



Local Hazard Mitigation Plan

San Mateo County, California

**City of Daly City
Annex**

2026

DRAFT



TABLE OF CONTENTS

1. HAZARD MITIGATION LOCAL PLANNING TEAM	1
2. JURISDICTION PROFILE	1
2.1. Brief History	1
2.2. Governing Body Format	2
2.3. Population	2
3. CHANGES IN DEVELOPMENT	2
3.1. Changes in Priority	3
4. CAPABILITY ASSESSMENT	3
4.1. Planning and Regulatory Capabilities	4
4.2. Administrative and Technical Capabilities	6
4.3. Fiscal Capabilities	7
4.4. Education and Outreach Capabilities	8
4.5. Community Classifications	9
4.6. Needs to Expand/Improve Capabilities	9
5. NATIONAL FLOOD INSURANCE PROGRAM	9
5.1. NFIP Floodplain Administrator	10
5.2. Repetitive Loss and Severe Repetitive Loss Property	10
5.3. Participation Activities	11
5.3.1. Substantial Damage	11
5.3.2. Substantial Improvement	12
5.3.3. Substantial Damage/Substantial Improvement Determination Process	12
6. HAZARD MITIGATION PLAN INTEGRATION	12
6.1. Existing Plan Integration	12
6.2. Potential Future Integration	13
7. SIGNIFICANT PAST EVENTS	14
8. HAZARD VULNERABILITY AND IMPACT ASSESSMENT	14
8.1. Future Major Assets	18
9. HAZARD RISK RANKING	19
10. MITIGATION ACTIONS	21
APPENDIX A. HAZARD MAPS	40
APPENDIX B. STAKEHOLDER AND PUBLIC ENGAGEMENT	41
APPENDIX C. HAZARD RISK RANKING DETAILS	42
APPENDIX D. PLAN ADOPTION	65



This Annex details the hazard mitigation elements specific to the City of Daly City, 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 City of Daly City. This Annex provides additional information specific to the City, 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 City of Daly City 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
Nick Gracia	Battalion Chief	North County Fire Authority
Joel Abelson	Deputy Fire Chief	North County Fire Authority

2. JURISDICTION PROFILE

Known as the “Gateway to the Peninsula,” the City of Daly City is located at the northernmost edge of San Mateo County, adjacent to the City of San Francisco. Daly City borders the cities of San Francisco, Colma, South San Francisco, Pacifica, Brisbane, and Broadmoor and extends from the Pacific Ocean on the west to nearly San Francisco Bay on the east. Daly City, central to two (2) of the Bay Area’s major job growth zones of San Francisco and San Mateo counties, has become a regional hub for retail, healthcare, and small businesses.

The City has a mild climate, with wet, mild winters and dry summers. Most months, maximum temperatures will be in the 50s to 70s, and evenings are usually in the 50s or 60s. In the summer, the weather is cool, humid (except September), when persistent fog often envelops the City. Annual average precipitation is 22.90 inches.

2.1. Brief History

Much of Daly City began as farm and dairy lands. After the great 1906 earthquake and fires, which destroyed many San Franciscans’ homes, residents were left in temporary housing on the ranches to the south, including a large one owned by John Daly. Daly later subdivided his property, which resulted in several housing tracts being built. A community was emerging, and, fearing annexation by San Francisco, residents voted to incorporate their community, which became Daly City.

The community remained relatively small until the late 1940’s when developer Henry Doelger purchased land and created Westlake, a major district of homes and businesses, including the Westlake Shopping



Center. As the years went on, Daly City became home to several other suburban neighborhoods, including a major indoor shopping mall and Seton Hospital.

2.2. Governing Body Format

Daly City is a General Law City (authority is set forth in the California Government Code) governed by a council-manager form of government in which the five (5) member City Council appoints the City Manager. The City Manager oversees an Executive Leadership Team in the operation of eight (8) departments employing approximately 475 staff with an annual estimated budget of \$150 million.

The City Council assumes responsibility for adopting this Plan, and the City Manager will oversee its implementation.

2.3. Population

In 2024, the City of Daly City had a population of 101,418, a 3.5% decrease from the estimated 2020 population of 105,049. **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.¹

Table 1. Population Trends

Population				Underserved Population		
2010	2020	2024	Population Change (2020 – 2024)	Youth (Under 5 years old)	Elderly (Over 65 years old)	Below Poverty Level
101,123	105,049	101,418	-3.5%	3.5%	20.5%	7.7%

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 City of Daly City 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 Daly City 2030 General Plan in March 2013.

