COUNTY OF SAN MATEO
EMERGENCY MANAGEMENT

Local Hazard Mitigation Plan

San Mateo County, California

Town of Colma Annex

2026

DRAFT

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

TABLE OF CONTENTS

This Annex details the hazard mitigation elements specific to the Town of Colma, 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 the Town of Colma. This Annex provides additional information specific to the Town, 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 Town of Colma 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
Geoffrey Balton	Fire Chief	Colma Fire Protection District
Herb Cheng	Fire Captain	Colma Fire Protection District
Savannah Dukes	Associate Planner II	Planning Department
Farhad Mortazavi	City Planner	Planning Department

2. JURISDICTION PROFILE

The Town of Colma is a small town located in the northern portion of San Mateo County, approximately five (5) miles south of San Francisco. Colma is 1.98 square miles in size and is bordered by Daly City to the north and west, San Bruno Mountain to the east, and the City of South San Francisco to the south. Interstate 280 is the western boundary of the Town and provides primary north/south access to and from the Town. State Route 82, the El Camino Real, another north/south route, extends through the center of the Town. The Town of Colma serves a regional need for cemeteries along the San Francisco Peninsula, with 16 active cemeteries and two (2) closed cemeteries that occupy 72% of the land area. Much of the remaining land in Colma not in cemetery use is commercial, including two (2) regional shopping centers, an auto row, and a cardroom. The small amount of remaining land is in residential use.

The Town's climate is highly influenced by its proximity to the Northern California coast. As a result, temperatures remain moderate year-round, with periods of fog and wind in spring and summer. The warmest time of the year is in the fall, with the average high temperature of 73°F occurring in September. December and January tend to be the coldest months, with average low temperatures in the mid-40s. A majority of the annual rainfall occurs between November and March, and annual precipitation totals approximately 20 inches.

2.1. Brief History

Prior to incorporation, the Town of Colma was primarily agricultural, with north-south access along the historic El Camino Real. In the late 1800s, the City of San Francisco began passing a series of laws to prevent the establishment of new cemeteries and to require that existing cemeteries be removed from within City limits. Subsequently, religious, ethnic, and secular groups began purchasing land in Colma to establish cemeteries. Railroad lines extended through the Town and brought grieving families with their loved ones to Colma for burial. The Town was incorporated in 1924 to protect cemetery land use. As a result, the Town has a significant number of historic structures and resources. Commercial and residential development has followed and continues to the present. In the late 1980s, the Town annexed several residential blocks in the Sterling Park residential neighborhood.

2.2. Governing Body Format

The Town of Colma is governed by a five (5) member City Council. Due to the Town's small size, the City Council makes all policy and land use decisions for the Town. The Town employs approximately 58 people in administrative, recreation, and police services. The Town has traditionally contracted its public works, building, and planning services, and fire services are supplied by the Colma Fire Protection District.

The major government facilities include a newly expanded Town Hall, a police station, the Sterling Park Recreation Center, and a community center. The Town owns but does not operate the Historical Association Museum (operation is by the Colma Historical Association).

The City Council assumes responsibility for the adoption and implementation of this Plan.

2.3. Population

In 2024, the Town of Colma had a population of 1,636, an 8.6% increase from the estimated 2020 population of 1,507. **Table 1** summarizes population distribution between 2010 and 2024, and the percentage of the 2024 population that is under five (5) years old, over 65 years old, and living below the poverty level.

Table 1. Population Trends

Population				Underserved Population		
2010[1]	***2020***[2]	***2024***[3]	***Population Change*** *(2020 – 2024)*	***Youth*** *(Under 5 years old)*	***Elderly*** *(Over 65 years old)*	***Below Poverty Level***[4]
1,792	1,507	1,636	8.6%	4.2%	15.5%	6.7%

[1] United States Census Bureau. (2010). P1: Race (2010: DEC Redistricting Data (PL 94-171)). Retrieved from https://data.census.gov/table?q=2010 population&g=160XX00US0614736.
[2] United States Census Bureau. (2020). P1: Race (2020: DEC Redistricting Data (PL 94-171)). Retrieved from https://data.census.gov/table/DECENNIALPL2020.P1?g=160XX00US0614736.
[3] United States Census Bureau. (2024). S0101: Age and Sex (2024: ACS 5-Year Estimates Subject Tables). Retrieved from https://data.census.gov/table/ACSST5Y2024.S0101?g=160XX00US0614736.
[4] United States Census Bureau. (2024). S1701: Poverty Status in the Past 12 Months (2024: ACS 5-Year Estimates Subject Tables). Retrieved from https://data.census.gov/table/ACSST5Y2024.S1701?g=160XX00US0614736.

3. CHANGES IN DEVELOPMENT

California Law requires counties and cities to prepare and adopt a General Plan, a comprehensive long-range plan to guide community development. The General Plan must contain seven (7) state-mandated elements – land use, circulation, housing, conservation, open space, noise, and safety – and may contain additional elements as a jurisdiction sees fit. Counties and cities that have identified disadvantaged communities must also address environmental justice in their general plans, including air quality. Additionally, the General Plan must comprise an integrated and internally consistent set of goals, policies, and implementation measures. The Town of Colma adopted its General Plan under this law and has updated various elements several times over the years, including most recently, when the City Council adopted the General Plan in March 2022.

Less than 1% of Colma's land is vacant (about 2.8 acres). Buildout, as outlined in the 2040 General Plan, is 332 residential units, 1,044,500 square feet of commercial space, and 179,000 square feet of office space. No major development has occurred in the last five (5) years, though approximately 45 residential units are expected to be developed over the next five (5) years. Furthermore, the population of the Town of Colma is stable and growing slowly. The Town of Colma is constrained from further expansion, as all remaining unincorporated land along its periphery is either within the City of Daly City or within the City of South San Francisco Urban Service Area. Any land that is annexed would be incorporated into one (1) of these two (2) jurisdictions.

Table 2 summarizes development trends during the performance period since the previous LHMP was developed (i.e., past five (5) years), as well as expected future development trends (i.e., the next five (5) years).

Table 2. Recent and Expected Development Trends

Criteria	Description
Has your jurisdiction annexed any land since the development of the previous Local Hazard Mitigation Plan? *If yes, give the estimated area annexed and the estimated number of parcels or structures.*	No
Is your jurisdiction expected to annex any areas during the performance period of this Plan?	No
Has your jurisdiction had any significant changes in development over the past five (5) years that have occurred in hazard-prone areas? *If yes, briefly describe.*	No
Are there any areas targeted for development or major redevelopment in the next five (5) years that will occur in hazard-prone areas? *If yes, briefly describe.*	No
Provide the number of permits for each hazard area or provide a qualitative description of where development has occurred.	No major development has occurred in the last five (5) years.

