COUNTY OF SAN MATEO
EMERGENCY MANAGEMENT

Local Hazard Mitigation Plan

San Mateo County, California

San Mateo County Office of Education 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 County Office of Education (SMCOE), 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 SMCOE. This Annex provides additional information specific to the Special 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 SMCOE 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
Becky Stephan	Coordinator	School Safety and Student Supports
Ron Soper	Director	Sustainable Construction and Facilities
Rich Maldonado	Manager	Maintenance and Operations
Valerie Arbizu	Executive Director	Safe and Supportive Schools
Ian Bain	Executive Director	Strategy and Communications
Julie Hilborn	Director	Environmental Literacy and Sustainability

2. JURISDICTION PROFILE

SMCOE supports the school sites within SMCOE and the 23 local school districts in San Mateo County by providing services that can be done more efficiently and economically at the County level. This includes instructional, safety, and technical support to school districts, instruction for students with significant disabilities and those in the juvenile justice system, and the development of the education workforce. SMCOE is a leader in creating environmentally literate and sustainable schools and plays a key role in developing safe, supportive, and welcoming schools across San Mateo County. The Special District's service area covers 744 square miles of the County, bordered by the Pacific Ocean to the west and the San Francisco Bay to the east, serving a population of over 90,000 students. SMCOE covers 4.23 acres across various locations throughout the County (**Table 1**). SMCOE provides emergency management guidance and technical support to all 23 school districts, charter schools, and private schools within San Mateo County

2.1. Governing Body Format

The agency is jointly governed by an elected Superintendent and a seven (7) member elected Board of Education. The Board of Education will assume responsibility for adopting this Plan, and the Coordinators will oversee its implementation.

2.2. Population

The Special District serves a population of over 83,000 students.

2.3. Assets

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

Table 1. San Mateo County Office of Education Assets

Asset	Value
Property and Critical Facilities and Infrastructure	
Central Office *(101 Twin Dolphin Drive, Redwood City, CA 94065)*	$26,915,891
Currently Unoccupied Building: ROP Building *(1800 Rollins Road, Burlingame, CA 94010)*	$13,766,078
Main Building and Palos Verdes Site *(1290 Commodore Drive, San Bruno, CA 94066)*	$8,870,304
Leased Facility: Vocational Educational Building and El Portal Site *(1280 Commodore Drive, San Bruno, CA 94066)*	$8,026,632
Leased Facility: Main Building and ECE Center *(65 Tower Road, San Mateo, CA 94402)*	$14,167,363
Leased Facility: Gateway Center *(35 Tower Road, San Mateo, CA 94402)*	$1,239,296
TOTAL	**$72,985,564**

3. CHANGES IN DEVELOPMENT

While SMCOE has not had any significant development in the past five (5) years and is not expecting any significant development in the next five (5) years, each school district in San Mateo County has special projects or developments, as outlined in their master facilities plan, if they have one. SMCOE has not annexed any land and does not expect to annex any in the near future. However, the annexation of additional land in the County varies by school district, as outlined in their master facilities plan, if they have one.

3.1. Changes in Priority

SMCOE'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.

Any changes in priorities for each school district in San Mateo County are identified in the corresponding Master Facility Plan or in board meeting minutes. Funding sources and climate change are factors that contribute to changes or adjustments in priorities.

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 SMCOE's authorities, policies, programs, and resources. Goals and mitigation actions were developed using input from this assessment.

The Local Planning Team assessed SMCOE'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 Special District's day-to-day activities were considered.

4.1. Planning and Regulatory Capabilities

SMCOE 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	County	San Mateo County Board of Education	2023-2028 Strategic Plan, updated every five (5) years
Capital Improvement Plan	No	n/a	n/a	n/a