Development levels for the City of Daly City during the past five (5) years were moderate, consisting primarily of residential development. Daly City is generally built out, with very few vacant, undeveloped sites. Most development occurs on previously developed infill sites. New development is primarily residential, with some limited commercial development in existing urban shopping centers or along commercial corridors. Additionally, there has been a focus on affordable housing and higher-density

¹ United States Census Bureau. (2024). QuickFacts: City of Daly City, California. Retrieved from <https://www.census.gov/quickfacts/fact/table/dalycitycalifornia/PST045224>.



housing near urban corridors. No recent development has occurred in known hazard areas. City actions, such as those relating to land use allocations, annexations, zoning, subdivision and design review, redevelopment, and capital improvements, must be consistent with the General Plan. Future growth and development in the City will be managed as identified in the General Plan.

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
<p>Has your jurisdiction annexed any land since the development of the previous Local Hazard Mitigation Plan? <i>If yes, give the estimated area annexed and the estimated number of parcels or structures.</i></p>	No
<p>Is your jurisdiction expected to annex any areas during the performance period of this Plan?</p>	No
<p>Has your jurisdiction had any significant changes in development over the past five (5) years that have occurred in hazard-prone areas? <i>If yes, briefly describe.</i></p>	No
<p>Are there any areas targeted for development or major redevelopment in the next five (5) years that will occur in hazard-prone areas? <i>If yes, briefly describe.</i></p>	No
<p>Provide the number of permits for each hazard area or provide a qualitative description of where development has occurred.</p>	Development occurred on a variety of infill sites throughout the City. Larger developments occurred near the Cow Palace, the Jefferson Union High School property on Serramonte Boulevard, and on various properties along Junipero Serra Boulevard.

3.1. Changes in Priority

The City of Daly City'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 City of Daly City's authorities, policies, programs, and resources. Goals and mitigation actions were developed using input from this assessment. Information regarding the City'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 City of Daly City'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 City'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 <i>(local, county, state, federal)</i>	Responsible Department/ Agency	Code Citation and Comments <i>(e.g., Code Chapter, name of plan, explanation of authority, etc.)</i>
Planning Capacity				
Comprehensive Plan / General Plan	Yes	Local	Economic Development Department	2030 General Plan (March 2013)
Capital Improvement Plan	Yes	Local	City Manager's Office, Finance and Administrative Services Department	Updated at least every two (2) years
Floodplain Management / Basin Plan	No	n/a	n/a	n/a
Stormwater Management Plan	Yes	Local	Public Works Department	Green Infrastructure Plan (July 2019)
Open Space Plan	Yes	Local	Public Works Department	Daly City Parks and Open Space Master Plan (March 2020)



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.)
Stream Corridor Management Plan	No	n/a	n/a	n/a
Watershed Management or Protection Plan	No	n/a	Public Works Department	Vista Grande Watershed Plan (August 2006)
Economic Development Plan	Yes	Local	Economic Development Department	Included in the General Plan (March 2013)
Comprehensive Emergency Management Plan	No	n/a	n/a	n/a
Emergency Operations Plan	Yes	Local	North County Fire Authority	City of Daly City and North County Regional Area Emergency Operations Plan (2020)
Evacuation Plan	Yes	Local	North County Fire Authority	All-Hazard and Evacuation Plan
Post-Disaster Recovery Plan	Yes	Local	North County Fire Authority	Included in the City of Daly City and North County Regional Area Emergency Operations Plan (2020)
Transportation Plan	Yes	Local	Public Works Department	Daly City Pedestrian and Bicycle Master Plan (February 2020)
Strategic Recovery Planning Report	No	n/a	n/a	n/a
Climate Adaptation Plan	Yes	Local	Public Works Department	Daly City Vision Zero Action Plan (May 2020)
Resilience Plan	No	n/a	n/a	n/a
Urban Water Management Plan	Yes	Local	Public Works Department	2020 Urban Water Management Plan (June 2021)
Regulatory Capability				
Building Code	Yes	Local	Economic Development Department	Title 15, Chapter 15.08 of the City Code
Zoning Code	Yes	Local	Economic Development Department	Title 17, Chapter 17.02 of the City Code
Subdivision Code	Yes	Local	Economic Development Department	Title 16, Chapter 16.04 of the City Code
Flood Damage Prevention Ordinance	No	n/a	n/a	n/a
Cumulative Substantial Damage Ordinance	No	n/a	n/a	n/a
Freeboard	No	n/a	n/a	n/a
Growth Management Ordinance	Yes	Local	Economic Development Department	Title 17, Chapter 17.02.020 of the City 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.)
Site Plan Review	Yes	Local	Economic Development Department	Title 16 and Title 17, Chapter 17.4 of the City Code
Stormwater Management Ordinance	Yes	Local	Public Works Department	City Code Title 14, Chapter 14.04 of the City Code Adopted Municipal Region Permit by the San Francisco Regional Water Quality Control Board
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	Yes	Local	North County Fire Authority	Title 2, Chapter 2.28.010 – 2.28.090 of the City Code
Real Estate Disclosure Requirement	Yes	State	California Real Estate Department	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	Yes	Planning Commission
Mitigation Planning Committee	Yes	North San Mateo County Sanitation District Board Bicycle/Pedestrian Advisory Committee
Environmental Board/Commission	No	n/a
Open Space Board/Committee	Yes	Recreation Commission
Economic Development Commission/Committee	Yes	Small Business Commission
Maintenance programs to reduce risk	No	n/a
Mutual Aid Agreements	Yes	California Law Enforcement Mutual Aid System California Master Mutual Aid Agreement North County Fire Authority