3.1. Changes in Priority

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

4. CAPABILITY ASSESSMENT

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

A capability assessment was conducted for the Town of Colma's authorities, policies, programs, and resources. Goals and mitigation actions were developed using input from this assessment. Information regarding the Town's implementation of and continued participation in the National Flood Insurance Program (NFIP) can be found in Section 5 of this Annex.

The Local Planning Team assessed the Town of Colma'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 Town's day-to-day activities were considered.

4.1. Planning and Regulatory Capabilities

Table 3 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 3. 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	Planning Department	General Plan 2040 (March 2022)

Capability Category	Yes/No	Authority *(local, county, state, federal)*	Responsible Department/ Agency	Code Citation and Comments *(e.g., Code Chapter, name of plan, explanation of authority, etc.)*
Capital Improvement Plan	Yes	Local	Planning Department	Adopted every five (5) years, updated annually
Floodplain Management / Basin Plan	Yes	Local	Public Works and Engineering Department	Adopted every five (5) years, updated annually
Stormwater Management Plan	No	n/a	n/a	n/a
Open Space Plan	Yes	Local	Public Works and Engineering Department	Stormwater NPDES Permit Regulatory Program
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	County	San Mateo County Flood and Sea Level Rise Resiliency District	Colma Creek Watershed Plan
Comprehensive Emergency Management Plan	Yes	Local	Planning Department	Strategic Economic Development Plan
Emergency Operations Plan	No	n/a	n/a	n/a
Evacuation Plan	Yes	Local	Police Department	Community Action Plan for Emergencies
Post-Disaster Recovery Plan	No	n/a	n/a	n/a
Transportation Plan	No	n/a	n/a	n/a
Strategic Recovery Planning Report	No	n/a	n/a	n/a
Climate Adaptation Plan	No	n/a	n/a	n/a
Resilience Plan	Yes	Local	Planning Department	Climate Action Plan 2030
	No	n/a	n/a	n/a
Community Wildfire Protection Plan	Yes	State	San Mateo County and the San Mateo Water Pollution Prevention Program	Enforce State requirements for stormwater quality control
Regulatory Capability				
Building Code	Yes	Local	Building Department	Chapter 5.04 of the Town Code

Capability Category	Yes/No	Authority *(local, county, state, federal)*	Responsible Department/ Agency	Code Citation and Comments *(e.g., Code Chapter, name of plan, explanation of authority, etc.)*
Zoning Code	Yes	Local	Planning Department	Chapter 5.03 of the Town Code
Subdivision Code	Yes	Local	Planning Department	Chapter 5.19 of the Town Code
Flood Damage Prevention Ordinance	Yes	Local	Public Works and Engineering Department	Chapter 5.03.320 of the Town Code
Cumulative Substantial Damage Ordinance	No	n/a	n/a	n/a
Freeboard	No	n/a	n/a	n/a
Growth Management Ordinance	Yes	Local	Planning Department	General Plan 2040 (March 2022) Housing Element in the General Plan (2023)
Site Plan Review	Yes	Local	Planning Department	Chapter 5 of the Town Code
Stormwater Management Ordinance	Yes	County, Local	Public Works and Engineering Department	Chapters 5.11 of the Town Code Town complies with the Regional Water Quality Control Board Permit Requirements
Municipal Separate Storm Sewer System (MS4)	No	n/a	n/a	n/a
Natural Hazard Ordinance	No	n/a	n/a	n/a
Post-Disaster Recovery Ordinance	No	n/a	n/a	n/a
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 4** 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 4. Administration and Technical Capabilities

Capability	Yes/No	Comments *(e.g., position, department, agency, explanation)*
Administrative Capabilities		
Planning Board	No	n/a
Mitigation Planning Committee	No	n/a

Capability	Yes/No	Comments *(e.g., position, department, agency, explanation)*
Environmental Board/Commission	No	n/a
Open Space Board/Committee	No	n/a
Economic Development Commission/Committee	Yes	Economic Development Subcommittee
Maintenance programs to reduce risk	No	n/a
Mutual Aid Agreements	Yes	Northern Peninsula Mutual Aid California Law Enforcement Mutual Aid Plan California Master Mutual Aid Agreement Colma Fire Protection District
Technical/Staffing Capabilities		
Planner(s) or engineer(s) with knowledge of land development and land management practices	Yes	Public Works and Engineering Department Planning Department
Engineer(s) or professional(s) trained in building or infrastructure construction practices	Yes	Building Department Public Works and Engineering Department
Planners or engineers with an understanding of natural hazards	Yes	Planning Department Building Department Public Works and Engineering Department
NFIP Floodplain Administrator	Yes	Public Works and Engineering Department
Surveyor(s)	Yes	Consulting Firm
Personnel skilled or trained in GIS applications	Yes	Consulting Firm
A scientist familiar with natural hazards	No	n/a
Warning systems/services	Yes	SMC Alert, in partnership with the San Mateo County Department of Emergency Management
Emergency manager	Yes	Police Department
Grantwriter(s)	Yes	Consulting Firm
Staff with expertise or training in benefit cost analysis	Yes	Consulting Firm
Professionals trained in conducting damage assessments	Yes	Building Department Public Works and Engineering Department

4.3. Fiscal Capabilities

Table 5 lists fiscal capabilities available to the Town of Colma 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 5. Financial Capabilities

Capability	Accessible or Eligible to Use
Community Development Block Grants (CDBG, CDBG-DR)	No

Capability	Accessible or Eligible to Use
Federal Hazard Mitigation Assistance Program *(i.e., Hazard Mitigation Grant Program (HMGP), HMGP Post Fire, Flood Mitigation Assistance (FMA) Program)*	Yes
Capital improvements project funding	Yes
Authority to levy taxes for specific purposes	Yes
User fees for water, sewer, gas, or electric service	Yes
Impact fees for homebuyers or developers of new development/homes	Yes
Stormwater utility fee	No
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	n/a
Other federal or state funding programs	Yes
Open space acquisition funding programs	No

4.4. Education and Outreach Capabilities

Table 6 lists the Town'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 6. Education and Outreach Capabilities

Capability	Yes/No	Comments *(e.g., position, department, agency, explanation)*
Public Information Officer	Yes	City Clerk
Personnel skilled or trained in website development	Yes	Multiple Departments
Hazard mitigation information is available on the jurisdiction's website	Yes	Link to the LHMP Annex and Strategies Master Spreadsheet and a disaster preparedness page
Utilize social media for hazard mitigation education and outreach	Yes	**Facebook:** facebook.com/TownofColma/ **Instagram:** instagram.com/townofcolmaofficial/ **X:** x.com/TownofColma **YouTube:** youtube.com/channel/UC5fnr2xJBgdF0EolINnfUzQ
Citizen boards or commissions that address issues related to hazard mitigation	Yes	City Council
Other programs already in place that could be used to communicate hazard-related information	Yes	Monthly Newsletter (Residents) Quarterly Newsletter or Email (Businesses) Reverse 911
An established warning system for hazard events	Yes	SMC Alert, in partnership with the San Mateo County Department of Emergency Management

4.5. Community Classifications

The community classification relates to the community's ability to provide effective services to reduce its vulnerability to the identified hazards. These classifications can be viewed as indicators of the community's capabilities across all phases of emergency management (i.e., preparedness, response, recovery, and mitigation) and are used as underwriting parameters to determine the costs of various forms of insurance. **Table 7** summarizes the classifications of community programs available to the Town of Colma.

