-based forums that meet regularly
An established warning system for hazard events	Yes	SMC Alert, in partnership with the San Mateo County Department of Emergency Management

4.5. Community Classifications

The community classification relates to the community's ability to provide effective services to reduce its vulnerability to the identified hazards. These classifications can be viewed as indicators of the community's capabilities across all phases of emergency management (i.e., preparedness, response, recovery, and mitigation) and are used as underwriting parameters to determine the costs of various forms of insurance. **Table 6** summarizes the classifications of community programs available to SMRCD.

Table 6. Community Classifications

Program	Yes/No	Classification *(if applicable)*	Date Classified *(if applicable)*
Community Rating System (CRS)	No	n/a	n/a
Building Code Effectiveness Grading Schedule (BCEGS)	No	n/a	n/a
Public Protection (ISO Fire Protection Classes 1 to 10)	No	n/a	n/a
NWS StormReady®	No	n/a	n/a
NWS TsunamiReady®	No	n/a	n/a
Firewise USA®	No	n/a	n/a

4.6. Needs to Expand/Improve Capabilities

SMRCD identified existing authorities, policies, programs, funding, and/or resources that need to be expanded and/or improved to support the implementation of the hazard mitigation initiatives identified in this Plan (e.g., mitigation actions).

The District has increased its capacity over the last five (5) years, growing from 16 to 30 team members. SMRCD has strong administrative and technical capacity, with specialized staff in agricultural engineering, district forestry, GIS, emergency management, communications, and grant writing. However, the District's ability to implement the full mitigation strategy is limited by financial resources and monitoring gaps, as it is heavily dependent on federal and state grant programs to carry out its work. Stable local funding would increase flexibility and responsiveness.

SMRCD coordinates the Santa Cruz Mountain Stewardship Network, a regional network that facilitates the tracking of relevant climate change indicators through remote sensing of vegetation cover. Otherwise, the District monitors sites where conservation practices and restoration projects are implemented, but these discrete sites do not provide a comprehensive (jurisdictional-level) picture of climate change impacts.

Nonetheless, the District needs to build capability and capacity in various other ways, including but not limited to:

- Conducting community and stakeholder outreach.
- Enhancing the expertise of staffing and improving project administration.
- Developing partnerships and scoping new projects.
- Coordinating steering committee/group/council to scope and prioritize projects.

5. NATIONAL FLOOD INSURANCE PROGRAM

As a special district, the SMRCD is not eligible to participate in FEMA's National Flood Insurance Program (NFIP). Further information on San Mateo County's NFIP and Community Rating System (CRS) participation is available in **Volume 1** of this Plan and under each jurisdictional annex (**Volume 2**).

6. HAZARD MITIGATION PLAN INTEGRATION

For a community to successfully reduce long-term risk, hazard mitigation must be integrated into day-to-day planning mechanisms and initiatives. Plan integration is the process by which communities critically assess the existing planning framework and align efforts to reduce long-term risks and build a more resilient community. It involves a two (2) way exchange of information and incorporation of ideas and concepts between hazard mitigation plans and other community plans. In particular, plan integration involves incorporating hazard mitigation principles and actions into other plans and integrating planning mechanisms into hazard mitigation plans. Plan integration involves community plans, policies, codes, and programs that guide development and define roles and responsibilities for implementing these capabilities. Additionally, plan integration is achieved through the involvement of key staff and community officials in collaborative hazard mitigation planning.

6.1. Existing Plan Integration

A hazard mitigation plan must explain how the jurisdiction incorporated the previous Plan update over the last five (5) years to demonstrate progress in local mitigation efforts. During the performance period since the adoption of the previous LHMP, SMRCD has made progress in integrating components of the hazard mitigation strategy (e.g., goals, objectives, and actions) into planning initiatives and mechanisms. **Table 7** highlights the planning mechanisms/initiatives in which the previous Plan was integrated and the information integrated.

Table 7. Existing Plan Integration

Planning Initiative	Current Integration Description
Forest Health and Fire Resiliency and Post-Fire Recovery Program	The program is implemented through close coordination and partnerships with San Mateo County (Office of Sustainability, Parks Department, and Department of Emergency Management) and CALFIRE to support and implement ongoing programs and projects to mitigate wildfire risks. Examples include implementing vegetation management through a neighborhood chipper program; landscape-level forest health projects to increase wildfire resilience; and collaborating with communities and partners to create and implement fuel-load reduction and prescribed-burn projects and wildfire resilience plans.
Climate Resiliency and Agriculture Programs	These programs deliver technical assistance and project planning, design, and implementation to private and public agricultural landowners and managers on conservation practices that address natural resource issues and improve resilience to hazards. Additionally, the programs support climate-resilient planning and policymaking for agricultural operations in San Mateo County. These programs are implemented through close coordination and partnerships with San Mateo County (Office of Sustainability, Planning and Building, and Environmental Health Departments), the USDA Natural Resource Conservation Service, and other reclamation conservation districts.
Erosion and Sediment Management Program	The Program provides technical assistance and project planning, design, and implementation to help private and public landowners with addressing erosion issues that threaten access and structures and cause excess sedimentation in creeks (contributing to downstream flooding issues). Examples include guidance and implementation of storm-proofing best management practices on rural roads, replacement of failing creek crossings, and repair of gullies and landslides that threaten infrastructure, water quality, and habitat. It is implemented through close coordination and partnerships with the numerous private and public landowners, including San Mateo County (Parks Departments) and State Parks, and is funded by these landowners and state grants.
Drought Resiliency Program	The program addresses water security for residential, agricultural, and parks/open space landowners by implementing water conservation and storage projects. It is implemented through partnerships with private and public landowners, including San Mateo County (Parks Department), and with extensive funding from state grants (e.g., California Wildlife Conservation Board) targeted to increase resilience to drought hazards.

Planning Initiative	Current Integration Description
Integrated Watershed Restoration Program	The Program mitigates erosion and downstream flooding through multiple restoration approaches implemented strategically throughout a watershed. Examples include restoring in-stream habitat structure and elevation to reduce bank erosion and incision, increasing floodplain capacity, and restoring functional hydrology of estuaries and lagoons. It is implemented through close coordination and partnerships with the numerous private and public landowners, including San Mateo County (Public Works and Parks departments) and State Parks, and is funded by these landowners and state and federal grants.
Santa Cruz County and San Mateo County Community Wildfire Protection Plan	The Community Wildfire Protection Plan (CWPP) identifies hazards associated with wildfire across the landscape and provides strategies to mitigate wildfire risk and restore healthier, more resilient ecosystems while protecting life and property. SMRCD and Santa Cruz Resource Conservation District helped develop the original CWPP in 2008/09, and the 2018 update (which revised outdated information). SMRCD integrates the CWPP's findings and recommendations into its programs, including hazard mitigation.
Santa Cruz Mountains Regional Priority Plan	SMRCD led the Santa Cruz Mountain Stewardship Network (SCMSN) Fire and Forest Health Team in planning and developing the Santa Cruz Mountains Regional Priority Plan (SCMRPP) for the Santa Cruz Mountains bioregion. This planning effort established a process for submitting, evaluating, and prioritizing forest health and fire prevention projects against a set of criteria (e.g., project readiness, connectivity, ecological benefit, community protection). The goal of the latest phase is to connect the disjunct prioritization efforts currently in place across the region and to create suites of projects to submit for block grant funding. Outcomes include integration of local prioritization efforts and development of a suite of 106 projects, 54 of which are in San Mateo County. Project identification and prioritization are expected to continue in 2026. These projects have been vetted by regional experts and evaluated for the level to which they contribute to landscape-scale resilience against catastrophic wildfire, as well as their cost. The Plan positions the nearly $90 million portfolio of projects for funding, and SCMSN is pursuing block grant funds from CalFire and the California Department of Conservation for SCMRPP implementation.
San Mateo County Community Climate Action Plan	The SMC Office of Sustainability updated the Community Climate Action Plan, which incorporates strategies for climate mitigation in the agricultural sector (e.g., carbon sequestration) that the District is well-positioned to help implement.

