

Planning a Successful Community

The values of the community also encompass making decisions that benefit the community's social, natural and economic capital – the triple bottom line. Decisions that enhance all three aspects of community capital provide the greatest benefit; decisions that improve or conserve two forms of capital without diminishing the third are also ideal. Decisions that only benefit one and decrease the other two forms of capital are undesirable.

Protection of critical environmental areas, open space, sensitive habitats and resources is critical to our community. Well-designed and accessible open spaces are essential to the community because they function to preserve and highlight individual neighborhoods' characteristics and strengths. Recreational public access throughout town and connecting to the surrounding forest is essential. As a place that attracts cultural, artistic and wellness-minded residents and visitors alike, providing a high quality visitor experience through a variety of accommodations and recreation amenities is important.

Mammoth Lakes will be a well-planned cohesive community. Exceptional quality in design will be achieved by identifying and protecting distinct neighborhoods and districts. Resort nodes shall be integrated into our community. Planning tools such as green building design strategies, energy efficiency and principles of smart growth will be used to encourage sustainable development that meets current and future needs.

Residents and visitors are involved and respected. An open, participatory and inclusive Town government is critical for accomplishing the goals, policies and actions outlined in this General Plan.

Components of the General Plan

The General Plan is organized by elements. Each element is introduced with an explanation of the intent of the goals, policies and actions within that element. Elements are divided into sections with each goal as a heading followed by the goal's subsequent policies and actions.

All elements and the goals within each element have equal weight and are not listed in any particular order.

Element – Subject areas that are integral to the unique identity of Mammoth Lakes. The community chose to include optional elements in order to stress important issues. The seven state-mandated elements are referenced at the bottom of Table 1.

Goal – A general statement that describes a desired future condition in the broadest terms. A goal is generally not quantifiable or time-dependent. Goals summarize how conservation, development and future growth should occur by identifying physical, economic and social outcomes that the community wishes to achieve. Goals are expressed as an end, not an action.

Policy – A specific statement that guides decision-making. Policies should be clear and unambiguous.

Adaptation Policy – A specific statement that guides adjustments to natural and human systems in response to actual or expected changes in climate conditions, to reduce the harmful effects of actual or expected changes.

Action – A procedure, program, or technique that implements policies. Actions carry out goals and policies. Actions are not cited for every goal or policy.

There are nine elements in the General Plan (See Table 1). Although the Housing, Noise, and Parks and Recreation Elements are not being updated at this time and are not included in this General Plan, some additional overlapping statements are included to maintain consistency and aid in completing future updates to the General Plan.



- P3. Create a Master Plan for an integrated trail system that will maintain and enhance convenient public access to public lands from town.
- P4. Provide and encourage a wide variety of outdoor and indoor recreation readily accessible to residents and visitors of all ages.
- P5. Link parks and open space with a well-designed year-round network of public corridors and trails within and surrounding Mammoth Lakes.

RESOURCE MANAGEMENT AND CONSERVATION

- R.1. Be stewards of habitat, wildlife, fisheries, forests and vegetation resources of significant biological, ecological, aesthetic and recreational value.
- R.2. Maintain a healthy regional natural ecosystem and provide stewardship for wetlands, wet meadows and riparian areas from development-related impacts.
- R.3. Preserve and enhance the exceptional natural, scenic and recreational value of Mammoth Creek.
- R.4. Conserve and enhance the quality and quantity of Mammoth Lakes’ water resources.
- R.5. Minimize erosion and sedimentation.
- R.6. Optimize efficient use of energy.
- R.7. Be a leader in use of green building technology.
- R.8. Increase use of renewable energy resources and encourage conservation of existing sources of energy.
- R.9. Reduce volume of solid waste.
- R.10. Protect health of community residents by assuring that the town of Mammoth Lakes remains in compliance with or improves compliance with air quality standards.
- R.11. Reduce greenhouse gas emissions.

PUBLIC HEALTH AND SAFETY

- S.1. Support high quality health care and child care for Mammoth Lakes’ residents and visitors.
- S.2. Keep Mammoth Lakes a safe place to live, work and play.
- S.3. Minimize loss of life, injury, property damage, and natural resource destruction from all public safety hazards.
- S.4. Maintain adequate emergency response capabilities.
- S.5. Collaborate and coordinate with Mammoth Lakes Fire Protection District (MLFPD) on fire planning, preparedness, and response.
- S.6. Promote community resilience through collaboration on the preparation of the Local Hazard Mitigation Plan and Community Wildfire Protection Plan.
- S.7. Expand coordination and resource sharing with the U.S. Forest Service, Cal Fire, and MLFPD.
- S.4.S.8. Increase the resiliency of residents, buildings and infrastructure, the natural environment, and Town economy to climate change hazards.
- S.5.S.9. Support high quality educational services and life-long learning resources within the community.
- S.6.S.10. Enhance quality of life by encouraging and supporting high quality facilities and services.

C3.D. Policy: Development shall provide pedestrian-oriented facilities, outdoor seating, plazas, weather protection, transit waiting areas and other streetscape improvements.

C3.D.1. Action: Prepare a streetscape design plan and manual that includes:

- comprehensive design standards for all road, trail, sidewalk and transit facilities
- lighting
- signage (way-finding and interpretive)
- related infrastructure
- landscaping and street trees

C3.D.2. Action: Prepare a townwide directional signage and way-finding plan.

C3.E. Policy: Ensure that landscaping, signage, public art, street enhancements and building design result in a more hospitable and attractive pedestrian environment. Require an even higher level of design quality and detail in commercial mixed use areas.

C3.F. Policy: Underground utilities within the community.

C3.F.1. Action: Develop an undergrounding plan for utilities.