Capability	Yes/No	Comments <i>(e.g., position, department, agency, explanation)</i>
Technical/Staffing Capabilities		
Planner(s) or engineer(s) with knowledge of land development and land management practices	Yes	Public Works Department Economic Development Department
Engineer(s) or professional(s) trained in building or infrastructure construction practices	Yes	Public Works Department Economic Development Department
Planners or engineers with an understanding of natural hazards	Yes	Economic Development Department Public Works Department (Director, City Engineer, Senior and Associate Engineers) Contractual Services
NFIP Floodplain Administrator	No	n/a
Surveyor(s)	No	n/a
Personnel skilled or trained in GIS applications	Yes	Public Works Department (GIS Analyst)
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	North County Fire Authority
Grantwriter(s)	Yes	Public Works Department Economic Development Department
Staff with expertise or training in benefit cost analysis	Yes	Public Works Department (Engineers)
Professionals trained in conducting damage assessments	Yes	Public Works Department Economic Development Department

4.3. Fiscal Capabilities

Table 5 lists fiscal capabilities available to the City of Daly City 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)	Yes
Federal Hazard Mitigation Assistance Program <i>(i.e., Hazard Mitigation Grant Program (HMGP), HMGP Post Fire, Flood Mitigation Assistance (FMA) Program)</i>	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



Capability	Accessible or Eligible to Use
Stormwater utility fee	Yes
Incur debt through general obligation bonds	Yes
Incur debt through special tax bonds	Yes
Incur debt through private activity bonds	Yes
Withhold public expenditures in hazard-prone areas	Yes
Other federal or state funding programs	Yes
Open space acquisition funding programs	No

4.4. Education and Outreach Capabilities

Table 6 lists the City’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 <i>(e.g., position, department, agency, explanation)</i>
Public Information Officer	Yes	Assistant City Manager
Personnel skilled or trained in website development	Yes	Assistant City Manager
Hazard mitigation information is available on the jurisdiction's website	Yes	LHMP posted on the website
Utilize social media for hazard mitigation education and outreach	Yes	Facebook: Facebook.com/dalycitygov/ Instagram: Instagram.com/dalycitygov/ YouTube: Youtube.com/DalyCityGov X: X.com/DalyCityCA Nextdoor: Nextdoor.com/city/daly-city-ca/
Citizen boards or commissions that address issues related to hazard mitigation	No	n/a
Other programs already in place that could be used to communicate hazard-related information	Yes	Communications programs via the City website, social media, monthly e-newsletter, and quarterly print newsletter Hazard-related information has been communicated through Project Green Space (urban forestry program) Other public-facing sustainability programs
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 City of Daly City.

Table 7. Community Classifications

Program	Yes/No	Classification <i>(if applicable)</i>	Date Classified <i>(if applicable)</i>
Community Rating System (CRS)	No	n/a	n/a
Building Code Effectiveness Grading Schedule (BCEGS)	Yes	3	2014
Public Protection (ISO Fire Protection Classes 1 to 10)	Yes	2	2/1/2009
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 City of Daly City 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).

- City codes and ordinances (e.g., building, zoning, land use, fire) should be reviewed based on developing trends in identified hazards and mitigation measures that can make them more effective at preventing losses and risk reduction.
- To increase the City's capability to identify and apply for hazard mitigation grants and fund the local match for hazard mitigation grants, the City needs to expand its grant writing capabilities by potentially hiring more grant writers.

5. NATIONAL FLOOD INSURANCE PROGRAM

The City of Daly City 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 City 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 City’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
060317	2/22/1974	4/5/2019	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 City of Daly City Floodplain Administrator information is listed in **Table 9**.

Table 9. Floodplain Administrator

Name	Title	Department	Phone Number
Richard Chiu	Director	Public Works Department	(650) 457-3981

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.²

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:³

- 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.

² 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.

³ 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.



- 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 City of Daly City.

Table 10. Repetitive Loss and Severe Repetitive Loss Properties

Repetitive Loss Properties		Severe Repetitive Loss Properties	
Total	Occupancy	Total	Occupancy
3	3 Two (2)-Four (4) Unit Residential Building	1	1 Non-Residential Building

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 City of Daly City.