6.2. Potential Future Integration

A hazard mitigation plan must explain how the jurisdiction intends to incorporate this Plan update into planning mechanisms over the next five (5) years. The capability assessment presented in Section 4 of this Annex identifies codes, plans, and programs that provide opportunities for integration. **Table 8** outlines planning mechanisms/initiatives that do not currently integrate the goals and recommendations of this Plan but provide opportunities to do so in the future.

Table 8. Potential Future Integration

Planning Initiative	Current Integration Description
Strategic Plan	Align District objectives with updated goals to ensure the County land and communities remain resilient against climate change and environmental hazards. The LHMP will be reviewed for implementation, as appropriate, in the Strategic Plan update (ongoing).
Water Quality Program	Program activities include water quality monitoring following fire response activities (e.g., fire retardant drops) for both public and private landowners. Potentially expand post-fire monitoring protocols to include collaborative sampling with San Mateo County, focusing on runoff impacts on public and private lands.
San Mateo County South Coast Sea Level Rise Risk and Solutions Study	Formalize the District's role as a primary implementation partner for sea level rise adaptation and infrastructure projects identified in this Study, which could subsequently be included in the LHMP for potential funding opportunities.
Hydrologic or Sediment Modeling	SMRCD has identified watersheds where hydrologic or sediment modeling would help identify, inform, and prioritize projects to mitigate localized flooding and streambank erosion.
Watershed or Neighborhood-wide Forest Management Plans	This method can meet forest management planning needs for certain areas more efficiently than individual plans. Furthermore, these plans can help identify and prioritize hazard mitigation projects for inclusion in the LHMP.
Community Wildfire Protection Plans	CWPPs can incorporate assessments of wildfire risk and task prioritization to enhance community-level wildfire resilience, as duly certified by local authorities. Furthermore, these plans can support the identification of wildfire mitigation projects for inclusion in the LHMP.
~~Santa Cruz Mountains Regional Priority Plan~~	~~SCMRPP establishes a coordinated, expert driven process to identify, evaluate, and prioritize forest health and fire prevention projects across the Santa Cruz Mountains bioregion based on readiness, ecological benefit, connectivity, community protection, and cost.~~

The District's Local Planning Team will identify all relevant planning initiatives scheduled for update in the next year and during the annual update process of the LHMP. Additionally, the Local Planning Team will identify opportunities to integrate key elements of the LHMP, specifically relevant strategies, into the planning initiatives. Mitigation actions were identified to promote plan integration in future revisions of this Plan.

7. SIGNIFICANT PAST EVENTS

A complete risk assessment, including past incidents, for each identified hazard of concern, can be found in **Volume 1** of this Plan. A summary of past events is provided under each hazard profile and includes a chronology of events that have affected the County and its municipalities. **Table 9** provides information on significant hazard events that uniquely impacted SMRCD.

Table 9. Significant Past Events

Date	Event Type *(include Disaster Declaration, if applicable)*	Description of Event and Impacts
1/14/2023	California Severe Winter Storms, Flooding, Landslides, and Mudslides *(DR-4683)*	The January 2023 severe winter storms and flooding caused widespread erosion, stream damage, and landslides in San Mateo County, significantly increasing the San Mateo Resource Conservation District's workload for emergency watershed assessment, erosion control, and landowner technical assistance while straining staff capacity and financial resources. Damage assessment value is not available.

8. HAZARD VULNERABILITY AND IMPACT ASSESSMENT

Exposure and vulnerability to certain hazards affect the entire County, and others are geographically defined. Although the entire County may be vulnerable to these hazards, their impacts may vary depending on existing community conditions (e.g., underserved populations or those with access and functional needs may be more susceptible under certain conditions).

The Local Planning Team identified ***unique vulnerabilities and impacts*** to the following natural hazards, based on the hazards profiled in **Volume 1**.

- Drought
- Earthquake
- Flood *(riverine flooding, urban/flash flooding, coastal flooding)*
- Landslide
- Wildfire

It was determined that the planning area did not have unique vulnerabilities or impacts from the following natural hazards; rather, its vulnerabilities and impacts are consistent with those experienced throughout the County.

- Dam Failure
- Sea Level Rise
- Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*
- Tsunami

Note: Severe weather and flood are profiled as the two (2) hazards. However, to conduct a more thorough risk assessment, the sub-hazards (i.e., heavy rainfall, heat wave/extreme heat, fog, severe thunderstorms, tornadoes, strong winds, riverine flooding, urban/flash flooding, and coastal flooding)

were ranked individually. The hazard risk assessment methodology can be found in Chapter 4 of **Volume 1** of this Plan.

Table 10 outlines the ***unique vulnerabilities and impacts*** for SMRCD and addresses only the hazards relevant to the jurisdiction. A complete risk assessment for each identified hazard of concern is in **Volume 1** of this Plan. Hazard mapping can be found in Appendix A of this Annex.

Table 10. Hazard Vulnerability and Impact Assessment

Hazard	Vulnerability and Impacts
Dam Failure	The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from dam failure; rather, the jurisdiction's vulnerabilities and impacts are consistent with those experienced throughout the County.
Drought	The District is acutely vulnerable to drought. It has no snowpack, no large municipal reservoirs, and no State Water Project. Most communities in the District are rural and rely on local water supplies to meet their needs - drawing from creeks, wells, and reservoirs/ponds. Farms, fish, and people depend upon the same limited water resources. Effects in the District due to the current, unprecedented drought include residents having to truck in water to drink, cook, and bathe; farmers having to truck in water and fallow fields; steelhead trout and endangered Coho salmon teetering on the brink of extinction as local creeks dried up; and local community water suppliers rationing water.
Earthquake	Compared with other County jurisdictions and geographic areas, the District includes much less built infrastructure at risk from seismic events. Potential impacts that fall within the District's purview are mostly limited to impairments to water supplies, both quantity and quality, if seismic activity cuts off groundwater supplies or springs, both domestic and agricultural, and erosion on rural roads in the District. Furthermore, there are no real ways to reduce these seismic risks to water supplies or rural roads through hazard mitigation actions.
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	Although the flood risk is relatively low across much of the District in terms of land area affected, Pescadero, the largest community within the District, is at very high risk of flooding impacts due to its location in the floodplain and limited access to US Highway 1. Pescadero already experiences frequent flooding from small storms. Impacts include loss of access between US Highway 1 (which impacts evacuation) and the Town, flooding of homes and agricultural fields, and loss of tourism revenue.
Landslide	The District is acutely vulnerable to episodic landslide erosion due to the geology, steep slopes, and legacy impacts of intensive agricultural practices and logging in coastal watersheds. An example of this is a massive gully (150'L x 100'W x 40'D) that formed overnight along Butano Creek at Cloverdale Road, posing a threat to the County's bridge. Additionally, coastal creeks are rapidly incising, leading to episodic and chronic erosion and the downstream transport of significant sediment volumes, resulting in downstream damage and flooding.
Sea Level Rise	The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from sea level rise; rather, the jurisdiction's vulnerabilities and impacts are consistent with those experienced throughout the County.