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.)*
Floodplain Management / Basin Plan	No	n/a	n/a	n/a
Stormwater Management Plan	No	n/a	n/a	n/a
Open Space Plan	No	n/a	n/a	n/a
Stream Corridor Management Plan	No	n/a	n/a	n/a
Watershed Management or Protection Plan	No	n/a	n/a	n/a
Economic Development Plan	No	n/a	n/a	n/a
Comprehensive Emergency Management Plan	Yes	County	San Mateo County Office of Education	Comprehensive School Safety Plan, updated annually
Emergency Operations Plan	No	n/a	n/a	n/a
Evacuation Plan	Yes	County	San Mateo County Office of Education	Specific by building within SMCOE
Post-Disaster Recovery Plan	No	n/a	n/a	n/a
Transportation Plan	No	n/a	n/a	n/a
Strategic Recovery Planning Report	No	n/a	n/a	n/a
Climate Adaptation Plan	Yes	Local	Superintendent	Sustainability and Climate Readiness Program Superintendent Policy 3511 (Energy and Water Management) Superintendent Policy 3510 (Green School Operations) Superintendent Policy 5030 (Student Wellness)
Resilience Plan	No	n/a	n/a	n/a
Regulatory Capability				
California Education Code	Yes	State	California Department of Education	Title 5 of the California Code of Regulations Titles 1, 2, and 3 of the California Law
United States Education Code	Yes	Federal	United States Department of Education	Title 34 of the Code of Federal Regulations
Building Code	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.)*
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
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 Education
Mitigation Planning Committee	No	n/a
Environmental Board/Commission	No	n/a
Open Space Board/Committee	No	n/a

Capability	Yes/No	Comments *(e.g., position, department, agency, explanation)*
Economic Development Commission/Committee	No	n/a
Maintenance programs to reduce risk	No	n/a
Mutual Aid Agreements	No	n/a
Technical/Staffing Capabilities		
Planner(s) or engineer(s) with knowledge of land development and land management practices	No	n/a
Engineer(s) or professional(s) trained in building or infrastructure construction practices	Yes	SMCOE
Planners or engineers with an understanding of natural hazards	No	n/a
NFIP Floodplain Administrator	No	n/a
Surveyor(s)	No	n/a
Personnel skilled or trained in GIS applications	No	n/a
A scientist familiar with natural hazards	No	n/a
Warning systems/services	Yes	SMC Alert, in partnership with the San Mateo County Department of Emergency Management, Talking Points-communication with staff and families within SMCOE
Emergency manager	No	n/a
Grantwriter(s)	Yes	Multiple Divisions
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 SMCOE 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	No
Authority to levy taxes for specific purposes	No

Capability	Accessible or Eligible to Use
User fees for water, sewer, gas, or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	No
Incur debt through special tax bonds	No
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 Special 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	Strategy and Communications Department
Personnel skilled or trained in website development	Yes	Strategy and Communications Department
Hazard mitigation information is available on the jurisdiction's website	Yes	We have information related to Readiness and Emergency Management for Schools (REMS), Hazard Responses, and Facilities Report, which includes some hazard mitigation.
Utilize social media for hazard mitigation education and outreach	Yes	**Facebook:** facebook.com/SanMateoCOE/ **Instagram:** instagram.com/sanmateocoe/ **YouTube:** youtube.com/channel/UCBq7ACzHrfCoKVKbp5xV4mg **LinkedIn:** linkedin.com/company/san-mateo-county-office-of-education/?originalSubdomain=hr
Citizen boards or commissions that address issues related to hazard mitigation	Yes	The County School Board Youth Advisory Committee Youth Climate Change
Other programs already in place that could be used to communicate hazard-related information	Yes	Coalition for Safe Schools and Communities

Capability	Yes/No	Comments *(e.g., position, department, agency, explanation)*
An established warning system for hazard events	Yes	SMC Alert, in partnership with the San Mateo County Department of Emergency Management School Leaders County Office Incident Command Staff Talking Points alert systems for SMCOE staff and families

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 SMCOE.

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

SMCOE 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).

- To increase the Special District's capability to identify and apply for hazard mitigation grants and fund the local match for hazard mitigation grants, the Special District needs to expand its grant writing capabilities by potentially hiring more grant writers.
- Enhance the Special District's GIS capabilities to more effectively integrate current hazard data, improve vulnerability mapping accuracy, and better prioritize mitigation projects.