Natural Environment

C4. GOAL: Be stewards of natural and scenic resources essential to community image and character.

C4.A. Policy: Development shall be designed to provide stewardship for significant features and natural resources of the site.

C4.A.1. Action: Develop criteria for evaluating lot line adjustments and subdivisions that

will protect and preserve environmental resources.

C4.A.2. Action: Maintain conservation overlays such as the Mammoth Creek Open Space Stream Corridor, Bluffs Special Conservation Planning Area and additional considerations for structures built at or above 8,250 feet elevation.

C4.B. Policy: To retain the forested character of the town, require use of native and compatible plant species in public and private developments and aggressive replanting with native trees.

C4.B.1. Action: Maintain a comprehensive landscape plant list of permitted native and compatible species and varieties.

C4.C. Policy: Retain overall image of a community in a forest by ensuring that native trees are protected wherever possible and remain an important component of the community.

C4.D. Policy: Promote a healthy forest character in the Town by requiring development to provide appropriate fire adapted plantings, while pursuing funding for fire mitigation and abatement activities in areas where wildfire threat affects the safety and character of the community. Retain the forested character of the town by requiring development to pursue aggressive replanting with native trees and other compatible species.

C4.E. Policy: Limited tree thinning, and upper-story limbing may be permitted where needed to maintain public safety and the health of the forest but not for the enhancement of views.

C4.E.1. Action: Adopt tree preservation and restoration standards.

PUBLIC HEALTH AND SAFETY

INTENT

The Town of Mammoth Lakes recognizes the potential impacts climate change can have on a community. In response, the Town initiated the Resilient Mammoth Lakes project, funded by a Caltrans funded SB 1 grant, which is a comprehensive review of how climate change and its related hazards may affect the Town in the coming years and decades. As part of the Resilient Mammoth Lakes project, and in response to SB 379 and SB 1241, the Town of Mammoth Lakes completed a climate change vulnerability assessment and comprehensive review of fire hazards within the Town. The vulnerability assessment was prepared to inform how the following exposures will affect sensitive assets in the community:

- Drought
- Extreme heat
- Flooding
- Forestry pests and diseases
- Human health hazards
- Landslides and mudflows
- Severe weather
- Severe winter weather
- Wildfire
- Smoke and ash

The Resilient Mammoth Lakes project identified strategies to ensure the people, buildings, economy, and natural environment will have the tools to prepare, respond, and recover from hazards exacerbated by climate change. The resulting strategies are identified as “adaptation policies” and “adaptation actions”, which will help increase the resiliency of the population, built environment, the economy, and natural environment within the Town.

The Public Health and Safety Element will increase resiliency to natural and manmade hazards to improve our quality of life and to encourage people to live and work in Mammoth Lakes. The community will be comfortable and safe. Facilities that are important to creating a livable, comfortable, and safe community will be supported, provided, and encouraged. Awareness of climate change hazards through public agency coordination, ~~coordinated~~ organized public information, and continuous education is a priority.

Public Health

S.1. GOAL: Support high quality health care and child care for Mammoth Lakes’ residents and visitors.

S.1.A. Policy: Encourage an adequate, affordable and diverse supply of infant and child care facilities and services.

S.1.A.1. Action: Work with Mono County Office of Education and other organizations to support and promote child care facilities and services.

S.1.B. Policy: Support adequate hospital, paramedic and other health facilities.

S.1.B.1. Action: Provide emergency operation centers.

S.1.C. Policy: Support school and agency programs on matters of public health.

S.1.D. Policy: Encourage development and expansion of senior services and facilities to serve the senior population.

S.1.E. Policy: Permit day care facilities in residential zones.

S.1.E.1. Action: Amend the Zoning Code to enable state-mandated incentives for child care facilities.

Public Safety

S.2. GOAL: Keep Mammoth Lakes a safe place to live, work and play.

S.2.A. Policy: Maintain safe and efficient municipal operations and services.

S.2.A.1. Action: Develop and maintain a Municipal Operation Plan that includes sites for storage and/or disposal of hazardous material, trash, propane, snow, and forestry products.

Police Enforcement

S.2.B. Policy: Ensure effective code enforcement and policing programs.

- S.2.C. Policy: Provide public safety facilities at multiple locations to facilitate prompt response times.
- S.2.D. Policy: Increase public access to police services.
 - S.2.D.1. Action: Use foot and bicycle patrols to increase community policing.
 - S.2.D.2. Action: Promote establishment and/ or expansion of neighborhood watch programs for residential areas.
 - S.2.D.3. Action: Continue enforcement of the California Motor Vehicle Code, local speed controls, and chain controls.
 - S.2.D.4. Action: Reduce criminal behavior in the community by involving the community and coordinating with other agencies.

Hazards

S.3. GOAL: Minimize loss of life, injury, property damage, and natural resource destruction from all public safety hazards.

Snow Management

- S.3.A. Policy: Design all structures in Mammoth Lakes to ~~withstand~~to withstand snow loads and to reduce any additional hazards created by snow accumulation.
- S.3.B. Policy: Design buildings so that snow shed, ice shed, and snowmelt are not a hazard to people and property.
- S.3.C. Policy: All developments shall provide and maintain adequate on-site snow storage or maintain a Town-approved snow-hauling and storage program.
- S.3.D. Policy: Maintain safe public access and circulation through comprehensive snow removal programs provided by the Town or by private entities.
- S.3.D.S.3.E. **Adaptation Policy**: Provide education and outreach to community members on

mobility options during winter weather conditions including strategies to shelter in place during extreme events.

S.3.E.1. **Adaptation Action**: Provide information to residents and visitors regarding safe and convenient transportation options including strategies to shelter in place during severe winter weather.