Table 7. Community Classifications

Program	Yes/No	Classification *(if applicable)*	Date Classified *(if applicable)*
Community Rating System (CRS)	No	n/a	n/a
Building Code Effectiveness Grading Schedule (BCEGS)	No	n/a	n/a
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	4/9	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

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

- The Town has existing planning, regulatory, and capital improvement capabilities that support implementation of its hazard mitigation strategy, including adopted building codes, land use regulations, development review procedures, and ongoing policy and ordinance updates to remain aligned with state and federal law. To further strengthen these capabilities, the Town is expanding its GIS program, including both internal and public-facing tools, to improve hazard identification and mapping, public access to hazard information, asset management, and data-informed project prioritization. Continued enhancement of GIS capacity, along with ongoing refinement of local ordinances, policies, and implementation procedures, will improve the Town's ability to integrate hazard mitigation into planning, infrastructure, and public information efforts. The Town of Colma will continue to evaluate opportunities to expand these capabilities as staffing, funding, technology, and local authority allow.

5. NATIONAL FLOOD INSURANCE PROGRAM

The Town of Colma is a member of the National Flood Insurance Program (NFIP) but has chosen not to participate in the NFIP Community Rating System (CRS) Program. The Town is in good standing with the NFIP through adoption and enforcement of floodplain management requirements (e.g., regulating all new and substantially improved construction in Special Hazard Flood Areas), floodplain identification and

mapping, and flood insurance outreach to the community. The Town's NFIP participation information is listed in **Table 8**.

Table 8. NFIP Participation Information

Community ID	NFIP Participation Date	Current Effective FIRM Date	CRS Entry Date	CRS Current Effective Date	CRS Class
060316	9/14/1973	NSFHA	n/a	n/a	n/a

5.1. NFIP Floodplain Administrator

All NFIP participating jurisdictions have a designated Floodplain Administrator who is charged with enforcing floodplain regulations, routinely monitoring the floodplains, and providing community assistance, such as encouraging owners to maintain flood insurance. The Town of Colma Floodplain Administrator information is listed in **Table 9**.

Table 9. Floodplain Administrator

Name	Title	Department	Phone Number
Babak Kaderi	Floodplain Manager/Senior Project Manager	Public Works and Engineering Department	(650) 522-2500

5.2. Repetitive Loss and Severe Repetitive Loss Property

FEMA defines a Repetitive Loss property as an NFIP-insured property meeting at least one (1) of the following paid loss criteria since 1978, regardless of any changes in ownership:

- Four (4) or more separate claims payments greater than $5,000 each (including building and contents payment).
- Two (2) or more separate flood insurance claims payments (building payments only), where the total of the payments is greater than the property's current value.

Additionally, to receive a designation, at least two (2) of the claim payments must occur within 10 years of one another.[5]

A Severe Repetitive Loss property is defined by FEMA as any NFIP-insured single-family or multi-family residential building meeting at least one (1) of the following paid loss criteria since 1978 or from a building constructed after 1978, regardless of any changes in ownership:[6]

[5] Federal Emergency Management Agency, National Flood Insurance Program. (2023). A Policyholder's Guide to Severe Repetitive Loss. Retrieved from https://agents.floodsmart.gov/sites/default/files/fema_nfip-policyholders-guide-severe-repetitive-loss_brochure_07-2023.pdf.
[6] Federal Emergency Management Agency, National Flood Insurance Program. (2021). National Flood Insurance Program: Flood Insurance Manual. Retrieved from https://www.fema.gov/sites/default/files/documents/fema_nfip-all-flood-insurance-manual-apr-2021.pdf.

- That has incurred flood-related damage for which four (4) or more separate claims payments have been made, with the amount of each claim (including building and contents payments) exceeding $5,000, and with the cumulative amount of such claims payments exceeding $20,000.
- For which at least two (2) separate claims payments (building payments only) have been made under such coverage, with the cumulative amount of such claims exceeding the market value of the building.

Table 10 summarizes FEMA Repetitive Loss and Severe Repetitive Loss properties within the Town of Colma.

Table 10. Repetitive Loss and Severe Repetitive Loss Properties

Repetitive Loss Properties		Severe Repetitive Loss Properties	
Total	***Occupancy***	***Total***	***Occupancy***
0	n/a	0	n/a
Occupancy Type: *Single Family = Single family residence • Two (2)-Four (4) Unit Residential Building = Two (2)-four (4) unit residential building • More Than Four (4) Units Residential Building = Residential building with more than four (4) units • Non-Residential Building = Non-residential building • Non-Residential Business = Non-residential business • Single Family Residential Building = Single-family residential building with the exception of a mobile home or a single residential unit within a multi-unit building • Residential (2, 3, or 4 units) Non-Condo Building = Residential non-condo building with two (2), three (3), or four (4) units seeking insurance on all units • Residential (5 or more units) Non-Condo Building = Residential non-condo building with 5 or more units seeking insurance on all units • Residential Mobile/Manufactured Home = Residential mobile/manufactured home • Residential Condo Association = Residential condo association seeking coverage on a building with one (1) or more units • Single Residential Unit = Single residential unit within a multi-unit building • Non-Residential Mobile/manufactured Home = Non-residential mobile/manufactured home • Non-Residential Building = Non-residential building • Non-Residential Unit = Non-residential unit within a multi-unit building*			

Table 11 summarizes NFIP active policies and coverage in force data for the Town of Colma.

Table 11. NFIP Policies

NFIP Policies	Insurance in Force	Total Claims Paid	Sum of Claims Paid
1	$1,000,000	0	$0

5.3. Participation Activities

The Town of Colma's NFIP participation over the last five (5) years includes the following:

- Community staff provide the following services – permit reviews, GIS, inspections, and engineering capability.
- The community's Floodplain Administrator is a Certified Floodplain Manager (CFM).
- The community teaches property owners or other stakeholders about the importance of flood insurance through public outreach events, workshops, and/or seminars.
- The community enforces local floodplain regulations and monitors compliance.
- The community's floodplain development regulations meet or exceed Federal Emergency Management Agency (FEMA) or State minimum requirements.

5.3.1. Substantial Damage

Substantial damage means damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50% of the market value of the structure before the damage occurred.