Table 11. NFIP Policies

NFIP Policies	Insurance in Force	Total Claims Paid	Sum of Claims Paid
2	\$700,000	6	\$44,690.91

5.3. Participation Activities

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

- 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

The City does not have designated Special Flood Hazard Areas within its boundaries; therefore, the City of Daly City has not adopted a standalone substantial damage ordinance. The Town maintains NFIP compliance through existing municipal oversight rather than specific regulatory language.



5.3.2. Substantial Improvement

The City does not have designated Special Flood Hazard Areas within its boundaries; therefore, the City of Daly City has not adopted a standalone substantial improvement ordinance. The City maintains NFIP compliance through existing municipal oversight rather than specific regulatory language.

5.3.3. Substantial Damage/Substantial Improvement Determination Process

The City does not have designated Special Flood Hazard Areas within its boundaries; therefore, the City of Daly City has not adopted formal procedures or a standalone ordinance for substantial improvement determinations.

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 City of Daly City 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	Hazard data and mitigation priorities from the LHMP informed Safety Element policies. The LHMP served as a crucial tool in shaping policies and actions within the General Plan.
Emergency Operations Plan	The Emergency Operations Plan (EOP) integrates mitigation considerations into its response actions to reduce the community's risk exposure. The LHMP is currently used as an essential tool to update the City EOP.



Planning Initiative	Current Integration Description
Capital Improvement Program	Hazard data and mitigation priorities from the LHMP inform capital project prioritization and align mitigation projects with funding opportunities, including FEMA grant programs. During the development review, staff applied hazard maps and regulatory standards, consistent with LHMP objectives, to ensure that new construction and improvements reduce long-term risk. This integration occurs through coordinated review, ensuring that mitigation goals are embedded in both long-range planning and day-to-day operations.

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
Water and Sewer Master Plans and Capital Improvement Program	Water and sewer master plans identify projects needed to make the utility system more resilient and better able to withstand natural disasters outlined in the LHMP. These projects will continue to be prioritized and funded through the City's Capital Improvement Program. The LHMP may identify new funding sources for capital improvement projects, potentially leading to modifications to proposed projects based on the risk assessment results.
General Plan	This LHMP will be incorporated into the updates to the General Plan Safety Element. The opportunity to incorporate additional hazard mitigation and abatement measures will be considered for inclusion in the updated General Plan. The Safety Element will be revised, and this LHMP will be used to identify new information not available during the previous revision, including hazards, climate adaptation, and resilience strategies.
Emergency Operations Plan	This LHMP will continue to be an essential tool to update the City Emergency Operations Plan (EOP). The latest hazard descriptions in this LHMP will be included in the City EOP, as appropriate. Mitigation actions that are of a preparedness and response nature will be analyzed for applicability and inclusion in the description of EOP processes and procedures.
City Code	Mitigation actions and the hazard risk assessment in this LHMP can inform updates and revisions to the City Code (e.g., building, zoning). Portions of this Plan will be reviewed to consider any future improvements to the Code, if appropriate.
Stormwater Master Plan	Mitigation actions in this LHMP can inform updates and revisions to the Stormwater Master Plan. Watershed protection processes are a useful source of information for developing future mitigation actions.

The City'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
- Wildfire

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

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

Note: Severe weather and flood are profiled as the two (2) hazards. However, to conduct a more thorough risk assessment, the sub-hazards (i.e., heavy rainfall, heat wave/extreme heat, fog, severe thunderstorms, tornadoes, strong winds, riverine flooding, urban/flash flooding, and coastal flooding) were ranked individually. The hazard risk assessment methodology can be found in Chapter 4 of **Volume 1** of this Plan.



Table 14 outlines the *unique vulnerabilities and impacts* for the City of Daly City 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 District does not have unique vulnerabilities or impacts from dam failure; rather, the jurisdiction’s vulnerabilities and impacts are consistent with those experienced throughout the County.
Drought	The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from drought; rather, the jurisdiction’s vulnerabilities and impacts are consistent with those experienced throughout the County.
Earthquake	The San Andreas Fault, considered the most dominant of all faults in the Bay Area, runs directly through the southwestern portion of the Serramonte neighborhood and coastal areas in Daly City. The San Andreas Fault zone can be observed in the Mussel Rock area of the City, where the greatest potential for surface rupture exists. The Alquist-Priolo Special Studies Zone Act of 1972 delineated special studies zone ranges from 750 to 1,000 feet on each side of the fault trace, for that portion of the zone located in Daly City. Surface rupture of the San Andreas within the Alquist-Priolo special studies zone could directly affect several single-family residences, a high school, and a mini-storage facility existing in the area.
Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>)	Flooding is not considered a significant natural hazard in Daly City. To attest to this fact, the Federal Insurance Administration (FIA), which administers the NFIP, has no flood zone map for Daly City. No part of Daly City lies within the 100-year floodplain, meaning that the statistical probability of flooding is less than 1% in any part of the City on any given year. The City has been designated Flood Zone C (Flood Hazard No. 060317) per a letter from FIA dated July 13, 1979. Areas within the 100-year floodplain are designated as Flood Zone A. Nonetheless, the City has several low-lying areas subject to urban/flash flooding.
Landslide	The effects of landslides in Daly City have been most pronounced in the Westlake neighborhood, where, over the past several decades, a number of existing homes have been removed due to landslide risks. Blufftop erosion will continue to threaten existing homes. The vulnerability of homes to landslide hazards in this area is exacerbated by the San Andreas Fault, which bisects the neighborhood.
Sea Level Rise	The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from sea level rise; rather, the jurisdiction’s vulnerabilities and impacts are consistent with those experienced throughout the County.
Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>)	The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from severe weather; rather, the jurisdiction’s vulnerabilities and impacts are consistent with those experienced throughout the County.