S.3.F. **Adaptation Policy**: Build on existing collaboration between the Town, Mammoth Mountain Ski Area, and Caltrans to ensure that snow management is more equitable and safer for the entire community.

S.3.F.1. **Adaptation Action**: Improve snow removal and storage systems, modeling after specific needs of residents. Look to community-based snow management systems already used by condominiums, town programs, and private snow storage.

S.3.F.2. **Adaptation Action**: Create equitable and affordable snow removal options for low-income and older residents.

S.3.F.3. **Adaptation Action**: Explore the establishment of local snow shoveling teams, and snow removal equipment lending programs that serve disadvantaged and vulnerable populations.

S.3.F.4. **Adaptation Action**: Explore funding opportunities to support local snow management efforts.

S.3.F.5. **Adaptation Action**: Create and implement a more effective snow removal and storage system to ensure benefits to all residents and visitors, including those populations with limited access to private snow removal equipment.

S.3.F.6. **Adaptation Action**: Ensure that vulnerable populations have access to appropriate mobility and transportation options during severe winter weather events.

S.3.F.7. **Adaptation Action:** Improve snow removal systems to clear walkways for pedestrian traffic.

S.3.D.1.S.3.F.8. **Adaptation Action:** Explore innovative snow management strategies including use of geothermal resources.

S.3.F.9. **Adaptation Action:** Explore strategies to enable snow-load retrofits to structures that do not meet current standards.

Avalanche

S.3.E.S.3.G. Policy: Development shall mitigate potential avalanche hazards.

S.3.F.S.3.H. Policy: Require an Avalanche Risk Assessment, as part of a use permit application, for all development proposed within the Snow Deposition Design Zone.

S.3.F.1.S.3.H.1. Action: The Town shall identify limits of avalanche run-out areas and potential avalanche hazard areas that may impact existing or new development.

S.3.G.S.3.I. Policy: Only open space or low-density seasonal occupancy uses may be permitted in high avalanche hazard zones, unless adequate mitigation is provided.

S.3.G.1.S.3.I.1. Action: Post warning signs on Town roads subject to avalanche hazards.

Geologic and Seismic

S.3.H.S.3.J. Policy: Restrict development in areas prone to geologic hazards (landslides, steep topography, slope instability, etc.), unless adequately mitigated, with steep slopes.

S.3.I.S.3.K. Policy: Require geotechnical evaluations and implement mitigation measures prior to development in areas of potential geologic or seismic hazards, consistent with State requirements.

S.3.I.1. Action: Minimize soil erosion and slope instability by amending Municipal Code to include advances in construction

techniques.

S.3.K.1. Action: Inform residents and businesses regarding earthquake preparedness and response by coordinating with other agencies to promote public education efforts.

S.3.J.S.3.L. Policy: Promote expanded building requirements for commercial and residential structures that maintain structural integrity after a geologic and/or seismic event.

Flood

S.3.M. Policy: Maintain a flood hazard management program that is adaptable to new and changing conditions.

S.3.M.1. **Adaptation Action:** Promote green infrastructure strategies that increase flood mitigation capacity within the Town by improving flood control, surface retention, and subsurface water storage.

S.3.M.2. **Adaptation Action:** Identify and prioritize key neighborhoods for stormwater capture and green infrastructure development.

S.3.M.3. **Adaptation Action:** Develop projects that restore existing flood controls and riparian corridors.

S.3.M.4. **Adaptation Action:** Support tourism and protect natural resources by expanding active outdoor opportunities in green infrastructure areas.

S.3.N. Policy: Restrict development in flood prone areas and near perimeter of natural or engineered water bodies, unless adequately mitigated.

S.3.O. Policy: Require onsite stormwater retainage on new developments/redevelopments.

S.3.O.1. Action: Update Town Standards to include recommendations from the Storm Water Management Plan.

S.3.O.2. Action: Require commercial developments with more than 4,000

square feet of impervious space to provide 20% additional capacity for stormwater retention.

S.3.O.3. Action: Industrial uses shall provide an Industrial Stormwater Permit or waiver prior to issuance of a use permit.

S.3.P. Policy: Upgrade and modify existing storm drains and size new storm drains to convey 120% of current design requirements.

S.3.Q. **Adaptation Policy:** Improve resiliency of wastewater systems through grey water and green infrastructure improvements.

S.3.Q.1. **Adaptation Action:** Encourage MCWD to Rehabilitate and maintain water and sewer systems as a preventative measure and to improve the system's resilience to flooding events.

S.3.Q.2. **Adaptation Action:** Work with partners to assess water system flow capacity and determine/ anticipate potential flooding risks/ damage and develop appropriate mitigation strategies, where feasible.

~~S.3.J.1.~~S.3.Q.3.**Adaptation Action:** Encourage rain and stormwater capture gardens and other green spaces.

~~S.3.J.2.~~S.3.Q.4.**Adaptation Action:** Assess and improve stormwater storage.