5.3.2. Substantial Improvement

Substantial improvement means any reconstruction, rehabilitation, addition, or improvement of a structure, the cost of which equals or exceeds 50% of the market value of the structure before the "start of construction" of the improvement. This term includes structures which have incurred substantial damage, regardless of the actual repair work performed. The term does not, however, include either:

- Any project for improvement of a structure to correct pre-cited existing violations of state or local health, sanitary, or safety code specifications which have been previously identified by the local code enforcement official and that are the minimum necessary to assure safe living conditions.
- Any alteration of a historic structure, listed on the National Register of Historic Places or a State Inventory of Historic Places, provided that the alteration will not preclude the structure's continued designation as a historic structure.

5.3.3. Substantial Damage/Substantial Improvement Determination Process

Following a flood event, substantial damage determinations are made by the Town's designated Floodplain Administrator or floodplain management representative, in coordination with the Building Official/Community Development staff and consultant support as needed. The determination is based on whether the cost to restore the structure to its pre-damage condition equals or exceeds 50% of the structure's pre-damage market value, using inspections, photographs, repair estimates, permit records, and available valuation data. Structures determined to be substantially damaged must comply with applicable floodplain management requirements before repair or reconstruction permits are issued.

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, the Town of Colma has made progress in integrating components of the hazard mitigation strategy (e.g., goals, objectives, and actions) into planning initiatives and mechanisms. **Table 12** highlights the planning mechanisms/initiatives in which the previous Plan was integrated and the information integrated.

Table 12. Existing Plan Integration

Planning Initiative	Current Integration Description
General Plan	Information from the previous LHMP was integrated into the Town's General Plan and Housing Element by considering hazard-related environmental constraints, including flooding, geologic and seismic hazards, and other conditions affecting life safety, land use, and housing planning. This information has helped inform long-range policies and programs related to safety, resilience, and emergency preparedness.
Climate Action Plan	Information from the previous LHMP was also integrated into the Town's Climate Action Plan through adaptation and resilience planning related to climate-driven hazards such as flooding, severe weather, drought, and extreme heat. This integration helps align hazard mitigation with broader climate resilience and public health planning efforts.
Capital Improvement and Infrastructure Planning	Hazard information from the previous LHMP has been considered in the Town's capital improvement and infrastructure planning processes, particularly where drainage, stormwater, flooding, or infrastructure resilience is relevant. The Town also coordinates, as needed, with neighboring jurisdictions and partner agencies on regional drainage and flood management issues, allowing hazard mitigation needs to be considered alongside infrastructure planning and implementation.
GIS Development and Public Information	The Town is in the process of developing and implementing its first public-facing and internal GIS system. This effort provides an additional mechanism for integrating hazard data and mapping from the LHMP into Town operations. The GIS system will improve staff access to location-based hazard information and help the public identify areas with potential hazard constraints, thereby strengthening hazard awareness, project review, and future planning efforts.
Other Local Planning Mechanisms	The Town integrates data, vulnerability information, and mitigation actions from the LHMP into other local planning mechanisms by using the Plan as a reference when updating long-range planning documents, infrastructure planning efforts, GIS development, project review, and coordination with outside agencies. Town staff and consultants review relevant hazard information when evaluating policies, identifying capital needs, developing mapping tools, and considering opportunities to reduce risk through related planning and implementation activities. Through this process, hazard mitigation is incorporated into routine local planning and decision-making rather than treated as a standalone effort. The Town will continue to use future LHMP updates to identify additional opportunities for integration into local planning, capital, and data-management mechanisms as those mechanisms are updated over time.

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 13** 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 13. Potential Future Integration

Planning Initiative	Current Integration Description
General Plan	The Safety Element provides a key opportunity for future integration, because it can more directly incorporate hazard profiles, vulnerability information, and mitigation actions from the LHMP into long-range safety policies, goals, and implementation programs. As the Town continues its General Plan update process, the Safety Element can be used to more formally align the LHMP with local safety planning, with identified flood, seismic, geologic, and climate-related hazards.
Capital Improvement Plan	Future Capital Improvement Plan updates provide an opportunity to more directly connect hazard mitigation priorities with infrastructure investment and project prioritization. As capital needs are reviewed, the Town can evaluate whether mitigation actions identified in the LHMP should be reflected in future drainage, stormwater, facility, transportation, and other public infrastructure projects, as appropriate.
Public Outreach and GIS Tools	The Town's ongoing development of its first internal and public-facing GIS system provides an opportunity to expand integration of hazard mitigation information into public information and outreach efforts. As GIS resources and public-facing tools are implemented, the Town can incorporate hazard mapping, location-based risk information, and mitigation-related content to improve community awareness and support more informed planning and preparedness.

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

7. SIGNIFICANT PAST EVENTS

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

8. HAZARD VULNERABILITY AND IMPACT ASSESSMENT

Exposure and vulnerability to certain hazards affect the entire County, and others are geographically defined. Although the entire County may be vulnerable to these hazards, their impacts may vary

depending on existing community conditions (e.g., underserved populations or those with access and functional needs may be more susceptible under certain conditions).

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

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

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
- Sea Level Rise
- 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 14 outlines the ***unique vulnerabilities and impacts*** for the Town of Colma 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 14. Hazard Vulnerability and Impact Assessment

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

Hazard	Vulnerability and Impacts
Earthquake	Colma is located in the seismically active San Francisco Bay Area with one (1) active fault, the San Andreas Fault, located outside the Town, and the Serra Fault located within the Town. The Town is located approximately less than two (2) miles away from the San Andreas Fault, which, in a worst-case scenario, could cause violent earthquakes. Additionally, portions of the Town are subject to liquefaction during an earthquake. The Town has a number of historic structures; however, the Columbarium, located at 1370 El Camino Real, is the only major structure uniquely vulnerable to earthquakes because of its age and construction method. At the time of this LHMP update, the structure is undergoing retrofitting.
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	The Town of Colma is bisected by Colma Creek, which is part of a watershed drainage basin defined by San Bruno Mountain on the east and the ridge traced by Skyline Boulevard on the west. Colma Creek flows through the center of the Town and continues through the City of South San Francisco to the Bay. Colma Creek is part of the San Mateo County Flood and Sea Level Rise Resiliency District. The Colma Creek Flood Control Zone covers approximately 16.3 square miles, including the Town of Colma, as well as portions of the cities of Pacifica, Daly City, San Bruno, and South San Francisco. Increased urbanization in the greater San Francisco Bay Area has increased impervious surfaces and reduced groundwater infiltration, thereby increasing runoff and flood potential. Flooding has occurred frequently at El Camino Real and F Street, and on El Camino Real at Mission Road. Certain segments of Colma Creek used to overflow, but improvements to the Colma Creek drainage channel have reduced creek flooding. The Town has been designated Flood Zone X, meaning it has been determined by FEMA to be only minimally prone to flooding; therefore, it is not included on FEMA's official Flood Zone Maps.
Landslide	Located at the base of San Bruno Mountain, Colma is uniquely vulnerable to landslides, particularly during an earthquake.
Sea Level Rise	The Local Planning Team determined that the Town 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 *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Colma is vulnerable to hazards associated with heavy rainfall, as Colma Creek has a history of flooding during heavy rainfall events. *Refer to the flood section of this table.* Due to the Creek's long history of flooding during major storms, the Town is working closely with Daly City on mitigation efforts to reduce these impacts. Also, the Town is mindful of its underserved population (e.g., the elderly and those with access and functional needs). This population is more vulnerable during heat waves/extreme heat events and may require additional assistance.