Hazard	Vulnerability and Impacts
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from severe weather; rather, the jurisdiction's vulnerabilities and impacts are consistent with those experienced throughout the County.
Tsunami	The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from tsunamis; rather, the jurisdiction's vulnerabilities and impacts are consistent with those experienced throughout the County.
Wildfire	Due to local topography, high fuel loads, and frequent extreme drought conditions, the District is at very high risk for catastrophic wildfires. An increasing number of houses are built in the Wildland Urban Interface across the District, inadvertently impacting natural fire regimes due to suppression efforts to protect property. Large swaths of chaparral, oak woodlands, and mixed conifer forests have not burned in decades, creating the potential for increased carbon dioxide emissions, flooding, erosion, and ecosystem type conversion in the event of wildfire. Forest and ecosystem health diminish when fire is suppressed, making natural systems less resilient in the face of climate change.

The District evaluated whether vulnerability in hazard-prone areas had increased, decreased, or remained the same for each natural hazard identified in this LHMP. Climate change, changes in population, infrastructure expansion, and economic shifts that can affect vulnerability were considered. For example, if planned development is in an identified hazard area or is not built to the updated building codes, it may increase the community's vulnerability to future hazards and disasters. On the other hand, if development occurred with mitigation practices in place, the vulnerability may have remained the same or decreased. Additionally, shifting demographics (e.g., underserved population) were taken into consideration.

Table 11 outlines whether climate change has increased or decreased the District's vulnerability (i.e., exposure) and impact to each natural hazard over the past five (5) years, and the effect of climate change on the future probability of occurrence and impacts from each natural hazard

Table 11. Climate Change: Current and Future Vulnerability and Impact

Hazard	Vulnerability and Impact
Current Vulnerability and Impact	
Dam Failure	Remained the Same
Drought	Increased
Earthquake	Remained the Same
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	Increased
Landslide	Increased
Sea Level Rise	Increased
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Increased
Tsunami	Remained the Same
Wildfire	Increased

Hazard	Vulnerability and Impact
Future Vulnerability and Impact	
Dam Failure	Remained the Same
Drought	Increase
Earthquake	No Change Anticipated
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	Increase
Landslide	Increase
Sea Level Rise	Increase
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Increase
Tsunami	No Change Anticipated
Wildfire	Increase

Table 12 outlines whether changes in population within the District over the past five (5) years have increased or decreased the vulnerability (i.e., exposure) and impact to these natural hazards, and the anticipated effects changes in population may have on the future probability of occurrence and impacts from these natural hazards.

Table 12. Changes in Population: Current and Future Vulnerability and Impact

Hazard	Vulnerability and Impact
Current Vulnerability and Impact	
Dam Failure	Remained the Same
Drought	Remained the Same
Earthquake	Remained the Same
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	Remained the Same
Landslide	Remained the Same
Sea Level Rise	Remained the Same
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Remained the Same
Tsunami	Remained the Same
Wildfire	Remained the Same
Future Vulnerability and Impact	
Dam Failure	No Change Anticipated
Drought	No Change Anticipated
Earthquake	No Change Anticipated
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	No Change Anticipated
Landslide	No Change Anticipated

Hazard	Vulnerability and Impact
Sea Level Rise	No Change Anticipated
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	No Change Anticipated
Tsunami	No Change Anticipated
Wildfire	No Change Anticipated

Table 13 outlines whether development over the past five (5) years has increased or decreased the District's vulnerability (i.e., exposure) and impact to these natural hazards, and the anticipated effects changes in development may have on the future probability of occurrence and impacts from these natural hazards.

Table 13. Changes in Development: Current and Future Vulnerability and Impact

Hazard	Vulnerability and Impact
Current Vulnerability and Impact	
Dam Failure	Remained the Same
Drought	Remained the Same
Earthquake	Remained the Same
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	Remained the Same
Landslide	Remained the Same
Sea Level Rise	Remained the Same
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Remained the Same
Tsunami	Remained the Same
Wildfire	Remained the Same
Future Vulnerability and Impact	
Dam Failure	No Change Anticipated
Drought	No Change Anticipated
Earthquake	No Change Anticipated
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	No Change Anticipated
Landslide	No Change Anticipated
Sea Level Rise	No Change Anticipated
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	No Change Anticipated
Tsunami	No Change Anticipated
Wildfire	No Change Anticipated

8.1. Future Major Assets

Community assets should include anything that is important to a community's character and function. Assets include people (i.e., underserved population); structures (i.e., new and existing buildings); community lifelines and other critical facilities; natural, historic, and cultural resources; and the economy and other activities that have value to the community. SMRCD does not anticipate that future major assets may be exposed or vulnerable to any of the natural hazards identified in this LHMP. However, any new assets (e.g., new construction in hazard-prone areas) will be built to comply with the latest building codes and standards and will be mitigated to protect them from identified and anticipated hazards, especially those expected to increase due to climate change.

9. HAZARD RISK RANKING

Table 14 presents the local hazard ranking for SMRCD of all hazards of concern listed in **Volume 1** of this Plan. This ranking summarizes how hazards vary for this jurisdiction. As thoroughly described in **Volume 1** of this Plan, 14 factors were evaluated to provide an informed and comprehensive analysis and ranking of the hazards included in this LHMP.

- **Probability** (likelihood of annual occurrence)
- **Extent** of the hazard, including catastrophic potential
- **Vulnerability** (i.e., exposure) of the population, property (including critical infrastructure), and changes in the development (over the past five (5) years)
- **Impacts** on population and life safety, underserved population, property (including critical infrastructure), the economy, the environment, continuity of operations/delivery of services, future development, and climate change

The scores for extent, vulnerability, and impact were weighted and combined to produce a consequence score. This consequence score was then multiplied by the probability score to calculate the total risk score for each hazard. At the fundamental level, the consequence is an assessment of the potential impact(s) if the hazards incident were to occur. In this assessment, the consequence score (i.e., the consequence of an event) will be independent of the extent, vulnerability, and impacts. The probability of the hazards is not included in assessing the consequence because, without an event, there is no consequence or impact. For further details on how the probability, extent, vulnerability, and impact factors in **Table 14** were calculated, please refer to Chapter 4 in **Volume 1** of this Plan. Details of the hazard ranking results are provided in Appendix C of this Annex.

It is important to note that the sub-hazards for severe weather (i.e., heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, and fog) and flood (i.e., riverine flooding, urban/flash flooding, coastal flooding) were individually ranked in the hazard risk ranking; however, severe weather and flood are each considered as the main hazard throughout this Annex and **Volume 1**.

Table 14. San Mateo Resource Conservation District Hazard Risk Ranking

Hazard Event	Probability Factor	Sum of Weighted Extent Factors	Sum of Weighted Vulnerability Factors	Sum of Weighted Impact Factors	Consequence Score	Total Risk Score*
Urban/Flash Flooding ***(Flood)***	3	18	13	29	60	83
Heavy Rainfall ***(Severe Weather)***	3	12	13	22	47	65
Wildfire	2	18	10	34	62	57
Drought	2	18	13	27	58	54
Landslide	2	12	10	33	55	51
Strong Winds ***(Severe Weather)***	3	6	13	16	35	49
Earthquake	2	9	13	31	53	49
Heat Wave/Extreme Heat ***(Severe Weather)***	3	9	10	15	34	47
Sea Level Rise	3	6	5	20	31	43
Riverine Flooding ***(Flood)***	2	12	6	28	46	43
Severe Thunderstorm ***(Severe Weather)***	2	12	13	18	43	40
Dam Failure	1	12	9	27	48	22
Coastal Flooding ***(Flood)***	1	9	5	23	37	17
Tornado ***(Severe Weather)***	1	6	13	13	32	15
Fog ***(Severe Weather)***	1	6	9	11	26	12
Tsunami	1	6	5	12	23	11

Extent: Sum of the weighted Extent factors.
Vulnerability: Sum of the weighted Vulnerability factors.
Impact: Sum of the weighted Impact factors.

