



Local Hazard Mitigation Plan

San Mateo County, California

San Mateo County
Community College
District Annex

DRAFT

2026



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This Annex details the hazard mitigation elements specific to the San Mateo County Community College District (SMCCCD), 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 SMCCCD. 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 SMCCCD 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 |
|-----------------|----------------------------------|--------------------------------|
| Ben'Zara Minkin | Emergency Preparedness Manager | Office of Emergency Management |
| Vince Garcia | Emergency Management Coordinator | Office of Emergency Management |

2. JURISDICTION PROFILE

SMCCCD serves approximately 30,000 people throughout San Mateo County at its three (3) college campuses - Cañada College in Redwood City (opened in 1968), College of San Mateo (CSM) (opened in 1963), and Skyline College in San Bruno (opened in 1969). Its academic and vocational program offerings vary widely in order to meet the educational needs of the community. These programs include transfer programs to the University of California and California State Universities, over 80 vocational degree and certificate programs, advanced professional training, and developmental education to prepare students for college studies. The following is a summary of key information about SMCCCD and its history.

2.1. Brief History

SMCCCD opened in 1922 with 35 students at its Baldwin Campus in Downtown San Mateo. The College originally consisted only of the area within the San Mateo Union High School District; however, the Jefferson Union and Half Moon Bay High School Districts were added in 1937. Sequoia Union High School and South San Francisco Unified School Districts joined in the 1960s, and La Honda-Pescadero Unified School District joined in 1976.

In 1957, the Board of Trustees submitted a \$5.9 million bond request to voters that was approved. The funding from this initiative enabled SMCCCD to acquire the CSM and Skyline campuses. Cañada College's location was purchased in 1962. A second bond issue, approved in 1964, funded a significant portion of the construction of the facilities for the Cañada and Skyline campuses.



2.2. Governing Body Format

SMCCCD maintains boundary lines that match those of San Mateo County and manages \$119.2 million in funds. The District Board of Trustees operates independently of the County government and consists of five (5) members elected by County voters every four (4) years and one (1) student member elected by students for a one (1) year term. Day-to-day operations are managed by the Board-appointed chancellor. Additionally, each college is fully accredited by the Western Association of Schools and Colleges, the recognized local accrediting agency for the western United States, affiliated with the Federation of Regional Accrediting Commissions of Higher Education.

The SMCCCD Chancellor assumes responsibility for adopting this Plan, and the Office of Emergency Management will oversee its implementation.

2.3. Population

SMCCCD serves a population of approximately 30,000, employing almost 1,000 people.

2.4. Assets

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

Table 1. San Mateo County Community College District Assets

| Asset | Value |
|--|---------------------|
| Property | |
| 560 acres of land <ul style="list-style-type: none"> • Cañada College: 124 acres • College of San Mateo: 150 acres • Skyline College: 102 acres • Purisima Creek / State Route 1: 184 acres | \$12,874,918 |
| Equipment | |
| College of San Mateo | \$15,931,600 |
| Cañada College | \$13,430,100 |
| Skyline College | \$19,571,300 |
| District Office | \$5,521,000 |
| Satellite Locations | \$2,000,000 |
| TOTAL | \$69,328,918 |
| Critical Facilities and Infrastructure | |
| College of San Mateo <i>(1700 W. Hillside Boulevard, San Mateo, 94402)</i> | \$337,648,163 |
| Cañada College <i>(4200 Farmhill Boulevard, Redwood City, 94061)</i> | \$525,647,320 |



| Asset | Value |
|---|------------------------|
| Skyline College (3300 College Drive, San Bruno, 94066) | \$257,507,839 |
| District Office (3401 CSM Drive, San Mateo, 94402) | \$6,482,350 |
| Satellite Locations (Menlo Park O'Brien Center, 1200 O'Brien, Menlo Park, 94025; Purisima Creek / State Route 1; Half Moon Bay Center: 225 South Cabrillo Highway) | \$44,169,574 |
| TOTAL | \$1,171,455,246 |

3. CHANGES IN DEVELOPMENT

In the past five (5) years, the District has experienced development that affects exposure to natural hazards. The CSM Coastside campus in Half Moon Bay became operational and is located within a mapped Tsunami Inundation Zone. This introduces facilities, occupants, and critical academic functions to tsunami risk.

Across all three (3) campuses, the District additionally modernized and expanded several buildings, increasing occupancy loads, instructional capacity, and infrastructure assets. As facilities and enrollment have expanded, the value and concentration of assets (e.g., buildings, utilities, life-safety systems, and academic operations) potentially exposed to natural hazards have increased.

Within the next five (5) years, the District anticipates completion of student housing at CSM, with housing planned at Skyline College and Cañada College in subsequent phases. These projects will introduce year-round residential occupancy and increase the concentration of people, structures, and supporting infrastructure on campus. Additionally, a new central boiler plant is planned at Skyline College, expanding critical mechanical infrastructure that supports campus operations and continuity.