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

The Town 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 15 outlines whether climate change has increased or decreased the Town'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 15. Climate Change: Current and Future Vulnerability and Impact

Hazard	Vulnerability and Impact
Current Vulnerability and Impact	
Dam Failure	Not Applicable
Drought	Increased
Earthquake	Remained the Same
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	Increased
Landslide	Increased
Sea Level Rise	Not Applicable
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Increased
Tsunami	Not Applicable
Wildfire	Remained the Same
Future Vulnerability and Impact	
Dam Failure	Not Applicable
Drought	Increase
Earthquake	No Change Anticipated
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	Increase
Landslide	Increase

Hazard	Vulnerability and Impact
Sea Level Rise	Not Applicable
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Increase
Tsunami	Not Applicable
Wildfire	No Change Anticipated

Table 16 outlines whether changes in population within the Town 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 16. Changes in Population: Current and Future Vulnerability and Impact

Hazard	Vulnerability and Impact
Current Vulnerability and Impact	
Dam Failure	Not Applicable
Drought	Remained the Same
Earthquake	Remained the Same
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	Remained the Same
Landslide	Remained the Same
Sea Level Rise	Not Applicable
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Remained the Same
Tsunami	Not Applicable
Wildfire	Remained the Same
Future Vulnerability and Impact	
Dam Failure	Not Applicable
Drought	No Change Anticipated
Earthquake	No Change Anticipated
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	No Change Anticipated
Landslide	No Change Anticipated
Sea Level Rise	Not Applicable
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	No Change Anticipated
Tsunami	Not Applicable
Wildfire	No Change Anticipated

Table 17 outlines whether development over the past five (5) years has increased or decreased the Town'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 17. Changes in Development: Current and Future Vulnerability and Impact

Hazard	Vulnerability and Impact
Current Vulnerability and Impact	
Dam Failure	Not Applicable
Drought	Remained the Same
Earthquake	Remained the Same
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	Remained the Same
Landslide	Remained the Same
Sea Level Rise	Not Applicable
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	Remained the Same
Tsunami	Not Applicable
Wildfire	Remained the Same
Future Vulnerability and Impact	
Dam Failure	Not Applicable
Drought	No Change Anticipated
Earthquake	No Change Anticipated
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	No Change Anticipated
Landslide	No Change Anticipated
Sea Level Rise	Not Applicable
Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	No Change Anticipated
Tsunami	Not Applicable
Wildfire	No Change Anticipated

8.1. Future Major Assets

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

9. HAZARD RISK RANKING

Table 18 presents the local hazard ranking for the Town of Colma 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 19** 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 18. Town of Colma Hazard Risk Ranking

Hazard Event	Probability Factor	Sum of Weighted Extent Factors	Sum of Weighted Vulnerability Factors	Sum of Weighted Impact Factors	Consequence Score	Total Risk Score*
Urban/Flash Flooding ***(Flood)***	3	18	13	31	62	86
Heavy Rainfall ***(Severe Weather)***	3	12	13	22	47	65
Earthquake	2	18	13	34	65	60
Wildfire	2	18	9	33	60	56
Heat Wave/Extreme Heat ***(Severe Weather)***	3	9	10	15	34	47
Landslide	2	9	9	30	48	44
Riverine Flooding ***(Flood)***	2	12	6	28	46	43
Severe Thunderstorm ***(Severe Weather)***	2	12	13	20	45	42
Strong Winds ***(Severe Weather)***	2	6	13	22	41	38
Drought	2	6	11	21	38	35
Tornado ***(Severe Weather)***	1	6	13	13	32	15
Fog ***(Severe Weather)***	1	6	9	11	26	12
Sea Level Rise	0	0	0	0	0	0
Dam Failure	0	0	0	0	0	0
Coastal Flooding ***(Flood)***	0	0	0	0	0	0
Tsunami	0	0	0	0	0	0

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).

The Town of Colma agreed to **24** mitigation actions that apply to the jurisdiction's properties for which it has jurisdictional responsibility and authority. A summary of the Town's mitigation actions status is listed in **Table 19**.

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 18**). Hazards that ranked *low* (dam failure, sea level rise, and tsunami) may not have specific mitigation actions detailed in this document.

Table 19. Town of Colma Mitigation Actions Summary

Status	Mitigation Action Total
Continuing	5
In Progress	12
Not Yet Started	7
New	0
TOTAL	**24**
Completed	4
No Longer Needed	1

Mitigation Actions per Hazard			
Dam Failure	n/a	Sea Level Rise	n/a
Drought	14	Severe Weather *(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)*	22
Earthquake	19	Tsunami	n/a
Flood *(riverine flooding, urban/flash flooding, coastal flooding)*	22	Wildfire	21
Landslide	19		

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

Mitigation Action	Where appropriate, support retrofitting, purchasing, or relocating structures located in high-hazard areas, prioritizing those that have experienced repetitive losses and/or are in high- or medium-risk hazard areas.				
Action Number	COL-1	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	26/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	1 to 2 Years	**Implementation Priority**	Medium
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	Town of Colma Public Works and Engineering Department				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	General Fund (Staff Time), HMGP, FMA, BRIC, Private Developer funds		
Additional Details *(optional)*					

Mitigation Action	Integrate the San Mateo County Local Hazard Mitigation Plan into other Town plans, ordinances, and programs that govern land use decisions in the community, including, but not limited to, the General Plan (and its elements, as appropriate) and Green Infrastructure Plan.				
Action Number	COL-2	**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	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Completed	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	n/a				
Lead Agency / Organization	n/a				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	n/a	**Potential Funding Source**	n/a		
Additional Details *(optional)*					