Hazard	Vulnerability and Impacts
Tsunami	The Local Planning Team determined that the District does not have unique vulnerabilities or impacts from tsunamis; rather, the jurisdiction’s vulnerabilities and impacts are consistent with those experienced throughout the County.
Wildfire	There are numerous areas with wildfire potential in Daly City. Although not a true wildland, the Southern Hills section of the City has flammable vegetation primarily consisting of gorse weeds. This area has been identified by the California Department of Forestry as a Very High Fire Hazard Severity Zone. Because of its designation and fire hazard, the City has initiated a gorse weed abatement program for residents to clear gorse weed and other combustible vegetation within 50 feet of structures. Other fire hazard areas within the City's boundaries are the wildlands adjacent to the freeways and highways, parks, and numerous areas where structures are built near vegetation.

The City 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 City’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	Remained the Same
Earthquake	Remained the Same
Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>)	Remained the Same
Landslide	Remained the Same
Sea Level Rise	Remained the Same
Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>)	Remained the Same
Tsunami	Remained the Same
Wildfire	Remained the Same
Future Vulnerability and Impact	
Dam Failure	Not Applicable



Hazard	Vulnerability and Impact
Drought	No Change Anticipated
Earthquake	No Change Anticipated
Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>)	No Change Anticipated
Landslide	No Change Anticipated
Sea Level Rise	No Change Anticipated
Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>)	No Change Anticipated
Tsunami	No Change Anticipated
Wildfire	No Change Anticipated

Table 16 outlines whether changes in population within the City 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 (<i>riverine flooding, urban/flash flooding, coastal flooding</i>)	Remained the Same
Landslide	Remained the Same
Sea Level Rise	Remained the Same
Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>)	Remained the Same
Tsunami	Remained the Same
Wildfire	Remained the Same
Future Vulnerability and Impact	
Dam Failure	Not Applicable
Drought	No Change Anticipated
Earthquake	No Change Anticipated
Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>)	No Change Anticipated
Landslide	No Change Anticipated
Sea Level Rise	No Change Anticipated
Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>)	No Change Anticipated



Hazard	Vulnerability and Impact
Tsunami	No Change Anticipated
Wildfire	No Change Anticipated

Table 17 outlines whether development over the past five (5) years has increased or decreased the City’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 (<i>riverine flooding, urban/flash flooding, coastal flooding</i>)	Remained the Same
Landslide	Remained the Same
Sea Level Rise	Remained the Same
Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>)	Remained the Same
Tsunami	Remained the Same
Wildfire	Remained the Same
Future Vulnerability and Impact	
Dam Failure	Not Applicable
Drought	No Change Anticipated
Earthquake	No Change Anticipated
Flood (<i>riverine flooding, urban/flash flooding, coastal flooding</i>)	No Change Anticipated
Landslide	No Change Anticipated
Sea Level Rise	No Change Anticipated
Severe Weather (<i>heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog</i>)	No Change Anticipated
Tsunami	No Change Anticipated
Wildfire	No Change Anticipated

8.1. Future Major Assets

Community assets should include anything that is important to a community's character and function. Assets include people (i.e., underserved population); structures (i.e., new and existing buildings); community lifelines and other critical facilities; natural, historic, and cultural resources; and the economy and other activities that have value to the community. The City of Daly City 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 City of Daly City 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 18** 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. City of Daly City 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
Strong Winds (Severe Weather)	3	9	13	22	44	61
Earthquake	2	18	13	34	65	60
Heat Wave/Extreme Heat (Severe Weather)	3	9	10	15	34	47
Wildfire	2	12	5	33	50	46
Sea Level Rise	3	6	5	21	32	44
Landslide	2	9	6	30	45	42
Severe Thunderstorm (Severe Weather)	2	12	13	20	45	42
Riverine Flooding (Flood)	2	6	5	28	39	36
Drought	2	6	11	21	38	35
Coastal Flooding (Flood)	1	6	5	23	34	16
Tornado (Severe Weather)	1	6	13	13	32	15
Fog (Severe Weather)	1	6	9	11	26	12
Tsunami	1	6	5	12	23	11
Dam Failure	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 City of Daly City agreed to **18** mitigation actions that apply to the jurisdiction’s properties for which it has jurisdictional responsibility and authority. A summary of the City’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 and tsunami) may not have specific mitigation actions detailed in this document.