5. NATIONAL FLOOD INSURANCE PROGRAM

As a special district, the SMCOE 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, SMCOE 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
Emergency Preparedness Plans	Hazard data and mitigation priorities from the LHMP informed the County School District Emergency Preparedness Plans. The LHMP served as a crucial tool in shaping policies and actions within these plans.
Coalition for Safe Schools and Communities	The Big Five Administrators Packet standardizes the emergency response framework and integrates mitigation considerations into its response actions to reduce the Special District's risk exposure. The LHMP is a key tool supporting this initiative. Additionally, the hazard data and mitigation priorities from the LHMP inform the prioritization of facilities and infrastructure improvements in the Facilities Report. Mitigation goals are embedded in both long-range planning and day-to-day operations, and risk reduction projects are identified and included in the LHMP, as appropriate.
Sustainable and Climate Resilient Schools Strategic Plan	Hazard data and mitigation priorities from the LHMP informed the Sustainable and Climate Resilient Schools Strategic Plan. The LHMP was a crucial tool in shaping policies and actions.

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
Emergency Preparedness Plans	Hazard data and mitigation priorities from the LHMP will continue to inform the Special District's Emergency Preparedness Plans. The LHMP will serve as a crucial tool for shaping policies and actions within these plans.
Coalition for Safe Schools and Communities	The Big Five Administrators Packet standardizes the emergency response framework and integrates mitigation considerations into its response actions to reduce the Special District's risk exposure. The LHMP update will be used as a tool supporting this initiative. Additionally, the hazard data and mitigation priorities from the LHMP will inform the prioritization of facilities and infrastructure improvements in updates to the Facilities Report. Mitigation goals will continue to be embedded in both long-range planning and day-to-day operations, and risk reduction projects will be identified and included in the LHMP, as appropriate.
Sustainable and Climate Resilient Schools Strategic Plan	Hazard data and mitigation priorities from the LHMP will inform updates of the Sustainable and Climate Resilient Schools Strategic Plan, and serve as a crucial tool in shaping future policies and actions.

The Special 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.

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**.

- Earthquake
- Flood *(riverine flooding, urban/flash flooding, coastal flooding)*
- Landslide
- Sea Level Rise
- Tsunami
- 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
- Drought
- Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*

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 9 outlines the ***unique vulnerabilities and impacts*** for SMCOE 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 9. Hazard Vulnerability and Impact Assessment

Hazard	Vulnerability and Impacts
Dam Failure	The Local Planning Team determined that the Special 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 Local Planning Team determined that the Special District does not have unique vulnerabilities or impacts from drought; rather, the jurisdiction's vulnerabilities and impacts are consistent with those experienced throughout the County.

Hazard	Vulnerability and Impacts
Earthquake	The 23 school districts within the county, SMCOE, and SMCOE school sites are vulnerable to earthquakes due to their location along the San Andreas Fault and the risk posed by the San Gregorio and Hayward faults. SMCOE facilities and infrastructure are uniquely vulnerable because many are located within liquefaction zones. Furthermore, many buildings within the Special District are older and have not been seismically retrofitted. School sites and buildings are prime for ground movement, liquefaction, and landslides based on their locations. Children under the age of 18 are considered a vulnerable population as their safety relies on others to make critical decisions during an emergency.
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	School facilities and infrastructure uniquely impacted by coastal and urban/flash flooding include those in San Carlos; Atherton (El Camino Real); Redwood City, near the mobile home parks; the East Bay shore in Redwood City and Menlo Park; and Old County Road in Belmont. School classrooms and facilities can be flooded, disrupting instruction and learning, and delaying the release of students if roads are inaccessible. Children under the age of 18 are considered a vulnerable population as their safety relies on others to make critical decisions during an emergency.
Landslide	School and school district facilities and infrastructure at risk of landslides are located in Devil's Slide, State Route 84 between Woodside and Skyline Boulevard, Tunitas Creek Road east of Skyline Boulevard, Old La Honda Road, and the Pacifica coastline. School classrooms and facilities can be affected, causing disruptions to instruction and learning and delays in the release of students if roads are inaccessible. Children under the age of 18 are considered a vulnerable population as their safety relies on others to make critical decisions during an emergency.
Sea Level Rise	School and school district facilities and infrastructure in Redwood Shores and Foster City, schools on the east side of the County, and SMCOE offices are vulnerable to the impacts of sea level rise. Sea level rise can impact the Special District by threatening physical safety, disrupting daily operations, transportation access, and straining financial resources. Any schools located within a sea level rise inundation scenario can become permanently inundated over the long term, resulting in the loss of facilities and the forced relocation of students. Beyond surface flooding, the rising water table triggers saltwater intrusion and the emergence of groundwater, which can destabilize the foundations of facilities and infrastructure long before the Bay overtops. This can be particularly critical for the San Mateo school district and school facilities in Redwood Shores and Foster City, as they are located in some of the most vulnerable areas in 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 Special 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	Red Tsunami Hazard Area: Schools along the coast include Cabrillo Elementary (Pacifica School District), El Granada Elementary (Cabrillo Unified School District), Upgrade Children's Center, and Wilkinson School. Yellow Tsunami Hazard Area: Along the coast include Hatch Elementary and Ingrid B. Lacy Middle School (Pacifica School District), La Costa Adult/Pilarcitos High School, and Pescadero Elementary (Cabrillo Unified School District). Schools along the Bayside of the peninsula include Bowditch Middle School (San Mateo-Foster City School District), Design Tech High School and Peninsula High School (San Mateo Union High School District), Redwood Shores Elementary (Belmont-Redwood Shores Elementary School District), and The Avalon Academy. Tsunamis can impact schools and infrastructure within the Tsunami Hazard Areas by causing structural collapse from the force of moving water or by undermining foundations through rapid soil erosion. Additionally, if a tsunami were to occur during school hours, it would require the immediate, potentially large-scale evacuation of thousands of students and staff to higher ground. Children under the age of 18 are considered a vulnerable population as their safety relies on others to make critical decisions during an emergency.