Mitigation Action	Actively participate in the Hazard Mitigation Plan maintenance protocols outlined in Volume 1 of the San Mateo County Local Hazard Mitigation Plan.				
Action Number	COL-3	**Goal(s) Addressed**	1, 2, 3, 4, 5	**Prioritization Score**	35/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Low				
Lead Agency / Organization	Town of Colma Planning Department, Colma Fire Protection District				
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	Continue to keep good standing and compliance with the National Flood Insurance Program (NFIP) by implementing floodplain management programs that, at a minimum, meet NFIP requirements. These include, but are not limited to, enforcing the Town's flood damage prevention ordinance, participating in floodplain identification and mapping updates, and providing public assistance/information on floodplain requirements and impacts.				
Action Number	COL-4	**Goal(s) Addressed**	1, 2, 3, 4, 5	**Prioritization Score**	38/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Flood, Severe Weather				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	Town of Colma Public Works and Engineering Department				
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	Identify and institutionalize climate adaptation strategies by codifying resilience standards into existing City plans and procedures to reduce vulnerability and impacts of specific climate-driven hazards, including, but not limited to, the implementation of the Climate Action Plan, reducing greenhouse gas (GHG) emissions, and promoting sustainability, energy efficiency, and climate action planning.				
Action Number	COL-5	**Goal(s) Addressed**	n/a	**Prioritization Score**	n/a
Year Added to the Plan	2021	**Timeline** *(estimated)*	n/a	**Implementation Priority**	n/a
Hazard(s) Mitigated	Drought, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Completed	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	n/a				
Lead Agency / Organization	n/a				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	n/a	**Potential Funding Source**	n/a		
Additional Details *(optional)*					

Mitigation Action	Acquire and install emergency backup power systems (e.g., generators) for Town critical facilities and infrastructure that lack adequate backup power. This will allow for continuity of operations and reduce the impact on service delivery during and after an emergency or major disaster.				
Action Number	COL-6	**Goal(s) Addressed**	1, 4, 5	**Prioritization Score**	32/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	1 to 5 Years	**Implementation Priority**	High
Hazard(s) Mitigated		Earthquake, Flood, Landslide, Severe Weather, Wildfire			
Project Status		Not Yet Started	If *No Longer Needed*, provide reason.	n/a	
Benefits *(Loss Avoided)*		High			
Lead Agency / Organization		Town of Colma Public Works and Engineering Department			
Supporting Agency / Organization *(If applicable)*		n/a			
Additional Participating Jurisdictions *(If Applicable)*		n/a			
Estimated Cost		High	**Potential Funding Source**	General Fund (Staff Time), HMGP, FMA	
Additional Details *(optional)*					

Mitigation Action	Support countywide hazard mitigation actions and initiatives identified in the San Mateo County Local Hazard Mitigation Plan, specifically those taking place within the Town.				
Action Number	COL-7	**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	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Low				
Lead Agency / Organization	Town of Colma Public Works and Engineering Department, Town of Colma Planning Department, Colma Fire Protection District				
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	Update land use planning to include consideration of FEMA criteria for climate-driven extreme weather. This can include, but is not limited to, new policies and Town actions regarding the General Plan, climate-related plans, and development applications. This ensures that new development and infrastructure account for climate-driven extreme weather events.				
Action Number	COL-8	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	34/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	4 to 5 Years	**Implementation Priority**	High
Hazard(s) Mitigated		Drought, Flood, Severe Weather, Wildfire			
Project Status		In Progress	If *No Longer Needed*, provide reason.	n/a	
Benefits *(Loss Avoided)*		Low			
Lead Agency / Organization		Town of Colma Planning Department			
Supporting Agency / Organization *(If applicable)*		n/a			
Additional Participating Jurisdictions *(If Applicable)*		n/a			
Estimated Cost		High	**Potential Funding Source**	General Fund (Staff Time), City Capital Improvement Program funds, Private Developers	
Additional Details *(optional)*					

Mitigation Action	Integrate earthquake and wildfire risk assessments into project planning and design to ensure long-term structural and infrastructure resilience and reduce vulnerability and impacts from these hazards.				
Action Number	COL-9	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	29/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	4 to 5 Years	**Implementation Priority**	Medium
Hazard(s) Mitigated	Earthquake, Wildfire				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Low				
Lead Agency / Organization	Town of Colma Planning Department				
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	Update and enhance existing water-related climate hazard mapping (e.g., flood, stormwater, and groundwater emergence) to better reflect current conditions and the most current long-term future conditions.				
Action Number	COL-10	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	37/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	1 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Flood, Landslide, Severe Weather				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	Town of Colma Planning Department				
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	Provide coordination and technical assistance in grant funding applications (e.g, assistance in benefit versus cost analysis) and complete required grant management/closeout activities to the extent possible based on available resources.				
Action Number	COL-11	**Goal(s) Addressed**	5	**Prioritization Score**	35/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Low				
Lead Agency / Organization	Town of Colma Planning Department				
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	Implement green infrastructure projects that enhance resiliency to natural disasters and incorporate green design elements into hazard mitigation projects, where feasible.				
Action Number	COL-12	**Goal(s) Addressed**	1, 3	**Prioritization Score**	33/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	4 to 5 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Flood, Landslide, Severe Weather, Wildfire				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Low				
Lead Agency / Organization	Town of Colma Planning Department				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), Stormwater fees, Clean Water State Revolving Fund, HMGP, FMA, BRIC		
Additional Details *(optional)*					

Mitigation Action	Develop a full Continuity of Operations (COOP) Plan for Town government.				
Action Number	COL-13	**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	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Completed	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	n/a				
Lead Agency / Organization	n/a				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	n/a	**Potential Funding Source**	n/a		
Additional Details *(optional)*					

Mitigation Action	Coordinate and assist with the development of Continuity of Operations Plans (COOPs) for the Town's cemeteries that integrate with the Local Hazard Mitigation Plan to ensure the rapid restoration of services and the protection of infrastructure following a disaster.				
Action Number	COL-14	**Goal(s) Addressed**	5	**Prioritization Score**	29/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	1 to 3 Years	**Implementation Priority**	Medium
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	Town of Colma Public Works and Engineering Department				
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	Establish a Public-Private Partnership program with owners of critical facilities and businesses (e.g., cemeteries and large retailers) to coordinate long-term risk reduction and resilience within the community.				
Action Number	COL-15	**Goal(s) Addressed**	5	**Prioritization Score**	32/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	1 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Earthquake, Flood, Severe Weather, Wildfire				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Medium				
Lead Agency / Organization	Town of Colma Planning Department				
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 implement a Debris Management Plan to institutionalize post-disaster resilience and mitigate economic and environmental impacts.				
Action Number	COL-16	**Goal(s) Addressed**	5	**Prioritization Score**	35/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	1 to 2 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	Town of Colma Public Works and Engineering Department				
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	Construct sewer bypass piping to provide infrastructure redundancy and mitigate the risk of siphon backups and overflows during heavy rainfall events.				
Action Number	COL-17	**Goal(s) Addressed**	1	**Prioritization Score**	31/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	1 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Earthquake, Flood, Severe Weather				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	Town of Colma Public Works and Engineering Department				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), City Capital Improvement Program funds		
Additional Details *(optional)*					

Mitigation Action	Acquire portable power redundancy and implement structural upgrades to connect groundwater pumps to backup power sources. This will ensure continuity of operations and reduce service disruption during an emergency or major disaster.				
Action Number	COL-18	**Goal(s) Addressed**	1, 5	**Prioritization Score**	34/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	1 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	Town of Colma Public Works and Engineering Department				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), HMGP, FMA, BRIC, Private Developer funds		
Additional Details *(optional)*					