Table 19. City of Daly City Mitigation Actions Summary

Status		Mitigation Action Total	
Continuing		3	
In Progress		3	
Not Yet Started		12	
New		0	
TOTAL		18	
Completed		0	
No Longer Needed		0	
Mitigation Actions per Hazard			
Dam Failure	n/a	Sea Level Rise	16
Drought	7	Severe Weather <i>(heavy rainfall, severe thunderstorms, strong winds, tornadoes, heat wave/extreme heat, fog)</i>	18
Earthquake	7	Tsunami	11
Flood <i>(riverine flooding, urban/flash flooding, coastal flooding)</i>	18	Wildfire	9
Landslide	8		

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	DCY-1	Goal(s) Addressed	1, 4	Prioritization Score	26/40
Year Added to the Plan	2016	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Not Yet Started	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	High				
Lead Agency / Organization	City of Daly City Public Works 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		
Additional Details (optional)					



Mitigation Action	Integrate the San Mateo County Local Hazard Mitigation Plan into other City 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).				
Action Number	DCY-2	Goal(s) Addressed	1, 5	Prioritization Score	27/40
Year Added to the Plan	2016	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Not Yet Started	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Economic Development 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	Actively participate in the Hazard Mitigation Plan maintenance protocols outlined in Volume 1 of the San Mateo County Local Hazard Mitigation Plan.				
Action Number	DCY-3	Goal(s) Addressed	1, 2, 3, 4, 5	Prioritization Score	29/40
Year Added to the Plan	2016	Timeline (estimated)	Ongoing	Implementation Priority	Medium
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Continuing	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	High				
Lead Agency / Organization	North County Fire Authority				
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)	Fire and rescue services in the City of Daly City are provided by the North County Fire Authority, which is responsible for the City's Annex.				



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 City's flood damage prevention ordinance, participating in floodplain identification and mapping updates, and providing public assistance/information on floodplain requirements and impacts.				
Action Number	DCY-4	Goal(s) Addressed	1, 3, 4, 5	Prioritization Score	33/40
Year Added to the Plan	2016	Timeline (estimated)	Ongoing	Implementation Priority	High
Hazard(s) Mitigated	Flood, Severe Weather				
Project Status	Continuing	<i>If No Longer Needed, provide reason.</i>	n/a		
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Public Works 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 (Daly City Green Vision), reducing greenhouse gas (GHG) emissions, and promoting sustainability, energy efficiency, and climate action planning.				
Action Number	DCY-5	Goal(s) Addressed	3, 5	Prioritization Score	24/40
Year Added to the Plan	2021	Timeline (estimated)	1 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Drought, Flood, Sea Level Rise, Severe Weather, Wildfire				
Project Status	In Progress	If No Longer Needed, provide reason.	n/a		
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Public Works Department, City of Daly City Economic Development 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	Acquire and install emergency backup power systems (e.g., generators) for City 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	DCY-6	Goal(s) Addressed	1, 4	Prioritization Score	30/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	High
Hazard(s) Mitigated	Earthquake, Flood, Landslide, Severe Weather, Tsunami, Wildfire				
Project Status	Not Yet Started	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	High				
Lead Agency / Organization	City of Daly City Public Works 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), Water and Sanitation Funds		
Additional Details (optional)					



Mitigation Action	Develop and implement a program to capture perishable data after significant incidents (e.g., high-water marks, preliminary damage estimates, damage photos) in a database to support future mitigation efforts, including implementing and enhancing hazard mitigation, climate action, and other plans.				
Action Number	DCY-7	Goal(s) Addressed	1, 4, 5	Prioritization Score	27/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Not Yet Started	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Public Works 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), FEMA PA		
Additional Details (optional)					



Mitigation Action	Implement flood hazard analysis (e.g., the 100-year tide and sea level rise projections) into all local shoreline ordinances and land use planning, as appropriate. This can include, but is not limited to, new policies and City actions regarding the General Plan, climate-related plans, and development applications. This ensures that new development, including redevelopment, and infrastructure account for climate-driven extreme weather events.				
Action Number	DCY-8	Goal(s) Addressed	1, 3, 4, 5	Prioritization Score	29/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Flood, Sea Level Rise, Severe Weather, Tsunami				
Project Status	Not Yet Started	<i>If No Longer Needed, provide reason.</i>	n/a		
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Public Works Department, City of Daly City Economic Development 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	Harden and modernize aging critical municipal utility systems, equipment, and critical facilities (e.g., pump stations, backup generators, tide gates, stream gages, open channel, and culvert/pipeline infrastructure) to ensure operational continuity during extreme weather events.				
Action Number	DCY-9	Goal(s) Addressed	1, 3, 5	Prioritization Score	27/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Drought, Earthquake, Flood, Sea Level Rise, Severe Weather, Wildfire				
Project Status	In Progress	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Public Works 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), Sanitation Funds		
Additional Details (optional)					