The District plans to install a code-compliant Emergency Alert System (EAS) consistent with NFPA 72 to enhance campus-wide emergency notification capability. In compliance with California Assembly Bill 747 (AB 747), the District will install trauma/advanced bleeding control kits in campus facilities. The District is also installing standardized first aid kits, including naloxone (Narcan), in campus buildings to enhance distributed life-safety capabilities and medical response capacity.

Additional capital improvements and modernization projects are anticipated Districtwide, increasing asset value, infrastructure dependency, and occupancy loads. These developments increase the number and value of people, structures, and systems exposed to identified hazards, including earthquake, wildfire smoke, severe storm events, power outage, and localized flooding.

Collectively, these anticipated changes increase population density, critical infrastructure, and asset concentration within the District's hazard environment.

3.1. Changes in Priority

The District's priorities have shifted due to planned student housing development and broader adoption of an all-hazards emergency management framework. Student housing is planned at CSM within the next five (5) years and at all three (3) campuses within the next 10 years. This introduces a residential



population to campuses that have historically operated primarily as commuter institutions. Hazard mitigation planning must therefore account for continuous occupancy, overnight life-safety considerations, and extended continuity requirements.

In addition, the District is operating under an all-hazards emergency management platform for safety policy, planning, mitigation, and response. This approach integrates hazard mitigation considerations into capital planning, building modernization, and Districtwide emergency planning rather than addressing hazards independently.

Building modernization projects are being evaluated for alignment with updated risk assessments and emergency planning requirements. These changes reflect:

- Introduction of residential facilities and associated life-safety considerations.
- Integration of mitigation planning into facilities and capital improvement projects.
- Adoption of a Districtwide all-hazards planning framework.

Overall, the District's mitigation priorities increasingly emphasize life safety, resilience, and continuity across all hazards in a mixed-use academic and residential environment.

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

The Local Planning Team assessed SMCCCD'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

SMCCCD 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 | Chancellor's Office | SWCCCD Strategic Plan (Districtwide) Skyline College Strategic Plan |
| Capital Improvement Plan | Yes | Local | Facilities Planning, Maintenance, & Operations Department | |
| 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 | Yes | Local | Skyline College | Skyline College Business and Marketing Plan |
| Comprehensive Emergency Management Plan | No | n/a | n/a | n/a |
| Emergency Operations Plan | Yes | Local | Office of Emergency Management, Public Safety Department | Emergency Operations Plan (EOP) Cañada College EOP College of San Mateo EOP Skyline College EOP |
| Evacuation Plan | Yes | Local | Office of Emergency Management, Public Safety Department | Evacuation planning is included in the EOP and Emergency Action Plan |
| Post-Disaster Recovery 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.) |
|---|--------|--|---|--|
| 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 | Sustainability Department | Cañada Sustainability Plan CSM Sustainability Plan Skyline Sustainability Plan |
| Resilience Plan | No | n/a | n/a | n/a |
| Facilities Master Plan | Yes | Local | Facilities Planning, Maintenance, & Operations Department | Facilities Master Plan (Districtwide) |
| District Hazardous Materials Business Plan | Yes | Local | Facilities Planning, Maintenance, & Operations Department | |
| Regulatory Capability | | | | |
| 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 |
| 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 |



| 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.) |
|------------------------------------|--------|--|--------------------------------------|--|
| Real Estate Disclosure Requirement | Yes | State | California Department of Real Estate | Section 1102 of the California Civil Code |

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 | SMCCCD Board of Trustees Canada College Planning and Building Council College of San Mateo Institutional Planning Committee Skyline College Strategic Planning and Allocation of Resources Committee (SPARC) |
| Mitigation Planning Committee | Yes | SMCCCD Managers' Health and Safety Committee Canada College Safety Committee College of San Mateo Safety Committee Skyline College Health, Safety, and Emergency Preparedness Committee |
| Environmental Board/Commission | No | n/a |
| Open Space Board/Committee | No | n/a |
| Economic Development Commission/Committee | No | n/a |
| Maintenance programs to reduce risk | Yes | Facilities Planning, Maintenance, & Operations Department |
| Mutual Aid Agreements | Yes | First response municipal partners |
| Technical/Staffing Capabilities | | |
| Planner(s) or engineer(s) with knowledge of land development and land management practices | Yes | Facilities Planning, Maintenance, & Operations Department |
| Engineer(s) or professional(s) trained in building or infrastructure construction practices | Yes | Facilities Planning, Maintenance, & Operations Department |
| Planners or engineers with an understanding of natural hazards | Yes | Facilities Planning, Maintenance, & Operations Department |
| NFIP Floodplain Administrator | No | n/a |