Mitigation Action	Collaborate with the North San Mateo County Sanitation District to develop a plan to establish long-term water resource redundancy for the Town through reclaimed water. This will mitigate the risk of water shortages by diversifying the water supply.				
Action Number	COL-19	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	30/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	1 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated		Drought, Wildfire			
Project Status		In Progress	If *No Longer Needed*, provide reason.	n/a	
Benefits *(Loss Avoided)*		Medium			
Lead Agency / Organization		Town of Colma Public Works and Engineering Department			
Supporting Agency / Organization *(If applicable)*		n/a			
Additional Participating Jurisdictions *(If Applicable)*		n/a			
Estimated Cost		Medium	**Potential Funding Source**	General Fund (Staff Time), City Capital Improvement Program funds	
Additional Details *(optional)*					

Mitigation Action	Acquire specialized equipment, including light towers, communication boards, and clearing tools, to establish a permanent resource cache that ensures operational continuity and public safety during emergencies or major disasters. Having these assets locally mitigates the risk of service interruptions and enhances capability.				
Action Number	COL-20	**Goal(s) Addressed**	1, 5	**Prioritization Score**	33/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	1 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	Town of Colma Public Works and Engineering Department				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	General Fund (Staff Time), City Capital Improvement Program funds		
Additional Details *(optional)*					

Mitigation Action	Establish a GPS-based hazardous tree inventory to identify and prioritize the removal of high-risk vegetation near critical facilities and infrastructure.				
Action Number	COL-21	**Goal(s) Addressed**	1, 4, 5	**Prioritization Score**	36/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	1 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	Town of Colma Planning Department				
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	Replace existing landscaping in Lawndale with drought-resistant landscaping.				
Action Number	COL-22	**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	Drought, Wildfire				
Project Status	Completed	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	n/a				
Lead Agency / Organization	n/a				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	n/a	**Potential Funding Source**	n/a		
Additional Details *(optional)*					

Mitigation Action	Conduct a feasibility study to determine whether the current Colma Fire Protection District station can be retrofitted or should be replaced by a sustainable facility.				
Action Number	COL-23	**Goal(s) Addressed**	1, 3, 5	**Prioritization Score**	35/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	2 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	Colma Fire Protection District				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	District Budget, HMGP, FMA, BRIC		
Additional Details *(optional)*	Colma Fire Protection District (CFPD) was a plan participant in the previous LHMP updates. For the 2026 update, CFPD will be a stakeholder in the Town of Colma Annex. This mitigation action was CFD-1 in the previous LHMP update.				

Mitigation Action	Consider implementing the findings of the feasibility study (mitigation action COL-23) with retrofits to, or replacement of, the current facility complex with a sustainable, single facility to consolidate, house, distribute, and dispatch District and State resources for the District service area and northern San Mateo County.				
Action Number	COL-24	**Goal(s) Addressed**	1, 3	**Prioritization Score**	35/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	4 to 5 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	Colma Fire Protection District				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	High	**Potential Funding Source**	District Budget, HMGP, FMA, BRIC		
Additional Details *(optional)*	Colma Fire Protection District (CFPD) was a plan participant in the previous LHMP updates. For the 2026 update, CFPD will be a stakeholder in the Town of Colma Annex. This mitigation action was CFD-2 in the previous LHMP update.				

Mitigation Action	Integrate the San Mateo County Local Hazard Mitigation Plan into other Colma Fire Protection District plans, ordinances, and programs for the community, including, but not limited to, professional trainings and public education programs.				
Action Number	COL-25	**Goal(s) Addressed**	1, 2, 3, 4, 5	**Prioritization Score**	33/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	Ongoing	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Continuing	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	Low				
Lead Agency / Organization	Colma Fire Protection District				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Low	**Potential Funding Source**	District Budget (Staff Time)		
Additional Details *(optional)*	Colma Fire Protection District (CFPD) was a plan participant in the previous LHMP updates. For the 2026 update, CFPD will be a stakeholder in the Town of Colma Annex. This mitigation action was CFD-3 in the previous LHMP update.				

Mitigation Action	Purchase portable generators for critical facilities and infrastructure that lack adequate backup power.				
Action Number	COL-26	**Goal(s) Addressed**	n/a	**Prioritization Score**	n/a
Year Added to the Plan	2021	**Timeline** *(estimated)*	n/a	**Implementation Priority**	n/a
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	No Longer Needed	If *No Longer Needed*, provide reason.	No longer a priority for the Colma Fire Protection District.		
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)*	Colma Fire Protection District (CFPD) was a plan participant in the previous LHMP updates. For the 2026 update, CFPD will be a stakeholder in the Town of Colma Annex. This mitigation action was CFD-7 in the previous LHMP update.				

Mitigation Action	Develop, adopt, and implement a Continuity of Operations Plan (COOP) for the Colma Fire Protection District, outlining redundancy priorities and a framework for the continuation of operations and services in the event of facility loss or other major service disruption, such as a major disaster.				
Action Number	COL-27	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	33/40
Year Added to the Plan	2016	**Timeline** *(estimated)*	2 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	In Progress	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	Colma Fire Protection District				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	District Budget (Staff Time), HMGP, FMA, BRIC		
Additional Details *(optional)*	Colma Fire Protection District (CFPD) was a plan participant in the previous LHMP updates. For the 2026 update, CFPD will be a stakeholder in the Town of Colma Annex. This mitigation action was CFD-8 in the previous LHMP update.				

Mitigation Action	Develop a Facilities Master Plan to identify and prioritize structural retrofits and infrastructure hardening across all Colma Fire Protection District facilities. This Plan will serve as a roadmap to identify future mitigation projects and reduce long-term structural vulnerability.				
Action Number	COL-28	**Goal(s) Addressed**	1, 5	**Prioritization Score**	35/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	2 to 3 Years	**Implementation Priority**	High
Hazard(s) Mitigated		Earthquake, Flood, Landslide, Severe Weather, Wildfire			
Project Status		In Progress	If *No Longer Needed*, provide reason.	n/a	
Benefits *(Loss Avoided)*		High			
Lead Agency / Organization		Colma Fire Protection District			
Supporting Agency / Organization *(If applicable)*		n/a			
Additional Participating Jurisdictions *(If Applicable)*		n/a			
Estimated Cost		Low	**Potential Funding Source**	District Budget (Staff Time)	
Additional Details *(optional)*		Colma Fire Protection District (CFPD) was a plan participant in the previous LHMP updates. For the 2026 update, CFPD will be a stakeholder in the Town of Colma Annex. This mitigation action was CFD-9 in the previous LHMP update.			