Consequence Score: Extent + Vulnerability + Impact (Sum of all weighted factors).
Total Risk Score = Probability x Consequence
* Normalized to 100

Total Risk Score Legend

Classification	Probability	Extent	Vulnerability	Impact	Consequence Score	Total Risk Score
Low (L)	1	0 – 6	0 – 4	0 – 12	0 – 24	0 – 32
Medium (M)	2	7 – 12	5 – 10	13 – 26	25 – 48	33 – 66
High (H)	3	13 – 18	11 – 15	27 – 39	49 – 72	67 – 100

*The **legend**—specifically the assignment of low, medium, and high—provides an additional means to qualitatively assess the probability factor, sum of weighted factors, and the total risk scores for each hazard. The **Consequence Score** represents the sum of the Extent, Vulnerability, and Impact Factors. The **Total Risk Score** is a measure of Probability and Consequence.*

10. MITIGATION ACTIONS

This section includes the mitigation actions developed to address the risks and vulnerabilities to the hazards identified in this Plan. This Plan serves only to recommend mitigation measures based on the potential for risk reduction and available funding. Implementation of mitigation actions is dependent on risk reduction priorities, feasibility, and available funding. It is also dependent on the cooperation and support of the jurisdiction and/or department responsible for each action item. Additionally, all mitigation actions identified in the 2021 update or before were updated accordingly. Any new mitigation actions are listed as *New* (under Project Status).

SMRCD agreed to **25** mitigation actions that apply to the jurisdiction's properties for which it has jurisdictional responsibility and authority. A summary of the District's mitigation actions status is listed in **Table 15**.

Note: The mitigation actions outlined in this Plan are designed only to address those natural hazards that received a risk ranking of *medium* or *high* during the hazard risk assessment (**Table 14**). Hazards that ranked *low* (dam failure and tsunami) may not have specific mitigation actions detailed in this document.

Table 15. San Mateo Resource Conservation District Mitigation Actions Summary

Status	Mitigation Action Total
Continuing	9
In Progress	14
Not Yet Started	2
New	0
TOTAL	**25**
Completed	0
No Longer Needed	0

Mitigation Actions per Hazard			
Dam Failure	15	Sea Level Rise	19
Drought	15	Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	18
Earthquake	11	Tsunami	10
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	18	Wildfire	18
Landslide	18		

A detailed explanation of the Mitigation Strategy can be found in Chapter 5 of **Volume 1**.

Mitigation Action	Formalize the integration of hazard risk assessments and hazard mitigation strategies into the District's resource management, conservation, and carbon farm plans to ensure long-term resilience initiatives that help reduce climate-related vulnerabilities while protecting natural and working lands.				
Action Number	SRC-1	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	32/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Flood, Landslide, Sea Level Rise, Severe Weather, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Modernize hazard mapping and risk assessment capabilities by advancing high-resolution data collection to identify and prioritize structural mitigation projects. This initiative includes, but is not limited to, LiDAR and imagery flights, field-based ground-truthing of remote-sensing data, and the development of GIS geodatabases for ladder fuels, vegetation types, and road networks, among others.				
Action Number	SRC-2	**Goal(s) Addressed**	1, 5	**Prioritization Score**	26/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	Medium
Hazard(s) Mitigated	Drought, Flood, Landslide, Sea Level Rise, Severe Weather, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	Santa Cruz Mountain Stewardship Network, San Mateo County Parks, Research Science Institutes				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	General Fund (Staff Time), Santa Cruz Mountain Stewardship Network funds, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Advance hydrologic and sediment modeling in the County's Pacific coastal watersheds, where such modeling would be helpful to inform projects that alleviate flooding and/or stream bank erosion.				
Action Number	SRC-3	**Goal(s) Addressed**	1, 3, 4	**Prioritization Score**	32/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Flood, Landslide, Sea Level Rise, Severe Weather, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	Santa Cruz Mountain Stewardship Network, Research science institutes, Natural Resources Conservation Service				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	General Fund (Staff Time), California Ocean Protection Council Proposition 68 funds, California Wildlife Conservation Board grants, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Advance groundwater studies in the County's Pacific coastal watersheds to better understand groundwater basins (e.g., connections to surface water supply) to inform diversification of water supply and sustainable management of groundwater supplies.				
Action Number	SRC-4	**Goal(s) Addressed**	1, 3, 4	**Prioritization Score**	26/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	1 to 5 Years	**Implementation Priority**	Medium
Hazard(s) Mitigated	Drought, Sea Level Rise				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	Santa Cruz Mountain Stewardship Network, Research science institutes, Natural Resources Conservation Service, Other Resource Conservation Districts				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	General Fund (Staff Time), California Department of Water Resources grants, California Ocean Protection Council Proposition 68 funds, California Wildlife Conservation Board grants, Natural Resources Conservation Service grants, HMGP, BRIC		
Additional Details *(optional)*	Funding has been a limiting factor to starting this mitigation action.				

Mitigation Action	Implement conservation practices and projects to improve soil health factors including organic matter content, aggregate stability, water holding capacity on residential, agricultural, and parks/open space properties.				
Action Number	SRC-5	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Landslide, Sea Level Rise				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	Natural Resources Conservation Service, San Mateo County Parks				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time), Natural Resources Conservation Service grants		
Additional Details *(optional)*					