Mitigation Action	Support green infrastructure projects within the City that enhance resilience to natural disasters and, where feasible, incorporate green design elements into mitigation projects.				
Action Number	DCY-10	Goal(s) Addressed	1, 3, 4	Prioritization Score	24/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Drought, Flood, Landslide, Sea Level Rise, Severe Weather				
Project Status	In Progress	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Public Works Department, City of Daly City Economic Development 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)		
Additional Details (optional)					



Mitigation Action	Upsize stormwater drainage to alleviate repeated localized flooding, especially storm drain systems connected to the San Mateo County Flood and Sea Level Rise Resiliency District channels and infrastructure.				
Action Number	DCY-11	Goal(s) Addressed	1, 3	Prioritization Score	30/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	High
Hazard(s) Mitigated	Flood, Sea Level Rise, Severe Weather				
Project Status	Not Yet Started	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	High				
Lead Agency / Organization	City of Daly City Public Works Department, San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline)				
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		
Additional Details (optional)					



Mitigation Action	Plan, design, and implement long-term resilience initiatives to sea level rise, severe weather, and coastal erosion for culverts, roadways, and bridges in the vicinity of other flood protection projects, including assets identified in the Caltrans District 4 Adaptation Priorities Report.				
Action Number	DCY-12	Goal(s) Addressed	1, 4	Prioritization Score	30/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	High
Hazard(s) Mitigated	Flood, Sea Level Rise, Severe Weather, Tsunami				
Project Status	Not Yet Started	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	High				
Lead Agency / Organization	City of Daly City Public Works Department, San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline)				
Supporting Agency / Organization (If applicable)	n/a				
Additional Participating Jurisdictions (If Applicable)	n/a				
Estimated Cost	High	Potential Funding Source	General Fund (Staff Time), Caltrans funds, HMGP, FMA, BRIC		
Additional Details (optional)					



Mitigation Action	Develop and institutionalize Emergency Action Plans (EAPs) for Navigable Slough, Colma Creek, and San Bruno Creek to establish formal protocols for flood risk reduction and operational continuity.				
Action Number	DCY-13	Goal(s) Addressed	1, 5	Prioritization Score	24/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Flood, Sea Level Rise, Severe Weather, Tsunami				
Project Status	Not Yet Started	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Public Works Department, San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline)				
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, HSGP		
Additional Details (optional)					



Mitigation Action	Improve long-term resilience to Colma Creek, San Bruno Creek, Navigable Slough, and nearby shoreline areas to severe weather, and enhance environmental, recreational, and community connectivity where possible. This may include, but is not limited to, regional stormwater capture projects that also benefit downstream, flood-prone communities.				
Action Number	DCY-14	Goal(s) Addressed	1, 3, 4, 5	Prioritization Score	33/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	High
Hazard(s) Mitigated	Flood, Sea Level Rise, Severe Weather, Tsunami				
Project Status	Not Yet Started	<i>If No Longer Needed, provide reason.</i>	n/a		
Benefits (Loss Avoided)	High				
Lead Agency / Organization	City of Daly City Public Works Department, San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline)				
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		
Additional Details (optional)					



Mitigation Action	Acquire permitting and complete construction of the Vista Grande Drainage Basin Improvement Project, which will address storm-related flooding in the Vista Grande Drainage Basin while providing the additional benefit of augmenting the water level of Lake Merced.				
Action Number	DCY-15	Goal(s) Addressed	1, 3, 5	Prioritization Score	27/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Flood, Sea Level Rise, Severe Weather				
Project Status	Not Yet Started	<i>If No Longer Needed, provide reason.</i>	n/a		
Benefits (Loss Avoided)	High				
Lead Agency / Organization	City of Daly City Public Works Department, City of Daly City Economic Development, North San Mateo County Sanitation District				
Supporting Agency / Organization (If applicable)	n/a				
Additional Participating Jurisdictions (If Applicable)	n/a				
Estimated Cost	High	Potential Funding Source	General Fund (Staff Time), Water and Sanitation funds		
Additional Details (optional)					