| Capability | Yes/No | Comments <i>(e.g., position, department, agency, explanation)</i> |
|---|--------|---|
| Surveyor(s) | No | n/a |
| Personnel skilled or trained in GIS applications | Yes | Geography Department (Academics) |
| A scientist familiar with natural hazards | Yes | Geography Department (Academics) |
| Warning systems/services | Yes | Dedicated facility personnel to enhance Emergency Management notification systems. RAVE (Emergency Alert System) SMC Alert, in partnership with the San Mateo County Department of Emergency Management |
| Emergency manager | Yes | Vice Chancellor Maintenance and Operations Division, Facilities Planning, Maintenance, & Operations Department |
| Grantwriter(s) | Yes | Financial Services and through the Foundation |
| Staff with expertise or training in benefit cost analysis | Yes | Financial Services Department |
| Professionals trained in conducting damage assessments | Yes | Facilities Planning, Maintenance, & Operations Department |

4.3. Fiscal Capabilities

Table 4 lists fiscal capabilities available to SMCCCD 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>(i.e., Hazard Mitigation Grant Program (HMGP), HMGP Post Fire, Flood Mitigation Assistance (FMA) Program)</i> | No |
| Capital improvements project funding | Yes (Capital Outlay Projects) |
| Authority to levy taxes for specific purposes | No |
| User fees for water, sewer, gas, or electric service | Yes (Enrollment fees, non-resident tuition, contractor water and utility fees) |
| Impact fees for homebuyers or developers of new development/homes | No |
| Stormwater utility fee | No |
| Incur debt through general obligation bonds | Yes |



| Capability | Accessible or Eligible to Use |
|--|------------------------------------|
| Incur debt through special tax bonds | Yes (Parcel tax for operations) |
| 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 <i>(e.g., position, department, agency, explanation)</i> |
|--|--------|--|
| Public Information Officer | Yes | Marketing, Communications, and Public Relations Office District Director of Community and Government Relations |
| Personnel skilled or trained in website development | Yes | Marketing, Communications, and Public Relations Office Information Technology Services |
| Hazard mitigation information is available on the jurisdiction’s website | No | n/a |
| Utilize social media for hazard mitigation education and outreach | Yes | Each college campus has its own social media accounts (Facebook, X, LinkedIn, and Instagram). Accounts are not targeted for hazard mitigation education and outreach, but can be used to disseminate such information. |
| Citizen boards or commissions that address issues related to hazard mitigation | Yes | Safety Committees |
| Other programs already in place that could be used to communicate hazard-related information | Yes | Emergency Preparedness webpage Public Safety Department websites (for each campus) Safety brochures and tips are available online |
| An established warning system for hazard events | Yes | RAVE (Emergency Text Notifications) 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 SMCCCD.

Table 6. Community Classifications

| Program | Yes/No | Classification <i>(if applicable)</i> | Date Classified <i>(if applicable)</i> |
|---|--------|--|---|
| 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

SMCCCD 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).

- Comprehensive revision and improvements of the District Emergency Operations Plan (EOP) to reflect recent developments, planned student housing, expanded facilities, and changes in operational footprint. Updating the EOP is a priority to establish a common operating picture across all District sites and ensure consistency in roles, communications, and incident management.
- Expand infrastructure resilience planning, including expansion of backup power capacity, utility redundancy, and continuity planning for critical campus systems, particularly in anticipation of year-round residential operations.
- Improve integration of hazard mitigation considerations into capital improvement and modernization planning processes to ensure new development and major upgrades are evaluated for risk exposure and continuity impacts.
- Improvement and expansion of emergency notification systems, life safety infrastructure, and distributed medical response capability consistent with applicable codes and state requirements.
- Although the District operates under the California Building Code and applicable state regulatory frameworks, strengthening internal planning integration and operational alignment remains a key capability priority.



5. NATIONAL FLOOD INSURANCE PROGRAM

As a special district, the SMCCCD 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, SMCCCD 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 |
|---|---|
| Capital Improvement Plan | The District maintains consistency between the LHMP and the Capital Improvement Plan to ensure hazard mitigation is embedded in infrastructure planning. Hazard exposure, life safety requirements, seismic considerations, and infrastructure resilience needs are reviewed during capital project planning, design, and modernization efforts that address hazard vulnerabilities outlined in the LHMP. |
| Emergency Operations Plan and Related Safety Planning | The Emergency Operations Plan (EOP) and other related public safety plans integrate mitigation considerations into their response actions to reduce the community's risk exposure. The LHMP is an essential tool for updating the District and Campus EOPs. Hazard identification, risk assessment findings, and mitigation priorities inform updates to emergency planning, annex development, and operational procedures. |



| Planning Initiative | Current Integration Description |
|------------------------------------|--|
| Shared Governance Safety Structure | The District maintains four (4) safety committees, one (1) at each campus and a District Safety Committee that provides oversight and coordination. Hazard mitigation issues, risk findings, and safety-related capital needs are placed on committee agendas and reviewed through the District's shared governance model. This structure provides a formal mechanism for evaluating risks, prioritizing mitigation-related improvements, and integrating hazard considerations into operational and planning decisions. |