~~S.3.K. Fire Policy: All construction shall comply with wildland fire safe standards, including standards established for emergency access, signing and building numbering, private water supply reserves available for fire use, and vegetation modification.~~

~~S.3.L. Policy: Involve local fire department in the development review process.~~

~~S.3.M. Policy: Minimize the incidence of fires by supporting the Mammoth Lakes Fire Protection District's (MLFPD) ability to respond to emergencies.~~

~~S.3.M.1. Action: Assist in establishment and implementation of appropriate funding~~

~~sources so that the MLFPD is prepared to respond to and mitigate emergencies.~~

~~S.3.M.2. Action: Update Town specific policies that further protect people and property from the risks of wildland and structural fire hazards~~

Hazardous Materials

~~S.3.N.S.3.R. Policy: Provide for safe use and disposal of hazardous materials.~~

~~S.3.N.1.S.3.R.1. Action: Specify, develop and regulate sites for safe collection of hazardous wastes.~~

~~S.3.N.2.S.3.R.2. Action: Educate public about proper use and disposal of hazardous materials and waste through coordination with other public agencies.~~

~~S.3.N.3.S.3.R.3. Action: Effectively manage hazardous wastes by coordinating with regional and state agencies.~~

~~S.3.N.4.S.3.R.4. Action: Develop and implement a hazardous waste management and minimization program by coordinating with other public agencies and private stakeholders.~~

~~S.3.O.S.3.S. Policy: Require a Hazardous Materials Disclosure form from all development.~~

~~S.3.P.S.3.T. Policy: Maintain and implement the Spill Prevention, Control and Countermeasure Plan for the Mammoth Yosemite Airport.~~

Carbon Dioxide

~~S.3.Q.S.3.U. Policy: Support the Inyo National Forest's effort to minimize potential carbon dioxide hazards.~~

~~S.3.Q.1.S.3.U.1. Action: Collaborate with Inyo National Forest and United States Geological Survey (USGS) in developing public education efforts to inform residents and businesses regarding hazards of CO2 and high hazard areas.~~

Mineral Resource Management

S.3.R.S.3.V. Policy: All mineral resource development projects shall meet or exceed applicable environmental regulations through implementation of the Surface Mining and Reclamation Act and Town environmental permitting.

S.3.S.S.3.W. Policy: If geothermal power generating facilities are developed on National Forest lands west of State Scenic U.S. Highway 395, the Town shall work with the Mono County Local Agency Formation Commission to review the municipal boundary of the Town and shall annex development if appropriate.

Emergency Preparedness

S.4. GOAL: Maintain adequate emergency response capabilities.

S.4.A. Policy: Aid emergency vehicle access and emergency evacuation of all residents and visitors, including those with access and functional needs, by providing and maintaining secondary access routes to all portions of the community, consistent with the Mammoth Lakes Fire Protection District (MLFPD) requirements.

S.4.B. Policy: Maintain and periodically update an Emergency Management Plans.

S.4.C. Policy: Cooperate with emergency response agencies to maintain preparedness to respond to all types of emergencies.

S.4.C.1. Action: Update and implement emergency response and evacuation plans.

S.4.C.2. Action: Develop and utilize an emergency notification and information system.

S.4.D. Policy: Maintain mutual aid agreements with federal, State, and local other police, fire, and emergency service response agencies.

S.4.E. Policy: Establish community facilities that can be used as a designated cooling, heating, or smoke relief center during inclement weather episodes.

S.4.F. Adaptation Policy: Prepare a comprehensive Town emergency response plan that identifies or creates a central and safe refuge location for emergency situations. Improve evacuation routes for emergency situations to serve both local residents and visitors.

S.4.F.1. Adaptation Action: Encourage local and regional partnerships to create evacuation routes, shelter locations, and resiliency centers to provide safe refuge during emergencies.

S.4.F.2. Adaptation Action: Encourage residents on single-access roads to maintain emergency supplies to last at least three days.

S.4.F.3. Adaptation Action: Encourage local and regional partnerships to provide safe evacuation and shelter services that accommodate the needs of populations that are homeless and lack permanent shelter.

S.4.F.4. Adaptation Action: Plan transportation routes and transit systems that can support residents and visitors during evacuation situations.

S.4.F.5. Adaptation Action: Encourage the incorporation of backup powered emergency response systems into evacuation centers to provide off-grid electricity and communications services.

S.4.F.6. Adaptation Action: Encourage local and regional partnerships to create an alert system that can be used by local residents and visitors.

S.4.F.7. Adaptation Action: Analyze the potential to create and reinforce emergency nodes and routes of transportation, including new or alternative routes for single-access roadways.

S.4.G. Adaptation Policy: Work with local and regional partners to launch a coordinated preparedness education campaign to encourage community members to take action to improve resilience.

S.4.G.1. **Adaptation Action:** Develop a public outreach and education program for homeowners and residents to better prepare for wildfire mitigation and protection.

Fire

S.5. GOAL: Collaborate and coordinate with Mammoth Lakes Fire Protection District (MLFPD) on fire planning, preparedness, and response.

S.5.A. Policy: Involve local fire department in the development review process. Continue to facilitate MLFPD's participation in the development review process and coordinate on conditions of approval.

S.5.A.1. Action: Require all new development to comply with fire safety standards and requirements of the MLFPD and Town of Mammoth Lakes.

S.5.A.2. Action: Prepare wildfire mitigation landscape standards to address wildfire hazard within the Structure Ignition Zone.ⁱⁱ

S.5.A.3. Action: Review the Zoning Code to ensure compatibility with wildfire mitigation landscape standards and modify if necessary.

S.5.B. Policy: Minimize the incidence of fires and/or impacts of fires by supporting the MLFPD's ability to respond to emergencies.

S.5.B.1. Action: Assist in establishment and implementation of appropriate funding sources so that the MLFPD is prepared to respond to and mitigate emergencies.

S.5.B.2. Action: Update Town-specific policies that further protect people and property from the risks of wildland and structural fire hazards.

S.5.C. **Adaptation Policy:** Improve wildfire management coordination between the Town, the Great Basin Unified Air Pollution Control District, and U.S. Forest Service (USFS), to mitigate economic impacts of prescribed or

managed fires.

S.5.C.1. **Adaptation Action:** Improve fire management coordination between the Town and USFS by working to develop a prescribed and managed burning strategy that acknowledges the busy tourist season.