Mitigation Action	Improve long-term resilience of the Mussel Rock area, including the adjacent landfill, to severe weather, sea level rise, and coastal erosion, and enhance environmental, recreational, and community connectivity where possible. This may include, but is not limited to, regional stormwater capture projects that also benefit downstream, flood-prone communities.				
Action Number	DCY-16	Goal(s) Addressed	1, 3, 4, 5	Prioritization Score	27/40
Year Added to the Plan	2021	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Flood, Sea Level Rise, Severe Weather				
Project Status	Not Yet Started	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	High				
Lead Agency / Organization	City of Daly City Public Works Department, San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline)				
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		
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 City.				
Action Number	DCY-17	Goal(s) Addressed	1, 2, 3, 4, 5	Prioritization Score	31/40
Year Added to the Plan	2016	Timeline (estimated)	Ongoing	Implementation Priority	High
Hazard(s) Mitigated	Drought, Earthquake, Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Continuing	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Public Works Department, City of Daly City Economic Development Department, North County Fire Authority				
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	Leverage community mitigation frameworks such as Tree City and StormReady to optimize emergency notification systems and incentivize hazard reduction on private property.				
Action Number	DCY-18	Goal(s) Addressed	2, 3, 4, 5	Prioritization Score	31/40
Year Added to the Plan	2016	Timeline (estimated)	4 to 5 Years	Implementation Priority	Medium
Hazard(s) Mitigated	Flood, Landslide, Sea Level Rise, Severe Weather, Tsunami, Wildfire				
Project Status	Not Yet Started	If No Longer Needed, provide reason.		n/a	
Benefits (Loss Avoided)	Medium				
Lead Agency / Organization	City of Daly City Public Works 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)					



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 (<i>Flood</i>)	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Urban/Flash Flooding (<i>Flood</i>)	High	A significant hazard event is likely to occur annually.	3	N/A
Coastal Flooding (<i>Flood</i>)	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Landslide	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Sea Level Rise	High	A significant hazard event is likely to occur annually.	3	N/A
Heavy Rainfall (<i>Severe Weather</i>)	High	A significant hazard event is likely to occur annually.	3	N/A
Heat Wave/Extreme Heat (<i>Severe Weather</i>)	High	A significant hazard event is likely to occur annually.	3	N/A
Fog (<i>Severe Weather</i>)	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Severe Thunderstorm (<i>Severe Weather</i>)	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A
Tornado (<i>Severe Weather</i>)	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Strong Winds (<i>Severe Weather</i>)	High	A significant hazard event is likely to occur annually.	3	N/A
Tsunami	Low	A significant hazard event is likely to occur within 100 years.	1	N/A
Wildfire	Medium	A significant hazard event is likely to occur within 25 years.	2	N/A



C.2. Extent Factors

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



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



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

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
Earthquake	Population Exposure	High	30% or more of the population is exposed to the hazard.	3	3	9
	Property Exposure	High	25% or more of the total assessed property value is exposed to the hazard.	3	1	3
	Changes in Development	Low	Changes in development have increased the community's exposure to the hazard by 4% or less.	1	1	1



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



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



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



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



Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Landslide	Population and Life Safety	High	Populations exposed to this hazard are likely to experience significant adverse impacts, such as fatalities and severe injuries.	3	3	9
	Underserved Population	High	Underserved populations exposed to the hazard are likely to experience significant adverse/disproportionate impacts, such as fatalities and severe injuries.	3	3	9
	Property, Facilities, and Critical Infrastructure	Medium	More than \$500,000 but less than \$5 million in property, facilities, and infrastructure damage is expected from a single significant event, or damages are expected to occur to more than 5% but less than 15% of the property value within the jurisdiction.	2	2	4
	Economic	Medium	Total economic impact is likely to be greater than \$100,000, but less than or equal to \$10 million.	2	1	2
	Environmental	Medium	Environmental impact from a single significant event is likely to be localized, requiring some outside resources and support; and/or repair, cleanup, restoration, or preservation work.	2	1	2
	Continuity of Operations/Delivery of Services	Low	Impact lasting less than 24 hours on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	1	1	1
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	Medium	Climate Change trends will increase the impacts of this hazard, but not significantly.	2	1	2



Hazard Event	Impact Factor	Impact		Impact Factor	Weighted Factor	Score
Sea Level Rise	Population and Life Safety	Medium	Populations exposed to this hazard are likely to experience some adverse impacts, such as injuries requiring acute medical care.	2	3	6
	Underserved Population	Medium	Underserved populations exposed to the hazard are likely to experience some adverse/disproportionate impacts, such as injuries requiring acute medical care.	2	3	6
	Property, Facilities, and Critical Infrastructure	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	No Impact	No impact on the ability of the jurisdiction to meet the essential day-to-day operational demands and needs of the community from a single significant event.	0	1	0
	Future Development	Low	Future development trends will minimally increase the impacts of this hazard.	1	1	1
	Climate Change	High	Climate Change trends will significantly increase the impacts of this hazard.	3	1	3



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



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



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



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



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