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 |
|------------------------------------|---|
| Shared Governance Safety Structure | Hazard mitigation data and identified risks will continue to be introduced through campus safety committees, elevated to the District Safety Committee as appropriate, and incorporated into facilities planning, policy development, and capital planning processes. This governance framework ensures mitigation considerations are systematically reviewed and aligned across all District sites. |
| Emergency Operations Plan | The District is planning a comprehensive revision of the District Emergency Operations Plan (EOP) to reflect recent developments, planned student housing, expanded facilities, and changes in operational footprint, and will consult and integrate hazard mitigation from this LHMP. Updating the EOP is a priority to establish a common operating picture across all District sites and ensure consistency in roles, communications, and incident management. |
| Capital Improvement Plan | The District will formally integrate hazard mitigation considerations from this LHMP into capital improvement and modernization planning processes to ensure new development and major upgrades are evaluated for risk exposure and continuity impacts. The District is planning to increase infrastructure resilience planning and will review, consider, and integrate hazard mitigation aspects of this LHMP. |

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 SMCCCD.

Table 9. Significant Past Events

| Date | Event Type <i>(include Disaster Declaration, if applicable)</i> | Description of Event and Impacts |
|------|--|--|
| 2020 | Wildfire Smoke | Poor air quality index (AQI) ratings due to the Northern California wildfire smoke led to campus closures. |

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 determined that the planning area **did not have unique vulnerabilities or impacts** from any of the County's natural hazards; rather, its vulnerabilities and impacts are consistent with those experienced throughout the County based on the hazards profiled in **Volume 1**.

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

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 SMCCCD 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 Local Planning Team determined that the 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. |
| Earthquake | The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from earthquakes; rather, the jurisdiction’s vulnerabilities and impacts are consistent with those experienced throughout the County. |
| Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>) | The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from flooding; rather, the jurisdiction’s vulnerabilities and impacts are consistent with those experienced throughout the County. |
| Landslide | The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from landslides; rather, the jurisdiction’s vulnerabilities and impacts are consistent with those experienced throughout the County. |
| 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. |
| Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>) | 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 | The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from wildfire; rather, the jurisdiction’s vulnerabilities and impacts are consistent with those experienced throughout the County. |

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 | Increased |
| Drought | Increased |
| Earthquake | Increased |
| Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>) | Increased |
| Landslide | Increased |
| Sea Level Rise | Increased |
| Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>) | Increased |
| Tsunami | Increased |
| Wildfire | Increased |
| Future Vulnerability and Impact | |
| Dam Failure | Increase |
| Drought | Increase |
| Earthquake | Increase |
| Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>) | Increase |
| Landslide | Increase |
| Sea Level Rise | Increase |
| Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>) | Increase |
| Tsunami | Increase |
| 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 | Increased |
| Drought | Increased |
| Earthquake | Increased |
| Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>) | Increased |
| Landslide | Increased |
| Sea Level Rise | Increased |
| Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>) | Increased |
| Tsunami | Increased |
| Wildfire | Increased |
| Future Vulnerability and Impact | |
| Dam Failure | Increase |
| Drought | Increase |
| Earthquake | Increase |
| Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>) | Increase |
| Landslide | Increase |
| Sea Level Rise | Increase |
| Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>) | Increase |
| Tsunami | Increase |
| Wildfire | Increase |

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 | Increased |
| Drought | Increased |
| Earthquake | Increased |
| Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>) | Increased |



| Hazard | Vulnerability and Impact |
|--|--------------------------|
| Landslide | Increased |
| Sea Level Rise | Increased |
| Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>) | Increased |
| Tsunami | Increased |
| Wildfire | Increased |
| Future Vulnerability and Impact | |
| Dam Failure | Increase |
| Drought | Increase |
| Earthquake | Increase |
| Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>) | Increase |
| Landslide | Increase |
| Sea Level Rise | Increase |
| Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>) | Increase |
| Tsunami | Increase |
| Wildfire | Increase |

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. Although all assets may be affected by the hazards identified in this LHMP, the jurisdiction has identified future major assets that may be more vulnerable and impacted by these hazards. Future major assets that may be exposed to natural hazards include residential populations, instructional facilities, and critical building systems.