S.5.C.2. **Adaptation Action:** Encourage the USFS to consider community economic impact into the decision-making process.

S.6. GOAL: Promote community resilience through collaboration on the preparation of the Local Hazard Mitigation Plan and Community Wildfire Protection Plan.

S.6.A. Policy: Coordinate and participate with MLFPD on the preparation of a CWPP.

S.6.A.1. Action: Encourage MLFPD to align the Wildfire Hazard Assessment with future updates to CAL FIRE VHFHSZs.

S.6.B. Policy: Evaluate development proposals for wildfire risk reduction.

S.6.B.1. Action: Determine whether additional conditions of approval should be required by evaluating allowable land uses that may pose a wildfire hazard.

S.6.B.2. Action: Encourage wildfire mitigation best practices in future developments.

S.6.B.3. Action: Evaluate future land uses/development applications for their potential impacts on risk reduction, such as the location of golf courses, community parks, and other uses that are fire-adapted or incorporate significant areas of fuel modification.

S.6.B.4. **Adaptation Action:** Work with MLFPD to create a Land Inventory using GIS to identify fuel reduction status and points of contact.

S.6.C. Policy: Link land use planning activities to hazard plans.

S.6.C.1. Action: Work with MLFPD to facilitate implementation and ongoing updates of the CWPP.

S.6.C.2. Action: Work with partners to update the MJHMP, CWPP, and Safety Element periodically to incorporate the latest information and data and evaluate progress on actions.

S.6.C.3. Action: Identify potential post-fire recovery assistance needs, including hazardous tree and debris removal and other landowner recovery measures.

S.6.C.4. Action: Coordinate with other agencies to develop a Fire Hazards Response Plan for the urban-wildland interface.

S.6.D. Policy: Identify neighborhoods with limited access that may require secondary routes for first responders and the public during a fire event.

S.6.D.1. Action: Evaluate alternative emergency access routes in neighborhoods that have single ingress/egress.

S.6.D.2. Action: Develop an evacuation plan for high tourism seasons/events.

S.6.E. Policy: Consider wildfire risk as part of trails and open space planning activities.

S.6.E.1. Action: Work with local stakeholders to identify risks associated with trails and open space.

S.6.E.2. Action: Incorporate healthy forest management policies in the Open Space and Conservation Elements of the General Plan, including actions to integrate wildfire mitigation into trails and open space management practices.

S.6.F. Policy: Work with MLFPD to identify fuel treatments that will reduce wildfire threat to the

town.

S.6.F.1. Action: Coordinate with the Valentine Reserve, Camp High Sierra, and other partners to identify potential fuel mitigation projects that reduce wildfire risk and support grant funding applications for these projects.

S.6.F.2. Action: Consider updates to building and landscaping requirements and protocols that integrate Cal Fire and MLFPD regulations and procedures.

S.6.F.3. **Adaptation Action:** Encourage a drought tolerant and fire-resistant landscaping demonstration garden to encourage public participation in water conservation and fire preparedness efforts.

S.6.G. Policy: Increase funding for wildfire mitigation and protection.

S.6.G.1. Action: Pursue grant funding opportunities to support private property owner vegetation clearing and treatments.

S.6.G.2. **Adaptation Action:** Provide education and outreach for funding opportunities for residents and business owners.

S.6.G.3. **Adaptation Action:** Advocate for use of State grants on federal land through the Mammoth Lakes Fire Safe Council.

S.6.H. Policy: Ensure construction methods for new development reduce susceptibility to wildfire risk.

S.6.H.1. Action: Research funding sources to implement a program to support wildfire mitigation retrofits for residential and commercial development.

S.6.H.2. Action: Review and align Town Design Guidelines with wildfire construction standards adopted by the Town and MLFPD.

S.6.H.3. Action: Analyze the relationship between wildfire risk and proximity to steep slopes and establish minimum slope setbacks for new construction areas as necessary.

S.6.I. **Adaptation Policy:** Incentivize fire-proofing of buildings and homes through increasing education, awareness, and retrofit funding opportunities.

S.6.I.1. **Adaptation Action:** Work with partners to provide education and outreach to private property owners to increase or improve defensible space, in addition to increases in individual preparedness and prevention measures.

S.6.J. Policy: Review and mitigate critical infrastructure for wildfire vulnerabilities.

S.6.J.1. Action: Periodically update the Town's critical infrastructure inventory to determine changes to vulnerability from wildfire.

S.6.J.2. Action: Coordinate with MLFPD to conduct parcel level assessments of critical infrastructure and provide mitigation recommendations.

S.6.J.3. Action: Develop mitigation requirements for future critical infrastructure and facilities.

S.6.K. Policy: ~~Policy:~~ Support provision of adequate water flow throughout the town and provision of adequate water storage to meet peak fire demand during times of peak domestic demands.

S.7. GOAL: Expand coordination and resource sharing with the U.S. Forest Service, Cal Fire, and Mammoth Lakes Fire Protection District.

S.7.A. Policy: Collaborate with local, State, and federal fire protection and land management agencies to advance wildfire mitigation and safety.

S.7.A.1. Action: Participate and support Fire Safe Council meetings, activities, and safety

strategy.

S.7.A.2. Action: Continue to work with MLFPD to communicate on wildfire and planning topics.

S.7.A.3. Action: Continue to work with U.S. Forest Service and other federal land managers on fuel mitigation opportunities that benefit ecological goals and achieve wildfire risk reduction.

S.7.A.4. Action: Continue to work with CAL FIRE to coordinate mitigation activities and responsibilities.