Mitigation Action	Develop and implement best management practices and projects on residential, parks/open space, and agricultural properties, and with communities to increase water security and protect stream flows. Examples include, but are not limited to, irrigation efficiency; strategically changing timing and rate of creek diversions; expanding and creating new water storage infrastructure; and developing new water sources.				
Action Number	SRC-6	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Sea Level Rise				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	Natural Resources Conservation Service				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time), Public and Private Landowners funds, Community Foundations, California Department of Water Resources grants, California Ocean Protection Council Proposition 68 funds, California Wildlife Conservation Board grants, Natural Resources Conservation Service grants, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Develop and implement projects to help private and public landowners address erosion issues that threaten access and structures, and/or cause excess sedimentation in creeks, increasing future downstream flooding risk. Examples include, but are not limited to, guidance for and implementation of storm-proofing best management practices on rural roads; replacing, repairing, and/or retrofitting bridges, other road crossings, and drainage infrastructure; and repairing gullies and landslides that threaten infrastructure and agricultural production.				
Action Number	SRC-7	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	Other Resource Conservation Districts, Natural Resources Conservation Service				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time), Natural Resources Conservation Service grants, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Develop and implement floodplain, stream, and wetlands restoration projects on private and public lands in the District to reduce erosion and flooding risks to communities and infrastructure.				
Action Number	SRC-8	**Goal(s) Addressed**	1, 3, 4	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Flood, Landslide, Sea Level Rise, Severe Weather				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	California Department of Parks and Recreation, California Department of Fish and Wildlife, San Mateo County Parks, Other Resource Conservation Districts, Natural Resources Conservation Service				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time), Public and Private Landowners funds, Community Foundations, California Department of Water Resources grants, California Ocean Protection Council Proposition 68 funds, California Wildlife Conservation Board grants, Natural Resources Conservation Service grants, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Continue to develop and implement comprehensive, multi-benefit restoration projects in the Pescadero Marsh and Pescadero-Butano watershed to advance long-term resilience to sea level rise, extreme storms, and coastal erosion for the adjacent communities and critical assets and nearby areas of the Pacific coastline, as well as provide environmental, recreation, community/connectivity enhancements where possible.				
Action Number	SRC-9	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Flood, Landslide, Severe Weather				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	California Department of Parks and Recreation, San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline), San Mateo County Parks, California Department of Fish and Wildlife, United States Fish and Wildlife Service				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time), Measure K funds, California Ocean Protection Council Proposition 68 funds, HMGP, BRIC, United States Environmental Protection Agency grants, United States Army Corps of Engineers grants		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Support and advance planning for, and development and implementation of projects that incorporate nature-based solutions to improve long-term resilience of communities and infrastructure (e.g., California Highway 1, California Coastal Trail) to sea level rise, extreme storms, and coastal erosion on the County's Pacific coastline.				
Action Number	SRC-10	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	29/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	Medium
Hazard(s) Mitigated	Dam Failure, Flood, Landslide, Sea Level Rise, Severe Weather				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	San Mateo County Parks, City/County Association of Governments of San Mateo County, All Municipalities (within the District), Caltrans, San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline)				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	General Fund (Staff Time), Measure K funds, California Ocean Protection Council Proposition 68 funds, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Engage with and provide expert guidance to local communities in developing community-scale plans, such as Community Wildfire Protection Plans, General Plans, prioritization plans, or forest management plans.				
Action Number	SRC-11	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	32/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	CalFire, Fire Safe San Mateo County, San Mateo County Consolidated Fire Department				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time), Measure K funds, CalFire grants, California Ocean Protection Council Proposition 68 funds, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Develop and implement a landscape-scale forest health, invasive species, and vegetation management program to reduce the risk of catastrophic wildfire damage.				
Action Number	SRC-12	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	CalFire, Fire Safe San Mateo County, San Mateo County Consolidated Fire Department				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time), Measure K funds, CalFire grants, California Ocean Protection Council Proposition 68 funds, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Collaborate with communities to plan and implement defensible space and vegetation management programs to reduce the risk of damage from catastrophic wildfire. Examples of this action include, but are not limited to, convening and coordinating the Prescribed Burn Association (PBA) of private landowners; supporting community grazing programs; forest management planning; and establishing strategic fuel breaks at key locations, including along evacuation routes.				
Action Number	SRC-13	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	CalFire, Fire Safe San Mateo County, San Mateo County Consolidated Fire Department				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time), Measure K funds, CalFire grants, California Ocean Protection Council Proposition 68 funds, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Identify and pursue strategies to address debris flow, landslide, and flood risks, particularly those that protect post-fire priority sites identified in the Watershed Emergency Response Team Assessment following the CZU Lightning Complex Fire, and implement recommendations of the County debris flow study.				
Action Number	SRC-14	**Goal(s) Addressed**	1, 4, 5	**Prioritization Score**	27/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated		Flood, Landslide, Sea Level Rise, Severe Weather, Wildfire			
Project Status		Continuing	If *No Longer Needed*, provide reason.	n/a	
Benefits *(Loss Avoided)*		High			
Lead Agency / Organization		San Mateo County Resource Conservation District (Director of Stewardship)			
Supporting Agency / Organization *(If applicable)*		CalFire, Fire Safe San Mateo County, San Mateo County Consolidated Fire Department, California Department of Conservation, San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline)			
Additional Participating Jurisdictions *(If Applicable)*		n/a			
Estimated Cost		High	**Potential Funding Source**	General Fund (Staff Time), Measure K funds, CalFire grants, California Ocean Protection Council Proposition 68 funds, HMGP, BRIC	
Additional Details *(optional)*		Refer to annual reporting for completed work since mitigation action was added to the Plan.			

Mitigation Action	Integrate dam failure, earthquake, tsunami, and wildfire risk assessments into project planning and design phases to ensure long-term structural and ecosystem resilience and reduce vulnerability and impacts from these hazards.				
Action Number	SRC-15	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Earthquake, Tsunami, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Develop and implement a program for rapid drinking and surface water quality monitoring following wildfire response activities in the District.				
Action Number	SRC-16	**Goal(s) Addressed**	1, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	2 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Wildfire				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	California State Water Resources Control Board				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), Public and Private Landowners, Community Foundations		
Additional Details *(optional)*					

Mitigation Action	Conduct a community outreach and education program to provide residents with information and technical guidance on mitigating natural hazards on private property. Educating the community on risk reduction in private property will help reduce long-term vulnerability on both personal and community levels.				
Action Number	SRC-17	**Goal(s) Addressed**	1, 2, 3, 4, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), Measure K funds, Community Foundations, California Ocean Protection Council Proposition 68 funds, HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Conduct outreach, education, and engagement with relevant agencies to support them in updating, adopting, and/or implementing changes to regulations and policies, codes and ordinances, and permit processes and funding mechanisms that are barriers to natural resource management and restoration practices and projects that mitigate hazards and increase resilience to future hazards.				
Action Number	SRC-18	**Goal(s) Addressed**	1, 2, 4, 5	**Prioritization Score**	32/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	Other Resource Conservation Districts, Santa Cruz Mountain Stewardship Network				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), HMGP, BRIC		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Conduct outreach and education about the role of natural resource management and habitat restoration in hazard mitigation with landowners, communities, non-government organizations, municipalities, and other local agencies.				
Action Number	SRC-19	**Goal(s) Addressed**	1, 5	**Prioritization Score**	31/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	Other Resource Conservation Districts, Santa Cruz Mountain Stewardship Network				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time)		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Coordinate with regional Bay Area climate resilience and adaptation planning coalitions to align District projects and initiatives with broader Bay Area risk reduction strategies, when possible.				
Action Number	SRC-20	**Goal(s) Addressed**	5	**Prioritization Score**	31/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Flood, Sea Level Rise, Severe Weather, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time)		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Enhance the District's capability and capacity in various ways, including but not limited to: • Conducting community and stakeholder outreach. • Enhancing the expertise of staffing and improving project administration. • Developing partnerships and scoping new mitigation projects. • Coordinating steering committee/group/council to scope and prioritize projects.				
Action Number	SRC-21	**Goal(s) Addressed**	1, 5	**Prioritization Score**	31/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time)		
Additional Details *(optional)*	Refer to annual reporting for completed work since mitigation action was added to the Plan.				