- The CSM Coastside location is located within a mapped Tsunami Inundation Zone and may be vulnerable to tsunami and long-term sea level rise impacts. Assets include instructional facilities, occupants, and associated building systems.
- Planned student housing at CSM and future housing at Skyline College and Cañada College will introduce year-round residential populations. These facilities may be exposed to earthquakes, wildfire smoke, severe storm events, power outages, and localized flooding, depending on site conditions.
- The planned central boiler plant at Skyline College represents critical mechanical infrastructure and may be exposed to earthquakes and power disruption hazards.



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 SMCCCD 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 County Community College 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 | 14 | 32 | 64 | 89 |
| Heavy Rainfall (Severe Weather) | 3 | 12 | 13 | 23 | 48 | 67 |
| Earthquake | 2 | 18 | 14 | 35 | 67 | 62 |
| Wildfire | 2 | 18 | 10 | 34 | 62 | 57 |
| Landslide | 2 | 9 | 9 | 35 | 50 | 46 |
| Severe Thunderstorm (Severe Weather) | 2 | 12 | 13 | 21 | 46 | 43 |
| Riverine Flooding (Flood) | 2 | 12 | 5 | 28 | 45 | 42 |
| Strong Winds (Severe Weather) | 2 | 9 | 13 | 22 | 44 | 41 |
| Sea Level Rise | 2 | 6 | 8 | 25 | 39 | 36 |
| Drought | 2 | 6 | 11 | 18 | 35 | 36 |
| Heat Wave/Extreme Heat (Severe Weather) | 2 | 9 | 10 | 15 | 34 | 31 |
| 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 | 14 | 25 | 12 |

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).

SMCCCD agreed to **12** 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 County Community College District Mitigation Actions Summary

| Status | | Mitigation Action Total | |
|---|----|---|----|
| Continuing | | 2 | |
| In Progress | | 6 | |
| Not Yet Started | | 1 | |
| New | | 3 | |
| TOTAL | | 12 | |
| Completed | | 1 | |
| No Longer Needed | | 0 | |
| Mitigation Actions per Hazard | | | |
| Dam Failure | 12 | Sea Level Rise | 9 |
| Drought | 9 | Severe Weather <i>(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)</i> | 12 |
| Earthquake | 12 | Tsunami | 12 |
| Flood <i>(riverine flooding, urban/flash flooding, coastal flooding)</i> | 12 | Wildfire | 12 |
| Landslide | 12 | | |

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

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| | | | | | |
|---|--|--------------------------------------|---------------------------|--------------------------------|-------|
| Mitigation Action | Update the District's Emergency Operations Plan (EOP) and each college campus EOP to ensure consistency in emergency plans for large, complex human-caused events, natural hazards, and technological incidents. Configure VEOCI with the new EOP. Additionally, the identification of hazard mitigation strategies will be integrated into the EOP. | | | | |
| Action Number | SMCCCD-1 | Goal(s) Addressed | 1, 3, 4, 5 | Prioritization Score | 39/40 |
| Year Added to the Plan | 2016 | Timeline (estimated) | 1 to 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) | High | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Office of Emergency Management, Department of Public Safety) | | | | |
| 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) | | | | | |

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| | | | | | |
|---|--|--------------------------------------|---------------------------|--------------------------------|--------|
| Mitigation Action | Formalize, secure, and sustain Conditional Site Use Permit with the Pacific Gas and Electric Company (PG&E) for Emergency Base Camps and Staging Areas to ensure long-term operational readiness and continuity of services during an emergency or major disaster. | | | | |
| Action Number | SMCCCD-2 | Goal(s) Addressed | 1, 3, 4, 5 | Prioritization Score | 29/40 |
| Year Added to the Plan | 2016 | Timeline (estimated) | 1 to 5 Years | Implementation Priority | Medium |
| 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) | Low | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Office of Emergency Management, Facilities, Contracts) | | | | |
| 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) | | | | | |

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| | | | | | |
|---|--|--------------------------------------|---------------------------|--------------------------------|-------|
| Mitigation Action | Formalize, secure, and sustain Facility Use Agreements with the American Red Cross to ensure operational readiness and provide space for Public Emergency Shelters and Emergency Evacuation Centers during an emergency or major disaster. This will allow to mitigate the impacts of mass displacements of students and staff after major events. | | | | |
| Action Number | SMCCCD-3 | Goal(s) Addressed | 1, 2, 3, 4, 5 | Prioritization Score | 30/40 |
| Year Added to the Plan | 2016 | Timeline (estimated) | 1 to 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 Community College District (Office of Emergency Management, Contracts) | | | | |
| Supporting Agency / Organization (If applicable) | American Red Cross | | | | |
| Additional Participating Jurisdictions (If Applicable) | n/a | | | | |
| Estimated Cost | Low | Potential Funding Source | General Fund (Staff Time) | | |
| Additional Details (optional) | | | | | |