Hazard	Vulnerability and Impacts
Wildfire	Very High Fire Hazard Severity Zone (FHSZ): Farallone View Elementary, El Granada Elementary, King Mountain Elementary, and Half Moon Bay High (Cabrillo Unified School District), Meadows Elementary (Millbrae Elementary School District), and John Muir Elementary (San Bruno Park School District). High FHSZ: Vallemar School and Linda Mar Education Center (Pacifica School District), La Honda Elementary (La Honda Pescadaro Unified School District), West Elementary School (Hillsborough City School District), and Canyon Oaks Youth Center (San Mateo County Office of Education). Terra Nova High School (Jefferson Union High School District) and Portola Elementary (Portola Valley School District) are partially located between the High and Very High FHSZ. Sites partially located in an FHSZ include Cunha Middle School (Cabrillo Unified School District), Corte Madera School, and the district Office (Portola Valley School District). If a wildfire were to occur during school hours, it would require the immediate, potentially large-scale evacuation of thousands of students and staff. Children under the age of 18 are considered a vulnerable population as their safety relies on others to make critical decisions during an emergency.

The Special 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 10 outlines whether climate change has increased or decreased the Special 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 10. Climate Change: 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

Hazard	Vulnerability and Impact
Landslide	Increased
Sea Level Rise	Remained the Same
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Increased
Tsunami	Remained the Same
Wildfire	Increased
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)*	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 11 outlines whether changes in population within the Special 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 11. 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

Hazard	Vulnerability and Impact
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

Table 12 outlines whether development over the past five (5) years has increased or decreased the Special 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 12. 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

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

8.1. Future Major Assets

Community assets include anything that build on our 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. Although all assets may be affected by the hazards identified in this LHMP, the jurisdiction has identified that future major structures and system assets may be at risk due to the various natural hazards identified in this LHMP, particularly related to earthquakes and flooding. 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 13 presents the local hazard ranking for SMCOE 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 13** 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 13. San Mateo County Office of Education 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	14	32	64	89
Heavy Rainfall ***(Severe Weather)***	3	12	13	23	48	67
Earthquake	3	18	14	35	67	62
Strong Winds ***(Severe Weather)***	3	9	13	22	44	61
Wildfire	2	18	10	34	62	57
Sea Level Rise	3	6	8	25	39	54
Heat Wave/Extreme Heat ***(Severe Weather)***	3	9	10	15	34	47
Landslide	2	9	9	30	48	44
Riverine Flooding ***(Flood)***	2	12	6	28	46	43
Severe Thunderstorm ***(Severe Weather)***	2	12	13	21	46	43
Drought	2	6	11	22	39	36
Dam Failure	1	12	9	28	49	23
Coastal Flooding ***(Flood)***	1	9	5	25	39	18
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).