S.7.B. Policy: Work with partners to promote integrated policies that consider water and air quality impacts associated with wildfire hazards and mitigation efforts.

S.7.B.1. Action: Ensure that wildfire risk areas in close proximity to water sources and waterways are prioritized for fuels treatment and mitigation.

S.7.B.2. Action: Work with partners to Pursue grant funding sources focused on water quality and air quality as part of the community's wildfire strategy.

S.7.C. Policy: Develop a wildfire smoke hazard mitigation program smoke management initiative with local and federal partners that addresses residents, visitors, and vulnerable communities.

S.7.C.1. Action: Facilitate educational and relationship-building events that bridge public concerns on smoke with land management policies to improve understanding and communication between federal land managers, local residents, and businesses.

S.7.C.2. Action: Work with partners to pursue grant funding to stockpile N95 masks, air purifiers, and water, and develop a protocol and procedures for the distribution and use of these masks to

residents and businesses, when necessary.

S.7.C.3. Adaptation Action: Establish public outreach and education programs to inform residents, businesses, and visitors of air quality alerts.

S.7.C.4. Adaptation Action: Create or improve access to weatherization programs and other home fortification resources.

S.7.C.5. Adaptation Action: Work with partners to establish smoke relief centers that are accessible to populations that are homeless and lack permanent shelter.

Climate Change Adaptation and Resiliency

S.8. Adaptation GOAL: Increase the resiliency of residents, buildings and infrastructure, the natural environment, and Town economy to climate change hazards.

Human Resiliency

S.8.A. Adaptation Policy: Continue to work with the Mammoth Lakes Mosquito Abatement District to reduce the presence of mosquitos in the Town.

S.8.A.1. Adaptation Action: Expand the Mammoth Lakes Mosquito Abatement District to include all areas within the Town boundary.

S.8.B. Adaptation Policy: Continue to improve transportation network and mobility options to help people who walk or who use two-wheel-drive vehicles to travel.

S.8.B.1. Adaptation Action: Create reliable, year-round transportation systems and explore alternative transit options for extreme weather events such as heavy or wet snow, including centralized parking lots to increase transit ridership.

S.8.B.2. Adaptation Action: Implement comprehensive snow removal practices

that benefit both motorized vehicle users and pedestrians, and those with limited access to private snow removal equipment.

S.8.C. transportation routes Adaptation Policy: Encourage Mono County and local health advocates to create partnerships and programs to reduce food disparity and increase food security and equity.

S.8.C.1. Adaptation Action: Assess food security, food transportation routes, and vital services to strengthen and diversify local and regional food systems.

S.8.C.2. Adaptation Action: Work with local grocery stores, Mono County, and local health advocates to create a community food storage system.

S.8.C.3. Adaptation Action: Coordinate with local food banks and homeless organizations to increase food security and storage systems.

S.8.C.4. Adaptation Action: Collaborate with Mono County and local health advocates to establish emergency food storage system.

S.8.C.5. Adaptation Action: Create a more robust local food system by expanding year-round local agriculture to include indoor or greenhouse locations.

Built Environment Resiliency

S.8.D. Adaptation Policy: Work with Mammoth Community Water District to increase resiliency of water systems for the Town and residents.

S.8.D.1. Adaptation Action: Collaborate with MCWD to improve and protect existing wells and water resources.

S.8.D.2. Adaptation Action: Support MCWD in the continuation of current drought policy and water restrictions with hourly water

metering as available.

S.8.D.3. Adaptation Action: Encourage Mammoth Community Water District (MCWD) to add water wells to increase water supply reliability during drought years.

S.8.E. Adaptation Policy: Increase resilience of the energy supply and distribution system to improve grid reliability and energy independence through coordinated efforts with South California Edison (SCE)

S.8.E.1. Adaptation Action: Encourage the creation of a powered emergency response center (PERC).ⁱⁱⁱ

S.8.E.2. Adaptation Action: Encourage continued undergrounding of electrical lines and explore other ways to improve infrastructure to better resist impacts associated with wildfire.

S.8.F. Adaptation Policy: Encourage SCE to explore feasibility of supply side diversification, resilient electrical distribution infrastructure, and facilitate access to local, decentralized renewable energy.

S.8.F.1. Adaptation Action: Explore feasible local renewable energy options, including solar, wind, geothermal, and biomass, at a scale that fits -the community and local ecology.

S.8.F.2. Adaptation Action: Support biomass-to-energy facilities and systems locally and regionally that are scaled appropriately for the community and local ecology.

S.8.G. Adaptation Policy: Reduce energy system reliance on fossil fuels through demand side reductions, increasing energy efficiency, and renewable energy procurement.

S.8.G.1. Adaptation Action: Increase energy efficiency, renewable energy, and encourage incorporation of electrical

battery storage.

S.8.G.2. Adaptation Action: Create policies that encourage solar and other renewable energy generation (i.e. reducing permit fees, streamlining permitting process, etc.)

Economic Resiliency

S.8.H. Adaptation Policy: Support sustainable and feasible forest thinning byproduct economies and markets to create a revenue stream for mechanical treatments required to meet wildfire mitigation and protection needs.

S.8.H.1. Adaptation Action: Seek wood product innovation grants and financing mechanisms to build a market for biomass thinning.

S.8.H.2. Adaptation Action: Explore the feasibility of a biomass supply chain from fuel management plans, in order to expand biomass renewable energy.

S.8.H.3. Adaptation Action: Explore feasibility of establishing biomass renewable energy in Mammoth Lakes.

S.8.I. Adaptation Policy: Continue to fund Reserve for Economic Uncertainty (REU).

S.8.I.1. Adaptation Action: Use funding to maintain critical services during and after an emergency or disaster.