Mitigation Action	Where appropriate, support retrofitting, purchasing, or relocating structures located in high-hazard areas, prioritizing those that have experienced repetitive losses and/or are in high- or medium-risk hazard areas.				
Action Number	SRC-22	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	24/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	4 to 5 Years	**Implementation Priority**	Medium
Hazard(s) Mitigated	Dam Failure, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	General Fund (Staff Time), HMGP, BRIC		
Additional Details *(optional)*					

Mitigation Action	Actively participate in the Hazard Mitigation Plan maintenance protocols outlined in Volume 1 of the San Mateo County Local Hazard Mitigation Plan.				
Action Number	SRC-23	**Goal(s) Addressed**	1, 2, 3, 4, 5	**Prioritization Score**	32/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time)		
Additional Details *(optional)*					

Mitigation Action	Acquire and install portable emergency backup power systems for critical facilities and infrastructure in the District that lack adequate backup power. This will allow for continuity of services and reduce the impact on service delivery during and after an emergency or major disaster.				
Action Number	SRC-24	**Goal(s) Addressed**	1, 4, 5	**Prioritization Score**	16/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	4 to 5 Years	**Implementation Priority**	Low
Hazard(s) Mitigated		Dam Failure, Earthquake, Flood, Landslide, Severe Weather, Tsunami, Wildfire			
Project Status		In Progress	If *No Longer Needed*, provide reason.	n/a	
Benefits *(Loss Avoided)*		High			
Lead Agency / Organization		San Mateo County Resource Conservation District (Director of Stewardship)			
Supporting Agency / Organization *(If applicable)*		n/a			
Additional Participating Jurisdictions *(If Applicable)*		n/a			
Estimated Cost		High	**Potential Funding Source**	General Fund (Staff Time), HMGP, BRIC	
Additional Details *(optional)*					

Mitigation Action	Support countywide hazard mitigation actions and initiatives identified in the San Mateo County Local Hazard Mitigation Plan, specifically those taking place within the District.				
Action Number	SRC-25	**Goal(s) Addressed**	1, 2, 3, 4, 5	**Prioritization Score**	32/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Resource Conservation District (Director of Stewardship)				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	General Fund (Staff Time)		
Additional Details *(optional)*					

APPENDIX A. HAZARD MAPS

[Maps are under development…]

APPENDIX B. STAKEHOLDER AND PUBLIC ENGAGEMENT

[Information and supporting documentation will be added after the Public Comment Period concludes.]

APPENDIX C. HAZARD RISK RANKING DETAILS

This appendix provides the details of the hazard ranking results presented in Section 9 of this Annex. For a comprehensive explanation of the risk assessment methodology used for the 2026 LHMP rankings, refer to Chapter 4 in **Volume 1** of this Plan.

C.1. Probability of Occurrence

Hazard Event	Probability of Occurrence		Probability Factor	Weighted Factor
Dam Failure	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Drought	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Earthquake	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Riverine Flooding ***(Flood)***	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Urban/Flash Flooding ***(Flood)***	High	A significant hazard event is likely to occur annually.	3	N/A
Coastal Flooding ***(Flood)***	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Landslide	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Sea Level Rise	High	A significant hazard event is likely to occur annually.	3	N/A
Heavy Rainfall ***(Severe Weather)***	High	A significant hazard event is likely to occur annually.	3	N/A
Heat Wave/Extreme Heat ***(Severe Weather)***	High	A significant hazard event is likely to occur annually.	3	N/A
Fog ***(Severe Weather)***	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Severe Thunderstorm ***(Severe Weather)***	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Tornado ***(Severe Weather)***	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Strong Winds ***(Severe Weather)***	High	A significant hazard event is likely to occur annually.	3	N/A
Tsunami	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Wildfire	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A

C.2. Extent Factors

Hazard Event	Extent Factor	Extent		Extent Factor	Weighted Factor	Score
Dam Failure	***Extent/Severity***	Medium	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a medium-intensity incident.	2	3	6
	Catastrophic	Medium	Medium potential that this hazard could be catastrophic.	2	3	6
Drought	***Extent/Severity***	High	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a high-intensity incident.	3	3	9
	Catastrophic	High	High potential that this hazard could be catastrophic.	3	3	9
Earthquake	***Extent/Severity***	Medium	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a medium-intensity incident.	2	3	6
	Catastrophic	Low	Low potential that this hazard could be catastrophic.	1	3	3
Riverine Flooding ***(Flood)***	***Extent/Severity***	Medium	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a medium-intensity incident.	2	3	6
	Catastrophic	Medium	Medium potential that this hazard could be catastrophic.	2	3	6
Urban/Flash Flooding ***(Flood)***	***Extent/Severity***	High	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a high-intensity incident.	3	3	9
	Catastrophic	High	High potential that this hazard could be catastrophic.	3	3	9
Coastal Flooding ***(Flood)***	***Extent/Severity***	Low	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a low-intensity incident.	1	3	3
	Catastrophic	Medium	Medium potential that this hazard could be catastrophic.	2	3	6
Landslide	***Extent/Severity***	Medium	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a medium-intensity incident.	2	3	6
	Catastrophic	Medium	Medium potential that this hazard could be catastrophic.	2	3	6

Hazard Event	Extent Factor	Extent		Extent Factor	Weighted Factor	Score
Sea Level Rise	***Extent/Severity***	Low	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a low-intensity incident.	1	3	3
	Catastrophic	Low	Low potential that this hazard could be catastrophic.	1	3	3
Heavy Rainfall ***(Severe Weather)***	***Extent/Severity***	Medium	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a medium-intensity incident.	2	3	6
	Catastrophic	Medium	Medium potential that this hazard could be catastrophic.	2	3	6
Heat Wave/Extreme Heat ***(Severe Weather)***	***Extent/Severity***	Medium	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a medium-intensity incident.	2	3	6
	Catastrophic	Low	Low potential that this hazard could be catastrophic.	1	3	3
Fog ***(Severe Weather)***	***Extent/Severity***	Low	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a low-intensity incident.	1	3	3
	Catastrophic	Low	Low potential that this hazard could be catastrophic.	1	3	3
Severe Thunderstorm ***(Severe Weather)***	***Extent/Severity***	Medium	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a medium-intensity incident.	2	3	6
	Catastrophic	Medium	Medium potential that this hazard could be catastrophic.	2	3	6
Tornado ***(Severe Weather)***	***Extent/Severity***	Low	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a low-intensity incident.	1	3	3
	Catastrophic	Low	Low potential that this hazard could be catastrophic.	1	3	3
Strong Winds ***(Severe Weather)***	***Extent/Severity***	Low	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a low-intensity incident.	1	3	3
	Catastrophic	Low	Low potential that this hazard could be catastrophic.	1	3	3

Hazard Event	Extent Factor	Extent		Extent Factor	Weighted Factor	Score
Tsunami	***Extent/Severity***	Low	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a low-intensity incident.	1	3	3
	Catastrophic	Low	Low potential that this hazard could be catastrophic.	1	3	3
Wildfire	***Extent/Severity***	High	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a high-intensity incident.	3	3	9
	Catastrophic	High	High potential that this hazard could be catastrophic.	3	3	9

C.3. Vulnerability Factors

Hazard Event	Vulnerability Factor	Vulnerability		Vulnerability Factor	Weighted Factor	Score
Dam Failure	***Population Exposure***	Medium	15% to 29% of the population is exposed to the hazard.	2	3	6
	Property Exposure	Medium	10% to 24% of the total assessed property value is exposed to a hazard.	2	1	2
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Drought	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Earthquake	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1

Hazard Event	Vulnerability Factor	Vulnerability		Vulnerability Factor	Weighted Factor	Score
Riverine Flooding *(Flood)*	***Population Exposure***	Low	14% or less of the population is exposed to the hazard.	1	3	3
	Property Exposure	Medium	10% to 24% of the total assessed property value is exposed to a hazard.	2	1	2
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Urban/Flash Flooding *(Flood)*	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Coastal Flooding *(Flood)*	***Population Exposure***	Low	14% or less of the population is exposed to the hazard.	1	3	3
	Property Exposure	Low	9% or less of the total assessed property value is exposed to a hazard.	1	1	1
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Landslide	***Population Exposure***	Medium	15% to 29% of the population is exposed to the hazard.	2	3	6
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Sea Level Rise	***Population Exposure***	Low	14% or less of the population is exposed to the hazard.	1	3	3
	Property Exposure	Low	9% or less of the total assessed property value is exposed to a hazard.	1	1	1
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1