SMCOE agreed to **eight (8)** mitigation actions that apply to the jurisdiction's properties for which it has jurisdictional responsibility and authority. A summary of the Special District's mitigation actions status is listed in **Table 14**.

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 13**). Hazards that ranked *low* (dam failure and tsunami) may not have specific mitigation actions detailed in this document.

Table 14. San Mateo County Office of Education Mitigation Actions Summary

Status	Mitigation Action Total
Continuing	0
In Progress	3
Not Yet Started	2
New	3
TOTAL	**8**
Completed	1
No Longer Needed	1

Mitigation Actions per Hazard			
Dam Failure	5	Sea Level Rise	6
Drought	4	Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	8
Earthquake	5	Tsunami	5
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	7	Wildfire	8
Landslide	4		

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

Mitigation Action	Conduct hazard risk assessments of all SMCOE school sites to identify vulnerabilities and subsequently create a template for optional use by other San Mateo County school districts/charter schools. These assessments will support SMCOE in prioritizing long-term structural mitigation projects to reduce the impacts of these vulnerabilities.				
Action Number	OED-1	**Goal(s) Addressed**	1, 2, 3, 4, 5	**Prioritization Score**	34/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	1 to 5 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Flood, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Office of Education				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), Fund 01 Unrestricted Funds, HMGP, FMA, BRIC		
Additional Details *(optional)*					

Mitigation Action	Acquire and install stationary and portable emergency backup power systems (e.g., sustainable battery backup power) for critical facilities and infrastructure at Special District school sites that lack adequate backup power. This will allow for continuity of educational services and reduce the impact on service delivery during and after an emergency or major disaster.				
Action Number	OED-2	**Goal(s) Addressed**	1, 4, 5	**Prioritization Score**	39/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	1-5 Years	**Implementation Priority**	High
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)*	Medium				
Lead Agency / Organization	San Mateo County Office of Education				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	General Fund (Staff Time), Fund 17- Special Reserve Fund Other than Capital Outlay, HMGP, FMA, BRIC		
Additional Details *(optional)*					

Mitigation Action	Implement structural retrofits and infrastructure hardening across SMCOE critical facilities (e.g., school buildings and essential utilities) to mitigate physical loss, ensure the continuity of educational services, and reduce the risk of facility failures and life safety impacts.				
Action Number	OED-3	**Goal(s) Addressed**	1, 2, 3, 5	**Prioritization Score**	30/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	4-5 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Office of Education				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	General Fund (Staff Time), Fund 17 - Special Reserve Fund Other Than Capital Outlay, HMGP, FMA, BRIC		
Additional Details *(optional)*					

Mitigation Action	Develop and institutionalize a climate-resilience curriculum across County schools to provide students with the technical understanding of climate-driven hazards. Integrating risk-reduction education into the formal curriculum fosters community-wide capability to identify and support long-term mitigation strategies.				
Action Number	OED-4	**Goal(s) Addressed**	2, 3, 4, 5	**Prioritization Score**	40/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	4 to 5 Years	**Implementation Priority**	High
Hazard(s) Mitigated		Drought, Flood, Sea Level Rise, Severe Weather, Wildfire			
Project Status		In Progress	If *No Longer Needed*, provide reason.	n/a	
Benefits *(Loss Avoided)*		Medium			
Lead Agency / Organization		San Mateo County Office of Education			
Supporting Agency / Organization *(If applicable)*		San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline), San Mateo County Department of Emergency Management			
Additional Participating Jurisdictions *(If Applicable)*		n/a			
Estimated Cost		Low	**Potential Funding Source**	General Fund (Staff Time), Measure K	
Additional Details *(optional)*					

Mitigation Action	Identify, purchase, or design, and offer emergency mitigation, preparedness, response, and recovery hazard-related curriculum, tabletop exercises, and/or training for schools in San Mateo County. This ensures staff can identify vulnerabilities and implement actions that minimize the impacts of natural hazards.				
Action Number	OED-5	**Goal(s) Addressed**	1, 2, 5	**Prioritization Score**	39/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	4-5 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Office of Education				
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, FMA, BRIC, State education grants		
Additional Details *(optional)*					