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| | | | | | |
|---|---|--------------------------------------|---------------------------|--------------------------------|-------|
| Mitigation Action | Develop and institutionalize a Districtwide Emergency Management Multi-Year Training and Exercise Program (MYTEP) as a living document to be refined and expanded annually. The MYTEP will help identify training and exercise priorities, identify and mitigate institutional vulnerabilities, and build core capabilities needed to protect and mitigate the higher education environment during emergencies and major disasters. | | | | |
| Action Number | SMCCCD-4 | Goal(s) Addressed | 1, 3, 4, 5 | Prioritization Score | 30/40 |
| Year Added to the Plan | 2016 | Timeline (estimated) | 1 to 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) | High | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Office of Emergency Management, Cabinets, Maintenance and Operations) | | | | |
| 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 | Develop and institutionalize a Continuity of Operations Plan (COOP) that integrates with the Local Hazard Mitigation Plan to ensure the rapid restoration of community lifelines and the protection of critical facilities and infrastructure (e.g., health and safety facilities, utilities, operational facilities, hazardous materials facilities, and vital economic sustainability infrastructure) following a disaster. | | | | |
| Action Number | SMCCCD-5 | Goal(s) Addressed | 1, 5 | Prioritization Score | 31/40 |
| Year Added to the Plan | 2016 | Timeline (estimated) | 1 to 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 | <i>If No Longer Needed, provide reason.</i> | n/a | | |
| Benefits (Loss Avoided) | High | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Office of Emergency Management, Maintenance and Operations) | | | | |
| 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) | | | | | |



| | | | | | |
|---|--|--------------------------------------|---------------------------|--------------------------------|--------|
| Mitigation Action | Assess and document the value of District critical infrastructure and assets, prioritizing those with unknown replacement values, to facilitate the identification of high-risk vulnerabilities and the potential implementation of hazard mitigation actions. | | | | |
| Action Number | SMCCCD-6 | Goal(s) Addressed | 1, 5 | Prioritization Score | 24/40 |
| Year Added to the Plan | 2016 | Timeline (estimated) | 1 to 5 Years | Implementation Priority | Medium |
| 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) | Low | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Risk Management) | | | | |
| 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 | Conduct a water distribution system analysis and, if needed, upgrades/improvements to the system. | | | | |
| Action Number | SMCCCD-7 | Goal(s) Addressed | n/a | Prioritization Score | n/a |
| Year Added to the Plan | 2016 | Timeline (estimated) | n/a | Implementation Priority | n/a |
| Hazard(s) Mitigated | Dam Failure, Drought, Earthquake, Flood, Landslide, Sea Level Rise, 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) | | | | | |

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| | | | | | |
|---|--|--------------------------------------|---------------------------|--------------------------------|--------|
| Mitigation Action | Develop and sustain the District's property and land value estimates, which can help facilitate the identification of high-risk vulnerabilities and the potential implementation of hazard mitigation actions. The database should include parcel numbers, physical address/location, acreage, common name, Assessor's Valuation (CA Proposition 13), and owner's valuation. | | | | |
| Action Number | SMCCCD-8 | Goal(s) Addressed | 1, 5 | Prioritization Score | 23/40 |
| Year Added to the Plan | 2016 | Timeline (estimated) | 1 to 5 Years | Implementation Priority | Medium |
| Hazard(s) Mitigated | Dam Failure, Drought, 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) | Low | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Chancellor's Office, General Services) | | | | |
| 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) | | | | | |

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| | | | | | |
|---|--|--------------------------------------|---------------------------|--------------------------------|--------|
| 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 and/or that would impact the District facilities and infrastructure. | | | | |
| Action Number | SMCCCD-9 | Goal(s) Addressed | 1, 2, 3, 4, 5 | Prioritization Score | 29/40 |
| Year Added to the Plan | 2016 | Timeline (estimated) | Ongoing | Implementation Priority | Medium |
| 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) | Low | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Office of Emergency Management, Risk Management) | | | | |
| 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) | | | | | |

