



# VIII. Public Health and Safety

## Issues, Goals, Policies, and Implementation Measures

### Existing General Plan

Goals	Questions/Recommendations	Input
1. To reduce risks associated with natural and man-made hazards through compliance with State and Federal safety programs.		
2. To reduce the risks associated with wildland and urban edge fires in the Town's rural areas.	Add goal related to climate adaptation and resilience.	
3. To reduce the potential for and damage resulting from storm flooding hazards within the community.	Add goal related to climate adaptation and resilience.	
4. To reduce the risks associated with potential seismic activity, including groundshaking, liquefaction, and landslides.	Landslides are not a hazard in Loomis. Consider “geologic or seismic instability” rather than groundshaking, liquefaction, and landslides.	

### Fire

Policies	Questions/Recommendations	Input
1. Loomis shall enforce building codes and other Town ordinances having an effect upon fire hazards and fire protection. The Town shall maintain adequate street widths and turning radii to accommodate fire protection equipment. New development shall ensure adequate water pressure and volume for fire fighting.	Express as policy, leave to codes/ordinances to implement	
12. Application materials for residential subdivisions proposed within or near oak woodlands shall include Wildland fire protection plans showing how vegetation clearance will be maintained around structures while preserving oak trees.	Include reference to fire hazard severity zones? Fuel breaks in collaboration with other agencies?	

### Emergency Response and Evacuation

Policies	Questions/Recommendations	Input
3. Loomis shall comply with Placer County's Emergency Response Plan, as well as revise the Town Emergency Plan to address Town-specific issues.	Incorporate the Local Hazard Mitigation Plan by reference and include updates related to climate change in the 2021 update	



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<p>10. Loomis shall continue to train and equip Town personnel to cope with emergency disaster situations, including hazardous material incidents.</p>		
<p>11. A Street Address Ordinance shall be adopted to assist effective emergency response by requiring adequate street address identification.</p>	<p>Delete: This is covered now by the 2019 California Fire Code with South Placer Fire District Amendments, adopted by Loomis Council October 2020.</p>	

Flooding

Policies	Questions/Recommendations	Input
<p>4. No new structures or additions to existing structures shall be permitted in areas identified by the federal Flood Insurance Rate Maps (FIRMs) or the Town Engineer as being subject to inundation in a 100-year or more frequent flood event. Exceptions may be granted for public facilities and utilities. New development shall also be prohibited in the future 100-year flood zone, based on buildout conditions as determined by FEMA and FIRM maps. Development will be required to adhere to Placer County Flood Control District policies and the Dry Creek Watershed Control Plan.</p>	<p>Revise to brief statement of policy on structures and flooding with details in implementation?                      Require new development to show it will not increase flooding on other properties?                      Special consideration for locating essential facilities?                      Policy and updates as the climate changes?</p>	
<p>6. Further channelization and/or banking of creeks or streams within the planning area shall be discouraged, unless no other alternative is available to minimize flood risk. Setbacks from flood sources shall be the preferred method of avoiding impacts.</p>	<p>Strengthen?</p>	
<p>7. Site-specific recommendations of the Town's Drainage Master Plan, upon completion, shall be applied to individual development projects as appropriate.</p>		

Geologic Hazards

Policies	Questions/Recommendations	Input
<p>2. Engineering analysis of new development proposals shall be required in areas with possible soil instability, flooding, earthquake faults, or other hazards, and prohibit development in high danger areas.</p>		
<p>5. New development near stream channels shall be designed so that reduced stream capacity, stream bank erosion, or adverse impacts on habitat values are avoided.</p>	<p>Limit grading during the rainy season or require special measures?                      Limit development of areas with greater slopes?</p>	



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8. Loomis shall cooperate with Federal, State, and local authorities to ensure that loss due to seismic activity and other natural and man-made disasters is minimized.		
9. Loomis shall encourage compliance with State requirements for unreinforced masonry buildings and seismic safety.	Applicability to major remodels or additions?	

Hazardous Materials

Policies	Questions/Recommendations	Input
13. Town policies concerning the use, storage and transportation of hazardous materials, and regarding underground or above ground storage tanks, should reflect the Placer County Environmental Health Division and the State Regional Water Quality Control Board policies and requirements.	Include also RWQCB policies	
<p>14. As individual developments are proposed, the Environmental Health specialist responsible for the project will review lists of hazardous materials provided by the applicant as part of the project description to determine consistency with the State Health and Safety Code. A site visit may be necessary to determine compatibility to surrounding areas. Whether the hazardous material impacts of a project are significant shall be decided on a case-by-case basis and depends on:</p> <ul style="list-style-type: none"> <li>•Individual or cumulative physical hazard of material or materials.</li> <li>•Amounts of materials onsite, either in use or storage.</li> <li>•Proximity of hazardous materials to populated areas and compatibility of materials with neighboring facilities.</li> <li>•Federal, State, and local laws, and ordinances, governing storage and use of hazardous materials.                             <ul style="list-style-type: none"> <li>•Potential for spill or release.</li> </ul> </li> <li>•Proximity of hazardous materials to receiving waters or other significant environmental resource.</li> </ul>	Update and move to implementation	
15. The storage, handling and disposal of potentially hazardous waste must be in conformance with the requirements set forth in California Administrative Code, Title 22, Division 4, Ch. 30, and California Health and Safety Code, Division 20, Chapter 6.5.		