S.8.J. Adaptation Policy: Expand workforce preparedness training to include programs for restoring Town services after a major disaster or emergency.

S.8.J.1. Adaptation Action: Explore potential partnerships to expand workforce trainings to include emergency preparedness.

S.8.K. Adaptation Policy: Work with local partners to Ssupport business resiliency through

preparedness education, trainings, and resources.

S.8.K.1. Adaptation Action: Increase access to emergency preparedness and mitigation resources specifically for businesses.

S.8.K.2. Adaptation Action: Support the business community in increasing their resiliency and ability to reopen after disaster occurs.

S.8.K.3. Adaptation Action: Support efforts to expand business resiliency trainings, data backup plans, and other resources specific to business owners.

S.8.L. Adaptation Policy: Diversify jobs and the economy in Mammoth Lakes to reduce dependence on snow and the winter recreation economy.

S.8.L.1. Adaptation Action: Encourage education partners to increase Science, Technology, Engineering, Art/Design, and Math (STEAM) programs, training, and employment.

S.8.L.2. Adaptation Action: Facilitate the improvement of broadband connectivity to spur job growth and economic development.

S.8.L.3. Adaptation Action: Encourage Mammoth Mountain Ski Area to support additional recreational activities that are less dependent on snowpack levels.

Natural Environment Resiliency

S.8.M. Adaptation Policy: Increase the groundwater recharge potential within the Town boundaries and surrounding areas.

S.8.N. Adaptation Policy: Work with MCWD to provide education and increase awareness around water conservation and protection.

S.8.N.1. Adaptation Action: Continue to encourage water-recycling programs.

S.8.N.2. Adaptation Action: Foster partnerships with the fishing and water recreation community to encourage water conservation and habitat protection.

S.8.O. Adaptation Policy: Encourage the creation of wildlife corridors and migration paths (i.e. overpass & underpass) to accommodate migration patterns of animals and plants.

S.8.O.1. Adaptation Action: Create areas that provide wildlife corridors and habitat to accommodate animal migration patterns.

S.8.P. Adaptation Policy: Identify benefits of ecosystem services^{iv} and improve public education and outreach to protect and conserve local and regional habitat.

S.8.P.1. Adaptation Action: Support projects focused on minimizing the impact of summer recreation on critical habitat.

S.8.P.2. Adaptation Action: Work with partners to improve education surrounding the migration of new plant and animal species to the area including the effects of tourism and recreation on the natural environment.

S.4-E.S.8.Q. Adaptation Policy: Support local partners to conserve and expand healthy conifer cover in forested areas to protect ecosystem services including carbon sequestration, soil retention, and water supply.

Education

S.5-S.9. GOAL: Support high quality educational services and life-long learning resources within the community.

S.5-A.S.9.A. Policy: Encourage development and enhancement of school sites and other administrative, educational and recreational facilities.

S.5-A.1.S.9.A.1. Action: Maximize use of

educational facilities by creating broader partnerships and adopting joint-use agreements.

S.5.B.S.9.B. Policy: Support expansion of _____ educational opportunities within the community.

Public Facilities and Services

S.6.S.10. GOAL: Enhance quality of life by encouraging and supporting high quality facilities and services.

S.6.A.S.10.A. Policy: Establish Level of Service standards for facilities, operations and services and resource management.

S.10.A.1. Action: Annually review and update the Town of Mammoth Lakes Master Facilities Plan, Capital Improvement Plan and the Development Impact Fee Schedule.

S.10.B. Adaptation Policy: Build partnerships between public, private, and nonprofit sectors to provide critical services to vulnerable populations and foster community connections.

S.10.B.1. Adaptation Action: Use State incentives and programs for weatherizing support.

S.10.C. Adaptation Policy: Coordinate with California Public Utilities Commission (CPUC), telecommunication, and internet service providers to improve resilience and redundancy of telecommunication and broadband infrastructure.

S.10.C.1. Adaptation Action: Work with CPUC, telecommunication, and internet service providers to modernize and strengthen radio and broadband systems, and reinforce barriers to protect vulnerable infrastructure, and open up access for emergency use.

S.10.D. Adaptation Policy: Create redundancy in communication systems

S.10.D.1. Adaptation Action: Capitalize on Digital 395 infrastructure to enhance communication capabilities and redundancies.

S.10.D.2. Adaptation Action: Improve and expand channels of communication between the Town, emergency service providers and the community.

S.10.E. Adaptation Policy: Work with regional partners to identify a technology backup power system and energy resource center to provide alternative telecommunication services.

S.10.E.1. Adaptation Action: Designate community buildings for additional backup services, connections, and power.

~~S.3.J. Policy:~~ Minimize the incidence of fires by supporting the Mammoth Lakes Fire Protection District's (MLFPD) ability to respond to emergencies.

~~S3J1. Action:~~ Assist in establishment and implementation of appropriate funding sources so that the MLFPD is prepared to respond to and mitigate emergencies.

~~S3J2. Action:~~ Update Town specific policies that further protect people and property from the risks of wildland and structural fire hazards.

~~S.3.K.S.3.J. Policy:~~ Support provision of adequate water flow throughout the town and provision of adequate water storage to meet peak fire demand during times of peak domestic demands.

~~S.3.L. Policy:~~ Support creation and maintenance of firebreaks in coordination with Inyo National Forest and other land management agencies.

ⁱ Green Infrastructure: Green infrastructure is an approach to water management that protects, restores, or mimics the natural water cycle. (American Rivers 2017)

ⁱⁱ Structure Ignition Zone: The area within zero to ten feet of a structure that is crucial for wildland fire survival.