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| | | | | | |
|---|---|--------------------------------------|---------------------------|--------------------------------|-------|
| 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 | SMCCCD-10 | Goal(s) Addressed | 1, 2, 3, 4, 5 | Prioritization Score | 34/40 |
| Year Added to the Plan | 2016 | 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) | Low | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Office of Emergency Management, Risk Management) | | | | |
| 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 | Design and install a Districtwide, National Fire Protection Association (NFPA) 72-compliant Emergency Alert System (EAS) that provides redundant, all-hazards mass notification capability across all campuses. The system will integrate indoor/outdoor audible and visual alerts, voice override, and multi-platform communications to ensure timely warnings and mitigate life safety risks during major hazard events. | | | | |
| Action Number | SMCCCD-11 | Goal(s) Addressed | 1, 2, 4, 5 | Prioritization Score | 31/40 |
| Year Added to the Plan | 2026 | Timeline (estimated) | 1 to 5 Years | Implementation Priority | High |
| Hazard(s) Mitigated | Dam Failure, Earthquake, Flood, Landslide, Severe Weather, Tsunami, Wildfire | | | | |
| Project Status | New | If No Longer Needed, provide reason. | | n/a | |
| Benefits (Loss Avoided) | High | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Office of Emergency Management, Department of Public Safety, Maintenance and Operations) | | | | |
| Supporting Agency / Organization (If applicable) | n/a | | | | |
| Additional Participating Jurisdictions (If Applicable) | n/a | | | | |
| Estimated Cost | High | Potential Funding Source | General Fund (Staff Time) | | |
| Additional Details (optional) | The system will be designed to integrate with existing and future digital mass notification platforms, including the District's RAVE Alert system, to ensure synchronized multi-channel emergency communication and interoperability with modern alerting technologies. Implementation will occur in phased deployment over approximately five (5) years. | | | | |



| | | | | | |
|---|---|--------------------------------------|---------------------------|--------------------------------|-------|
| Mitigation Action | Install and maintain trauma bleeding control kits at all District facilities in compliance with California Assembly Bill 2260 (Tactical Response to Traumatic Injuries Act), ensuring each kit includes tourniquets, bleeding control dressings, protective gloves, scissors, and instructional materials. Kits will be installed in wall cabinets near Automated External Defibrillators (AEDs) and first-aid kits to improve visibility, accessibility, and rapid response during emergencies. This action mitigates life-safety risks during emergencies and major disasters by ensuring that life-saving equipment is readily accessible, reducing preventable loss of life from severe bleeding. | | | | |
| Action Number | SMCCCD-12 | Goal(s) Addressed | 1, 4, 5 | Prioritization Score | 31/40 |
| Year Added to the Plan | 2026 | Timeline (estimated) | 1 to 5 Years | Implementation Priority | High |
| Hazard(s) Mitigated | Dam Failure, Earthquake, Flood, Landslide, Severe Weather, Tsunami, Wildfire | | | | |
| Project Status | New | If No Longer Needed, provide reason. | | n/a | |
| Benefits (Loss Avoided) | High | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Office of Emergency Management, Department of Public Safety, Maintenance and Operations) | | | | |
| 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) | Although California Assembly Bill 2260 primarily applies to buildings built on or after January 1, 2023, with specified occupancy thresholds, the District is proactively installing trauma bleeding control kits in existing facilities that are not otherwise required to comply. The District will install a minimum of six (6) advanced bleeding control kits per facility Districtwide, prioritizing new construction and major facilities first. Initial deployment is underway at Skyline College as part of the installation in the new instructional building. | | | | |



| | | | | | |
|---|--|--------------------------------------|---------------------------|--------------------------------|-------|
| Mitigation Action | Install standardized ANSI/ISEA Z308.1-2021 Class B first aid kits in wall cabinets across District facilities to meet Cal/OSHA workplace first aid requirements (29 CFR 1910.151). Cabinets will be installed in accessible locations, similar to Automated External Defibrillator (AED) placements, and will hold comprehensive first-aid supplies, along with naloxone (Narcan) and advanced bleeding-control tools, to support quick, life-saving responses during medical emergencies, traumatic injuries, overdoses, or disaster-related incidents. This action mitigates life-safety risks during emergencies and major disasters. | | | | |
| Action Number | SMCCCD-13 | Goal(s) Addressed | 1, 4, 5 | Prioritization Score | 31/40 |
| Year Added to the Plan | 2026 | Timeline (estimated) | 1 to 5 Years | Implementation Priority | High |
| Hazard(s) Mitigated | Dam Failure, Earthquake, Flood, Landslide, Severe Weather, Tsunami, Wildfire | | | | |
| Project Status | New | If No Longer Needed, provide reason. | | n/a | |
| Benefits (Loss Avoided) | High | | | | |
| Lead Agency / Organization | San Mateo County Community College District (Office of Emergency Management, Department of Public Safety, Maintenance and Operations) | | | | |
| 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) | Some kits have already been issued to trained District Building Captains to support immediate response capability. Permanent recessed cabinet installations are being incorporated into new construction projects, including the current installation in the new instructional facility at Skyline College. | | | | |