Mitigation Action	Purchase and implement emergency warning and response communications systems for internal communication and communication with students' families.				
Action Number	OED-6	**Goal(s) Addressed**	n/a	**Prioritization Score**	n/a
Year Added to the Plan	2021	**Timeline** *(estimated)*	n/a	**Implementation Priority**	n/a
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Severe Weather, Tsunami, Wildfire				
Project Status	Completed	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	n/a				
Lead Agency / Organization	n/a				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	n/a	**Potential Funding Source**	n/a		
Additional Details *(optional)*					

Mitigation Action	Purchase portable generators for critical facilities and infrastructure.				
Action Number	OED-7	**Goal(s) Addressed**	n/a	**Prioritization Score**	n/a
Year Added to the Plan	2021	**Timeline** *(estimated)*	n/a	**Implementation Priority**	n/a
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Severe Weather, Tsunami, Wildfire				
Project Status	No Longer Needed	If *No Longer Needed*, provide reason.	This mitigation action was combined with mitigation action OED-2.		
Benefits *(Loss Avoided)*	n/a				
Lead Agency / Organization	n/a				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	n/a	**Potential Funding Source**	n/a		
Additional Details *(optional)*					

Mitigation Action	Upgrade SMCOE school sites and critical facilities with electric HVAC systems to increase climate-adaptive capacity and ensure operational continuity of educational services during and after emergencies and major disasters.				
Action Number	OED-8	**Goal(s) Addressed**	1, 3, 4	**Prioritization Score**	36/40
Year Added to the Plan	2026	**Timeline** *(estimated)*	1-5 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Earthquake, Severe Weather, Wildfire				
Project Status	New	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	San Mateo County Office of Education				
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, FEMA PA, Fund 17 - Special Reserve Fund Other Than Capital Outlay		
Additional Details *(optional)*					

Mitigation Action	Establish a strategy for SMCOE with for identifying, prioritizing, and securing funding for long-term hazard mitigation projects. This strategy will support a coordinated approach to structural risk reduction and building resilience, which will be incorporated into future San Mateo County Local Hazard Mitigation Plan updates.				
Action Number	OED-9	**Goal(s) Addressed**	1, 2, 3, 4, 5	**Prioritization Score**	40/40
Year Added to the Plan	2026	**Timeline** *(estimated)*	4 to 5 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	New	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Office of Education				
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		
Additional Details *(optional)*					

Mitigation Action	Develop and institutionalize an SMCOE Climate Action Plan to identify and prioritize long-term strategies to reduce the vulnerability of school facilities and operations to climate-driven hazards and their impacts.				
Action Number	OED-10	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	32/40
Year Added to the Plan	2026	**Timeline** *(estimated)*	2 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Flood, Sea Level Rise, Severe Weather, Wildfire				
Project Status	New	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	San Mateo County Office of Education				
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, Fund 01 Unrestricted Funds		
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***	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
Earthquake	***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
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	Low	Low potential that this hazard could be catastrophic.	1	3	3

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***	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

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	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
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	Medium	Changes in development have increased the community's exposure to the hazard between 5% and 9%.	2	1	2

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	Medium	Changes in development have increased the community's exposure to the hazard between 5% and 9%.	2	1	2
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	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
Sea Level Rise	***Population Exposure***	Low	14% or less of the population is exposed to the hazard.	1	3	3
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Medium	Changes in development have increased the community's exposure to the hazard between 5% and 9%.	2	1	2

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	Medium	10% to 24% of the total assessed property value is exposed to a hazard.	2	1	2
	Changes in Development	Medium	Changes in development have increased the community's exposure to the hazard between 5% and 9%.	2	1	2

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	Medium	Future development trends will increase the impacts of this hazard, but not significantly.	2	1	2
	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	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	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	Medium	Future development trends will increase the impacts of this hazard, but not significantly.	2	1	2
	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	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	Medium	Future development trends will increase the impacts of this hazard, but not significantly.	2	1	2
	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	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	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	Medium	Future development trends will increase the impacts of this hazard, but not significantly.	2	1	2
	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	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	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	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	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***	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	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	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	Medium	Future development trends will increase the impacts of this hazard, but not significantly.	2	1	2
	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	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	Medium	Future development trends will increase the impacts of this hazard, but not significantly.	2	1	2
	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***	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	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	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	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	Medium	Future development trends will increase the impacts of this hazard, but not significantly.	2	1	2
	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]