Hazard Event	Vulnerability Factor	Vulnerability		Vulnerability Factor	Weighted Factor	Score
Heavy Rainfall ***(Severe Weather)***	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Heat Wave/Extreme Heat ***(Severe Weather)***	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	No Vulnerability	None of the total assessed property value is exposed to a hazard.	0	1	0
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Fog ***(Severe Weather)***	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	No Vulnerability	None of the total assessed property value is exposed to a hazard.	0	1	0
	Changes in Development	No Vulnerability	Changes in development have had no effect and/or have decreased the community's exposure to the hazard.	0	1	0
Severe Thunderstorm ***(Severe Weather)***	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Tornado ***(Severe Weather)***	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1

Hazard Event	Vulnerability Factor	Vulnerability		Vulnerability Factor	Weighted Factor	Score
Strong Winds ***(Severe Weather)***	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Tsunami	***Population Exposure***	Low	14% or less of the population is exposed to the hazard.	1	3	3
	Property Exposure	Low	9% or less of the total assessed property value is exposed to a hazard.	1	1	1
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Wildfire	***Population Exposure***	Medium	15% to 29% of the population is exposed to the hazard.	2	3	6
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1

C.4. Impact Factors

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Dam Failure	***Population and Life Safety***	Medium	Populations exposed to this hazard are likely to experience some adverse impacts, such as injuries requiring acute medical care.	2	3	6
	Underserved Population	High	Underserved populations exposed to the hazard are likely to experience significant adverse/disproportionate impacts, such as fatalities and severe injuries.	3	3	9
	Property, Facilities, and Critical Infrastructure	Medium	More than $500,000 but less than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	Medium	Total economic impact is likely to be greater than $100,000, but less than or equal to $10 million.	2	1	2
	Environmental	High	Environmental impact from a single significant event is likely to be substantial, requiring extensive outside resources and support; and/or repair, cleanup, restoration, and/or preservation work.	3	1	3
	Continuity of Operations/Delivery of Services	Medium	Impact lasting between 24 and 72 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	2	1	2
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	No Impact	Climate change trends will not increase the impacts of this hazard.	0	1	0

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Drought	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Medium	Underserved populations exposed to the hazard are likely to experience some adverse/disproportionate impacts, such as injuries requiring acute medical care.	2	3	6
	Property, Facilities, and Critical Infrastructure	High	More than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to 15% or more of the property value within the jurisdiction.	3	2	6
	Economic	High	Total economic impact is likely to be greater than $10 million.	3	1	3
	Environmental	High	Environmental impact from a single significant event is likely to be substantial, requiring extensive outside resources and support; and/or repair, cleanup, restoration, and/or preservation work.	3	1	3
	Continuity of Operations/Delivery of Services	Medium	Impact lasting between 24 and 72 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	2	1	2
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	High	Climate Change trends will significantly increase the impacts of this hazard.	3	1	3

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Earthquake	***Population and Life Safety***	High	Populations exposed to this hazard are likely to experience significant adverse impacts, such as fatalities and severe injuries.	3	3	9
	Underserved Population	High	Underserved populations exposed to the hazard are likely to experience significant adverse/disproportionate impacts, such as fatalities and severe injuries.	3	3	9
	Property, Facilities, and Critical Infrastructure	Medium	More than $500,000 but less than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	Medium	Total economic impact is likely to be greater than $100,000, but less than or equal to $10 million.	2	1	2
	Environmental	High	Environmental impact from a single significant event is likely to be substantial, requiring extensive outside resources and support; and/or repair, cleanup, restoration, and/or preservation work.	3	1	3
	Continuity of Operations/Delivery of Services	High	Impact lasting more than 72 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	3	1	3
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	No Impact	Climate change trends will not increase the impacts of this hazard.	0	1	0

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Riverine Flooding *(Flood)*	***Population and Life Safety***	Medium	Populations exposed to this hazard are likely to experience some adverse impacts, such as injuries requiring acute medical care.	2	3	6
	Underserved Population	High	Underserved populations exposed to the hazard are likely to experience significant adverse/disproportionate impacts, such as fatalities and severe injuries.	3	3	9
	Property, Facilities, and Critical Infrastructure	Medium	More than $500,000 but less than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	Medium	Total economic impact is likely to be greater than $100,000, but less than or equal to $10 million.	2	1	2
	Environmental	Medium	Environmental impact from a single significant event is likely to be localized, requiring some outside resources and support; and/or repair, cleanup, restoration, or preservation work.	2	1	2
	Continuity of Operations/Delivery of Services	Low	Impact lasting less than 24 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	1	1	1
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	High	Climate Change trends will significantly increase the impacts of this hazard.	3	1	3

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Urban/Flash Flooding ***(Flood)***	***Population and Life Safety***	Medium	Populations exposed to this hazard are likely to experience some adverse impacts, such as injuries requiring acute medical care.	2	3	6
	Underserved Population	High	Underserved populations exposed to the hazard are likely to experience significant adverse/disproportionate impacts, such as fatalities and severe injuries.	3	3	9
	Property, Facilities, and Critical Infrastructure	Medium	More than $500,000 but less than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	Medium	Total economic impact is likely to be greater than $100,000, but less than or equal to $10 million.	2	1	2
	Environmental	Medium	Environmental impact from a single significant event is likely to be localized, requiring some outside resources and support; and/or repair, cleanup, restoration, or preservation work.	2	1	2
	Continuity of Operations/Delivery of Services	Medium	Impact lasting between 24 and 72 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	2	1	2
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	High	Climate Change trends will significantly increase the impacts of this hazard.	3	1	3

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Coastal Flooding *(Flood)*	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Medium	Underserved populations exposed to the hazard are likely to experience some adverse/disproportionate impacts, such as injuries requiring acute medical care.	2	3	6
	Property, Facilities, and Critical Infrastructure	Medium	More than $500,000 but less than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	Medium	Total economic impact is likely to be greater than $100,000, but less than or equal to $10 million.	2	1	2
	Environmental	Medium	Environmental impact from a single significant event is likely to be localized, requiring some outside resources and support; and/or repair, cleanup, restoration, or preservation work.	2	1	2
	Continuity of Operations/Delivery of Services	Medium	Impact lasting between 24 and 72 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	2	1	2
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	High	Climate Change trends will significantly increase the impacts of this hazard.	3	1	3

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Landslide	***Population and Life Safety***	High	Populations exposed to this hazard are likely to experience significant adverse impacts, such as fatalities and severe injuries.	3	3	9
	Underserved Population	High	Underserved populations exposed to the hazard are likely to experience significant adverse/disproportionate impacts, such as fatalities and severe injuries.	3	3	9
	Property, Facilities, and Critical Infrastructure	High	More than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to 15% or more of the property value within the jurisdiction.	3	2	6
	Economic	Medium	Total economic impact is likely to be greater than $100,000, but less than or equal to $10 million.	2	1	2
	Environmental	High	Environmental impact from a single significant event is likely to be substantial, requiring extensive outside resources and support; and/or repair, cleanup, restoration, and/or preservation work.	3	1	3
	Continuity of Operations/Delivery of Services	Low	Impact lasting less than 24 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	1	1	1
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	Medium	Climate Change trends will increase the impacts of this hazard, but not significantly.	2	1	2