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 (<i>Flood</i>) | Medium | A significant hazard event is likely to occur within 25 years. | 2 | N/A |
| Urban/Flash Flooding (<i>Flood</i>) | High | A significant hazard event is likely to occur annually. | 3 | N/A |
| Coastal Flooding (<i>Flood</i>) | 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 | Medium | A significant hazard event is likely to occur within 25 years. | 2 | N/A |
| Heavy Rainfall (<i>Severe Weather</i>) | High | A significant hazard event is likely to occur annually. | 3 | N/A |
| Heat Wave/Extreme Heat (<i>Severe Weather</i>) | Medium | A significant hazard event is likely to occur within 25 years. | 2 | N/A |
| Fog (<i>Severe Weather</i>) | Low | A significant hazard event is likely to occur within 100 years. | 1 | N/A |
| Severe Thunderstorm (<i>Severe Weather</i>) | Medium | A significant hazard event is likely to occur within 25 years. | 2 | N/A |
| Tornado (<i>Severe Weather</i>) | Low | A significant hazard event is likely to occur within 100 years. | 1 | N/A |
| Strong Winds (<i>Severe Weather</i>) | Medium | A significant hazard event is likely to occur within 25 years. | 2 | 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 | <i>Extent/Severity</i> | Low | Historical and/or probabilistic models/studies for this hazard indicate the possibility of a low-intensity incident. | 1 | 3 | 3 |
| | <i>Catastrophic</i> | Low | Low potential that this hazard could be catastrophic. | 1 | 3 | 3 |
| Wildfire | <i>Extent/Severity</i> | High | Historical and/or probabilistic models/studies for this hazard indicate the possibility of a high-intensity incident. | 3 | 3 | 9 |
| | <i>Catastrophic</i> | 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 | <i>Population Exposure</i> | Medium | 15% to 29% of the population is exposed to the hazard. | 2 | 3 | 6 |
| | <i>Property Exposure</i> | Medium | 10% to 24% of the total assessed property value is exposed to a hazard. | 2 | 1 | 2 |
| | <i>Changes in Development</i> | Low | Changes in development have increased the community's exposure to the hazard by 4% or less. | 1 | 1 | 1 |
| Drought | <i>Population Exposure</i> | High | 30% or more of the population is exposed to the hazard. | 3 | 3 | 9 |
| | <i>Property Exposure</i> | Low | 9% or less of the total assessed property value is exposed to a hazard. | 1 | 1 | 1 |
| | <i>Changes in Development</i> | Low | Changes in development have increased the community's exposure to the hazard by 4% or less. | 1 | 1 | 1 |
| Earthquake | <i>Population Exposure</i> | High | 30% or more of the population is exposed to the hazard. | 3 | 3 | 9 |
| | <i>Property Exposure</i> | High | 25% or more of the total assessed property value is exposed to the hazard. | 3 | 1 | 3 |
| | <i>Changes in Development</i> | 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 | 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 |
| 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 |

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| 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) | <i>Population Exposure</i> | High | 30% or more of the population is exposed to the hazard. | 3 | 3 | 9 |
| | <i>Property Exposure</i> | High | 25% or more of the total assessed property value is exposed to the hazard. | 3 | 1 | 3 |
| | <i>Changes in Development</i> | Low | Changes in development have increased the community's exposure to the hazard by 4% or less. | 1 | 1 | 1 |
| Tsunami | <i>Population Exposure</i> | Low | 14% or less of the population is exposed to the hazard. | 1 | 3 | 3 |
| | <i>Property Exposure</i> | Low | 9% or less of the total assessed property value is exposed to a hazard. | 1 | 1 | 1 |
| | <i>Changes in Development</i> | Low | Changes in development have increased the community's exposure to the hazard by 4% or less. | 1 | 1 | 1 |
| Wildfire | <i>Population Exposure</i> | Medium | 15% to 29% of the population is exposed to the hazard. | 2 | 3 | 6 |
| | <i>Property Exposure</i> | Medium | 10% to 24% of the total assessed property value is exposed to a hazard. | 2 | 1 | 2 |
| | <i>Changes in Development</i> | 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 | <i>Population and Life Safety</i> | Medium | Populations exposed to this hazard are likely to experience some adverse impacts, such as injuries requiring acute medical care. | 2 | 3 | 6 |
| | <i>Underserved Population</i> | High | Underserved populations exposed to the hazard are likely to experience significant adverse/disproportionate impacts, such as fatalities and severe injuries. | 3 | 3 | 9 |
| | <i>Property, Facilities, and Critical Infrastructure</i> | 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 |
| | <i>Economic</i> | Medium | Total economic impact is likely to be greater than \$100,000, but less than or equal to \$10 million. | 2 | 1 | 2 |
| | <i>Environmental</i> | 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 |
| | <i>Continuity of Operations/Delivery of Services</i> | 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 |
| | <i>Future Development</i> | Medium | Future development trends will increase the impacts of this hazard, but not significantly. | 2 | 1 | 2 |
| | <i>Climate Change</i> | 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 | 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 | 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 | 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 |
|----------------|--|-----------|--|---------------|-----------------|-------|
| 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 | 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 |
|--------------|--|--------|--|---------------|-----------------|-------|
| 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]