Noise

Goals	Questions/Recommendations	Input
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<p>1. To protect Town residents and workers from the harmful and annoying effects of noise.</p>		
<p>2. To mitigate the effects of noise created by roadway traffic and non-residential land uses while discouraging the construction of sound walls.</p>		
<p>3. To maintain and where possible enhance the quiet, rural ambiance of the Town.</p>		
<p>4. To minimize the noise effect of railroad operations on residential uses and other sensitive land uses.</p>		
<p style="text-align: center;"><b>Policies</b></p>	<p style="text-align: center;"><b>Questions/Recommendations</b></p>	<p style="text-align: center;"><b>Input</b></p>
<p style="text-align: center;">Maximum (24-hour) Allowable Noise Exposure (Outdoor/Indoor):</p> <p>Residential: 65/45                  Lodging: 65/45                  Hospitals/Nursing Homes: 65/45                  Theaters/Auditoriums/Music Halls: --/35                  Places of Worship/Meeting Halls: 65/40                  Offices: --/45                  Schools/Libraries/Museums: --/45                  Playgrounds/Neighborhood Parks: 70/--</p>	<p style="text-align: center;">Relax in downtown area to promote economic development?</p>	
<p style="text-align: center;">Noise Standards for Short Duration Events Near Residential Areas:</p> <p>30 to 60 minutes: 50 day/evening, 40 nighttime                  15 to 30 minutes: 55 day/evening, 45 nighttime                  5 to 15 minutes: 60 day/evening, 50 nighttime                  1 to 5 minutes: 65 day/evening, 55 nighttime                  Less than 1 minute: 70 day/evening, 60 nighttime</p>	<p style="text-align: center;">Relax in downtown area to promote economic development?</p>	
<p>1. New commercial and industrial development in the Town shall be sited and designed to minimize the potential for harmful or annoying noise to create conflict with existing land uses.</p>	<p style="text-align: center;">Consider policy for acceptable levels of vibration?</p>	
<p>2. Loomis shall encourage the mitigation of noise impacts in all new developments as necessary to maintain the quiet, rural ambiance of the Town.</p>		



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<p>3. An acoustical analysis shall be required for new residential structures located within the . projected noise contour of 65 dBA Ldn, showing that the structures have been designed to limit intruding noise in interior rooms to an annual level of 45 dBA Ldn.</p>		
<p>4. Individual noise exposure analysis shall be required for proposed development projects as part of the environmental review process, to ensure that the Town's noise standards are met. The use of mitigation measures (noise buffers, sound insulation) may be required to reduce noise impacts to acceptable levels.</p>		
<p>5. Loomis shall discourage the construction of sound walls to mitigate noise impacts, unless it is the only feasible alternative. New sensitive noise receptors shall not be permitted if the only feasible mitigation for noise impacts is a sound wall.</p>		
<p>6. Where noise mitigation is necessary, the following order of preference among options shall be considered: distance from the noise source; muffling of the noise source; design and orientation of the receptor; landscaped berms; landscaped berms in combination with walls.</p>		
<p>7. Use the land use/noise compatibility matrix shown on Figure 8-4 to determine the appropriate ness of land uses relative to roadway noise.</p>		
<p>8. Work with Caltrans to install mitigation elements along freeways and highways adjacent to existing residential subdivisions or noise-sensitive uses to reduce noise impacts.</p>		
<p>9. Provide for alternative transportation modes such as bicycle paths and pedestrian walkways to minimize the number of automobile trips.</p>		
<p>10. Require that new equipment and vehicles purchased by the Town comply with noise performance standards consistent with the best available noise reduction technology.</p>		
<p>11. Work with public transit agencies to ensure that the buses, vans, and other vehicles used do not generate excessive noise levels.</p>		



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<p>12. Consider the use of rubberized asphalt paving material for future road paving and re-paving. Studies have indicated that such paving material can result in a 3 to 5 dBA reduction in noise.</p>		
<p>13. Consider the use of traffic calming devices to reduce traffic noise in residential areas, when supported by the residential community in question.</p>		
<p>14. Work with the Union Pacific Railroad to properly maintain lines and establish operational restrictions during the early morning and late evening hours to reduce impacts in residential areas and other noise sensitive areas.</p>	<p>Add reference to pursuing a quiet zone in a brief policy and then through a new implementation program with UPRR?</p>	
<p>15. Require that automobile and truck access to industrial and commercial properties adjacent to residential areas be located at the maximum practical distance from the residential area.</p>		
<p>16. Require that when no other feasible location for industrial or commercial use parking exists other than adjacent to residential uses, the parking shall be buffered from the residential uses by barriers.</p>		
<p>17. Limit the use of leafblowers, motorized lawn mowers, parking lot sweepers, or other high-noise equipment on commercial properties if their activity will result in noise which adversely affects residential areas.</p>		
<p>18. Require that the hours of truck deliveries to industrial and commercial properties adjacent to residential uses be limited to daytime hours unless there is no feasible alternative or there are overriding transportation benefits by scheduling deliveries at night.</p>		
<p>19. Require that construction activities adjacent to residential units be limited as necessary to prevent adverse noise impacts.</p>	<p>Add reference to limiting hours, equipment selection, attenuation barriers?</p>	
<p>20. Future industrial or commercial development in areas determined to be near noise-sensitive land uses shall be subject to an acoustical analysis to determine the potential for stationary source noise impacts to neighboring land uses.</p>		