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Sea Level Rise	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Medium	Underserved populations exposed to the hazard are likely to experience some adverse/disproportionate impacts, such as injuries requiring acute medical care.	2	3	6
	Property, Facilities, and Critical Infrastructure	Medium	More than $500,000 but less than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	Medium	Total economic impact is likely to be greater than $100,000, but less than or equal to $10 million.	2	1	2
	Environmental	Low	Environmental impact from a single significant event is likely to be minimal, requiring little to no outside resources and support; and/or minimal repair, cleanup, restoration, or preservation work.	1	1	1
	Continuity of Operations/Delivery of Services	No Impact	No impact on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	0	1	0
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	High	Climate Change trends will significantly increase the impacts of this hazard.	3	1	3

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Heavy Rainfall *(Severe Weather)*	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Medium	Underserved populations exposed to the hazard are likely to experience some adverse/disproportionate impacts, such as injuries requiring acute medical care.	2	3	6
	Property, Facilities, and Critical Infrastructure	Medium	More than $500,000 but less than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	Medium	Total economic impact is likely to be greater than $100,000, but less than or equal to $10 million.	2	1	2
	Environmental	Medium	Environmental impact from a single significant event is likely to be localized, requiring some outside resources and support; and/or repair, cleanup, restoration, or preservation work.	2	1	2
	Continuity of Operations/Delivery of Services	Medium	Impact lasting between 24 and 72 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	2	1	2
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	Medium	Climate Change trends will increase the impacts of this hazard, but not significantly.	2	1	2

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Heat Wave/Extreme Heat ***(Severe Weather)***	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Medium	Underserved populations exposed to the hazard are likely to experience some adverse/disproportionate impacts, such as injuries requiring acute medical care.	2	3	6
	Property, Facilities, and Critical Infrastructure	No Impact	Little to no property, facilities, and infrastructure damage is expected from a single significant event.	0	2	0
	Economic	Low	Total economic impact is not likely to be greater than $100,000.	1	1	1
	Environmental	Low	Environmental impact from a single significant event is likely to be minimal, requiring little to no outside resources and support; and/or minimal repair, cleanup, restoration, or preservation work.	1	1	1
	Continuity of Operations/Delivery of Services	No Impact	No impact on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	0	1	0
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	High	Climate Change trends will significantly increase the impacts of this hazard.	3	1	3

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Fog *(Severe Weather)*	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Low	Underserved populations exposed to the hazard are likely to experience minimal adverse/disproportionate impacts, such as ambulatory injuries.	1	3	3
	Property, Facilities, and Critical Infrastructure	Low	Less than $500,000 in property, facilities, and infrastructure damages is expected from a single significant event, or damages are expected to occur to less than 5% of the property value within the jurisdiction.	1	2	2
	Economic	Low	Total economic impact is not likely to be greater than $100,000.	1	1	1
	Environmental	Low	Environmental impact from a single significant event is likely to be minimal, requiring little to no outside resources and support; and/or minimal repair, cleanup, restoration, or preservation work.	1	1	1
	Continuity of Operations/Delivery of Services	Low	Impact lasting less than 24 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	1	1	1
	Future Development	No Impact	Future development trends will not increase the impacts of this hazard, and/or may even decrease it.	0	1	0
	Climate Change	No Impact	Climate change trends will not increase the impacts of this hazard.	0	1	0

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Severe Thunderstorm *(Severe Weather)*	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Medium	Underserved populations exposed to the hazard are likely to experience some adverse/disproportionate impacts, such as injuries requiring acute medical care.	2	3	6
	Property, Facilities, and Critical Infrastructure	Medium	More than $500,000 but less than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	Low	Total economic impact is not likely to be greater than $100,000.	1	1	1
	Environmental	Low	Environmental impact from a single significant event is likely to be minimal, requiring little to no outside resources and support; and/or minimal repair, cleanup, restoration, or preservation work.	1	1	1
	Continuity of Operations/Delivery of Services	Low	Impact lasting less than 24 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	1	1	1
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	Low	Climate Change trends will minimally increase the impacts of this hazard.	1	1	1

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Tornado ***(Severe Weather)***	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Low	Underserved populations exposed to the hazard are likely to experience minimal adverse/disproportionate impacts, such as ambulatory injuries.	1	3	3
	Property, Facilities, and Critical Infrastructure	Low	Less than $500,000 in property, facilities, and infrastructure damages is expected from a single significant event, or damages are expected to occur to less than 5% of the property value within the jurisdiction.	1	2	2
	Economic	Medium	Total economic impact is likely to be greater than $100,000, but less than or equal to $10 million.	2	1	2
	Environmental	Low	Environmental impact from a single significant event is likely to be minimal, requiring little to no outside resources and support; and/or minimal repair, cleanup, restoration, or preservation work.	1	1	1
	Continuity of Operations/Delivery of Services	Low	Impact lasting less than 24 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	1	1	1
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	Low	Climate Change trends will minimally increase the impacts of this hazard.	1	1	1

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Strong Winds *(Severe Weather)*	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Medium	Underserved populations exposed to the hazard are likely to experience some adverse/disproportionate impacts, such as injuries requiring acute medical care.	2	3	6
	Property, Facilities, and Critical Infrastructure	Low	Less than $500,000 in property, facilities, and infrastructure damages is expected from a single significant event, or damages are expected to occur to less than 5% of the property value within the jurisdiction.	1	2	2
	Economic	Low	Total economic impact is not likely to be greater than $100,000.	1	1	1
	Environmental	Low	Environmental impact from a single significant event is likely to be minimal, requiring little to no outside resources and support; and/or minimal repair, cleanup, restoration, or preservation work.	1	1	1
	Continuity of Operations/Delivery of Services	Low	Impact lasting less than 24 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	1	1	1
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	Low	Climate Change trends will minimally increase the impacts of this hazard.	1	1	1

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Tsunami	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Low	Underserved populations exposed to the hazard are likely to experience minimal adverse/disproportionate impacts, such as ambulatory injuries.	1	3	3
	Property, Facilities, and Critical Infrastructure	Low	Less than $500,000 in property, facilities, and infrastructure damages is expected from a single significant event, or damages are expected to occur to less than 5% of the property value within the jurisdiction.	1	2	2
	Economic	Low	Total economic impact is not likely to be greater than $100,000.	1	1	1
	Environmental	Low	Environmental impact from a single significant event is likely to be minimal, requiring little to no outside resources and support; and/or minimal repair, cleanup, restoration, or preservation work.	1	1	1
	Continuity of Operations/Delivery of Services	Low	Impact lasting less than 24 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	1	1	1
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	No Impact	Climate change trends will not increase the impacts of this hazard.	0	1	0

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Wildfire	***Population and Life Safety***	Medium	Populations exposed to this hazard are likely to experience some adverse impacts, such as injuries requiring acute medical care.	2	3	6
	Underserved Population	High	Underserved populations exposed to the hazard are likely to experience significant adverse/disproportionate impacts, such as fatalities and severe injuries.	3	3	9
	Property, Facilities, and Critical Infrastructure	High	More than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to 15% or more of the property value within the jurisdiction.	3	2	6
	Economic	High	Total economic impact is likely to be greater than $10 million.	3	1	3
	Environmental	High	Environmental impact from a single significant event is likely to be substantial, requiring extensive outside resources and support; and/or repair, cleanup, restoration, and/or preservation work.	3	1	3
	Continuity of Operations/Delivery of Services	High	Impact lasting more than 72 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	3	1	3
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	High	Climate Change trends will significantly increase the impacts of this hazard.	3	1	3

APPENDIX D. PLAN ADOPTION

[Placeholder for adoption documentation after State and FEMA approval]