ⁱⁱⁱ Powered Emergency Response Center (PERC): An emergency response center that is powered by a microgrid or alternative sustainable form on energy.

^{iv} Ecosystem Services: The important benefits for human beings that arise from healthy and functioning ecosystems, including production of oxygen, water filtration, and recreational opportunities.

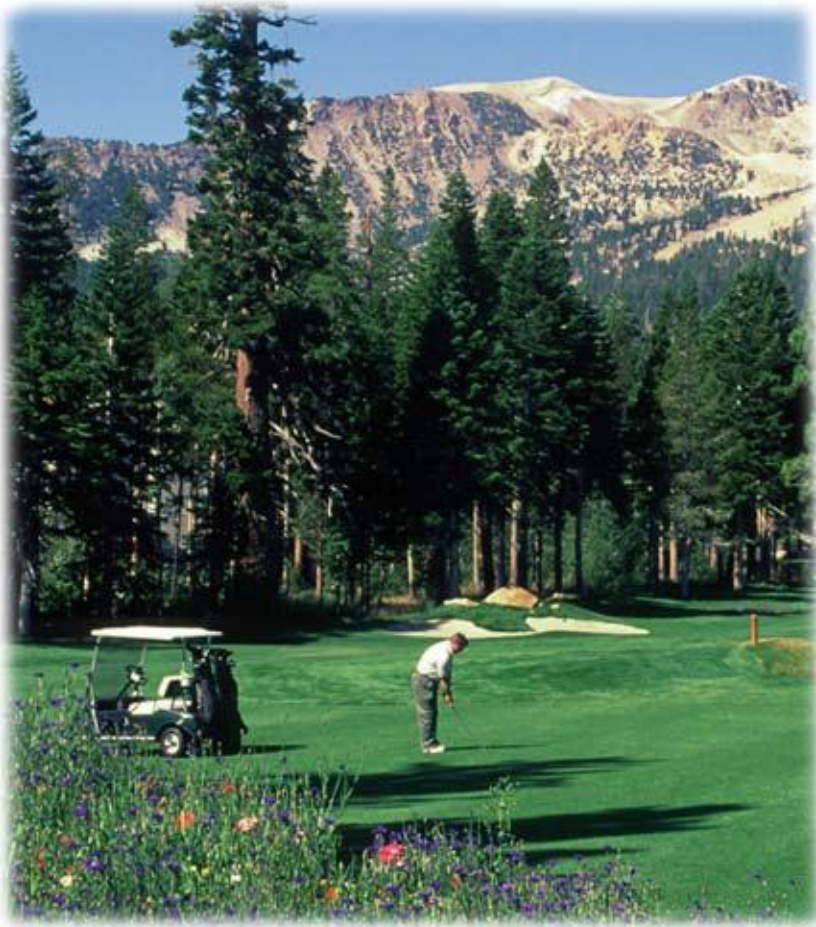


APPENDIX A: ACTION TABLE

GENERAL PLAN IMPLEMENTATION PROGRAM*

The General Plan Implementation Program (GPIP) is a description of the actions listed in the General Plan by Element. The GPIP table describes the action, the Town department responsible for leading the effort to implement key participating departments or agencies and the general time frame to begin and complete the effort.

Extensive collaboration and direct partnership with the broad array of public and private entities in our region will be required to implement these actions. The major participants are listed below (abbreviations are used within the table).



Abbreviations of Organizations

APCD	-	Great Basin Unified Air Pollution Control District
BLM	-	Bureau of Land Management
Caltrans	-	California Department of Transportation
<u>CWPP</u>	-	<u>Community Wildfire Protection Plan</u>
DSG	-	Development Services Group (CDD, PWD, MCWD, MLFPD)
HCCG	-	Hospital & Civic Center Group Inyo National Forest Mono County Mono County Superior Courts Southern Mono Hospital District Town of Mammoth Lakes
HSEF	-	High Sierra Energy Foundation
IC	-	Inyo County
INF	-	Inyo National Forest
KCCD	-	Kern Community College District
LWQCB	-	Lahontan Regional California Regional Water Quality Control Board
MCWD	-	Mammoth Community Water District
<u>MJHMP</u>	-	<u>Multi-Jurisdictional Hazard Mitigation Plan</u>
MLFPD	-	Mammoth Lakes Fire Protection District
MLF	-	Mammoth Lakes Foundation
MLH	-	Mammoth Lakes Housing, Inc.
MMSA	-	Mammoth Mountain Ski Area
MLTPA	-	Mammoth Lakes Trails and Public Access Foundation
MUSD	-	Mammoth Unified School District
MC	-	Mono County
MCS	-	Mono County Schools
<u>PERC</u>	-	<u>Powered Emergency Response Center</u>
SCE	-	Southern California Edison
SMHD	-	Southern Mono Hospital District
SNARL	-	Sierra Nevada Aquatic Research Laboratory
VESR	-	UCSB, Valentine Eastern Sierra Reserve
<u>USFS</u>	-	<u>United States Forest Service</u>
TML	-	Town of Mammoth Lakes
	-	AD - Administration Department
	-	ATD - Airport and Transportation Department
	-	CDD - Community Development Department
	-	FD - Finance Department
	-	PS - Public Safety
	-	PWD - Public Works Department
	-	TRD - Tourism and Recreation Department

*Please note there are no actions included within the Neighborhood and District



**Town of Mammoth Lakes
Community Development Dept.**
Main Phone: 760-934-8989 • Fax: 760-934-8608
Location: 437 Old Mammoth Rd.
(Minaret Shopping Center) Mammoth Lakes, CA, 93546
Mailing Address: PO Box 1609, Mammoth Lakes, CA, 93546
www.townofmammothlakes.com