Mitigation Action	Acquire services from an external consultant to identify FEMA or other hazard mitigation grants, assist with the application process, manage any awarded grants, and handle related audits for the Colma Fire Protection District's mitigation projects outlined in the San Mateo County Local Hazard Mitigation Plan.				
Action Number	COL-29	**Goal(s) Addressed**	1, 3, 4, 5	**Prioritization Score**	35/40
Year Added to the Plan	2021	**Timeline** *(estimated)*	1 to 2 Years	**Implementation Priority**	High
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Severe Weather, Wildfire				
Project Status	Not Yet Started	If *No Longer Needed*, provide reason.	n/a		
Benefits *(Loss Avoided)*	High				
Lead Agency / Organization	Colma Fire Protection District				
Supporting Agency / Organization *(If applicable)*	n/a				
Additional Participating Jurisdictions *(If Applicable)*	n/a				
Estimated Cost	Medium	**Potential Funding Source**	District Budget (Staff Time)		
Additional Details *(optional)*	Colma Fire Protection District (CFPD) was a plan participant in the previous LHMP updates. For the 2026 update, CFPD will be a stakeholder in the Town of Colma Annex. This mitigation action was CFD-10 in the previous LHMP update.				

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	Unlikely	There is little to no probability of a significant occurrence, or the recurrence interval is greater than every 100 years.	0	N/A
Drought	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Earthquake	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Riverine Flooding ***(Flood)***	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Urban/Flash Flooding ***(Flood)***	High	A significant hazard event is likely to occur annually.	3	N/A
Coastal Flooding ***(Flood)***	Unlikely	There is little to no probability of a significant occurrence, or the recurrence interval is greater than every 100 years.	0	N/A
Landslide	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Sea Level Rise	Unlikely	There is little to no probability of a significant occurrence, or the recurrence interval is greater than every 100 years.	0	N/A
Heavy Rainfall ***(Severe Weather)***	High	A significant hazard event is likely to occur annually.	3	N/A
Heat Wave/Extreme Heat ***(Severe Weather)***	High	A significant hazard event is likely to occur annually.	3	N/A
Fog ***(Severe Weather)***	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Severe Thunderstorm ***(Severe Weather)***	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Tornado ***(Severe Weather)***	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Strong Winds ***(Severe Weather)***	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Tsunami	Unlikely	There is little to no probability of a significant occurrence, or the recurrence interval is greater than every 100 years.	0	N/A

Hazard Event	Probability of Occurrence		Probability Factor	Weighted Factor
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***	Unlikely	Historical and/or probabilistic models/studies for this hazard indicate the possibility of little to no intensity.	0	3	0
	Catastrophic	Unlikely	Virtually no probability that this hazard could be catastrophic.	0	3	0
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***	Unlikely	Historical and/or probabilistic models/studies for this hazard indicate the possibility of little to no intensity.	0	3	0
	Catastrophic	Unlikely	Virtually no probability that this hazard could be catastrophic.	0	3	0

Hazard Event	Extent Factor	Extent		Extent Factor	Weighted Factor	Score
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
Sea Level Rise	***Extent/Severity***	Unlikely	Historical and/or probabilistic models/studies for this hazard indicate the possibility of little to no intensity.	0	3	0
	Catastrophic	Unlikely	Virtually no probability that this hazard could be catastrophic.	0	3	0
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

Hazard Event	Extent Factor	Extent		Extent Factor	Weighted Factor	Score
Strong Winds *(Severe Weather)*	***Extent/Severity***	Low	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a low-intensity incident.	1	3	3
	Catastrophic	Low	Low potential that this hazard could be catastrophic.	1	3	3
Tsunami	***Extent/Severity***	Unlikely	Historical and/or probabilistic models/studies for this hazard indicate the possibility of little to no intensity.	0	3	0
	Catastrophic	Unlikely	Virtually no probability that this hazard could be catastrophic.	0	3	0
Wildfire	***Extent/Severity***	High	Historical and/or probabilistic models/studies for this hazard indicate the possibility of a high-intensity incident.	3	3	9
	Catastrophic	High	High potential that this hazard could be catastrophic.	3	3	9

C.3. Vulnerability Factors

Hazard Event	Vulnerability Factor	Vulnerability		Vulnerability Factor	Weighted Factor	Score
Dam Failure	***Population Exposure***	No Vulnerability	None of the population is exposed to the hazard.	0	3	0
	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
Drought	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	Low	9% or less of the total assessed property value is exposed to a hazard.	1	1	1
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1

Hazard Event	Vulnerability Factor	Vulnerability		Vulnerability Factor	Weighted Factor	Score
Earthquake	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Riverine Flooding ***(Flood)***	***Population Exposure***	Low	14% or less of the population is exposed to the hazard.	1	3	3
	Property Exposure	Medium	10% to 24% of the total assessed property value is exposed to a hazard.	2	1	2
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Urban/Flash Flooding ***(Flood)***	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Coastal Flooding ***(Flood)***	***Population Exposure***	No Vulnerability	None of the population is exposed to the hazard.	0	3	0
	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
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

Hazard Event	Vulnerability Factor	Vulnerability		Vulnerability Factor	Weighted Factor	Score
Sea Level Rise	***Population Exposure***	No Vulnerability	None of the population is exposed to the hazard.	0	3	0
	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
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

Hazard Event	Vulnerability Factor	Vulnerability		Vulnerability Factor	Weighted Factor	Score
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
Strong Winds ***(Severe Weather)***	***Population Exposure***	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1
Tsunami	***Population Exposure***	No Vulnerability	None of the population is exposed to the hazard.	0	3	0
	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
Wildfire	***Population Exposure***	Medium	15% to 29% of the population is exposed to the hazard.	2	3	6
	Property Exposure	Medium	10% to 24% of the total assessed property value is exposed to a hazard.	2	1	2
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1

C.4. Impact Factors

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

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

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

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

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

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

Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Severe Thunderstorm ***(Severe Weather)***	***Population and Life Safety***	Low	Populations exposed to this hazard are likely to experience minimal adverse impacts, such as ambulatory injuries.	1	3	3
	Underserved Population	Medium	Underserved populations exposed to the hazard are likely to experience some adverse/disproportionate impacts, such as injuries requiring acute medical care.	2	3	6
	Property, Facilities, and Critical Infrastructure	Medium	More than $500,000 but less than $5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	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	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***	No Impact	Populations exposed to this hazard are not likely to experience significant adverse impacts.	0	3	0
	Underserved Population	No Impact	Underserved populations exposed to the hazard are not likely to experience significant adverse/disproportionate impacts.	0	3	0
	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	No Impact	Virtually no significant economic impact.	0	1	0
	Environmental	No Impact	No environmental impacts from a significant event are likely.	0	1	0
	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	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
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	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	High	Climate Change trends will significantly increase the impacts of this hazard.	3	1	3

APPENDIX D. PLAN ADOPTION

[Placeholder for adoption documentation after State and FEMA approval]