

# LOOMIS GENERAL PLAN UPDATE

PUBLIC HEALTH, SAFETY & NOISE COMMITTEE

MEETING #3

MAY 19<sup>TH</sup>, 2021



# AGENDA

- » **Review of Process**
- » **Goals for Today**
- » **Proposed Revisions**
- » **Next steps**

# RECAP OF PROCESS TO DATE



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# TODAY'S GOALS

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- » **Present more specific detail on revisions**
- » **Identify any gaps not yet addressed**
- » **Come to consensus**



# PROPOSED REVISIONS TO GOALS, OBJECTIVES, POLICIES, AND IMPLEMENTATION MEASURES



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# KEY CONSIDERATIONS

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- » **State legislation and requirements for this Element**
- » **General review to bring the Element into current day**
- » **Topics of key concern raised**
- » **Introduce Objectives**
- » **Reorganization**



# REVISED SAFETY GOALS

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**PHS-1.** Reduce the risk of adverse effects associated with potential geologic or seismic instability. ~~activity, including groundshaking, liquefaction, and landslides.~~

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**PHS-2.** Reduce the risks associated with wildland and urban edge fires in the Town's rural areas.

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**PHS-3.** Reduce the potential for, and damage resulting from, storm flooding hazards.

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**PHS-4.** Improve resiliency to potential climate change effects related to fire and flood hazards.

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**PHS-5.** Reduce the risks associated with releases of hazardous materials.

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**PHS-6.** Prepare for and respond effectively to emergency situations.

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~~Reduce risks associated with natural and man-made hazards through compliance with State and Federal safety programs.~~



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## **Geologic and Seismic Hazards**

**Goal PHS-1.** REDUCE THE RISKS OF ADVERSE EFFECTS ASSOCIATED WITH GEOLOGIC OR SEISMIC INSTABILITY.

**OBJECTIVE PHS-1.1: AVOID RISKS TO LIFE AND PROPERTY THROUGH APPROPRIATE SITE DESIGN AND COMPLIANCE WITH LOCAL, STATE, AND FEDERAL SEISMIC AND GEOLOGIC SAFETY PROGRAMS.**

Policy and Implementation Measure revisions to:

- Improve clarity and direction for action
- Emphasize support of existing federal, state, and regional programs and regulations that address geologic and seismic hazards.
- Address grading requirements related to seasonality and site slope.
- Shall we continue to include focus on unreinforced public masonry buildings?





# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Geologic and Seismic Hazards

**Policy PHS-1.1.1: Support efforts by federal, State, and local jurisdictions to investigate local seismic and geologic hazards and support those programs that effectively mitigate these hazards.**

**Policy PHS-1.1.2:** Continue to enforce the Uniform Building Code and California Building Standards Code to ensure that new structures meet all applicable seismic standards.

**Policy PHS-1.1.3: Require** an engineering analysis of new development proposals shall be required in areas with possible soil instability, flooding, ~~earthquake faults,~~ or other seismic hazards, and prohibit development in high danger areas., **and require new development to include project features that minimize these risks.**

**Policy PHS-1.1.4: Continue to require a grading permit in situations where the amount of grading exceeds 50 cubic yards, would occur within a riparian area, or would involve clearing more than 1 acre of land.**

**Policy PHS-1.1.5: Discourage grading activities during the rainy season, unless adequately mitigated, to avoid erosion, drainage to riparian areas, and sedimentation of creeks.**

**Policy PHS-1.1.6: Limit development in areas with slopes that exceed 30 percent.**

**Policy PHS-1.1.7:** Encourage compliance with State requirements for unreinforced masonry buildings and seismic safety **in coordination with proposed major remodeling or additions.**



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Geologic and Seismic Hazards

- **Implementation Measure PHS-1.1.1.7.1: Identify and inventory the Town's unreinforced public masonry buildings.**

**The Town will implement a program of retrofitting existing unreinforced public masonry buildings, as funding allows. The program shall include:**

- **Requirements for upgrading unreinforced public masonry buildings.**
- **Incorporation of concepts and provisions of the State Code for historic buildings, to provide additional flexibility for preservation of historic buildings while protecting them from significant earthquake damage.**
- ~~A time schedule for enforcement with all upgrading completed during that time.~~
- ~~Signs shall be posted and maintained on unreinforced masonry buildings to warn residents of the potential hazard.~~

**Consider appropriate means of economic relief for commercial buildings that are constructed of unreinforced masonry shall also be considered, such as: preservation of non-conforming zoning rights for in-kind replacement of commercial buildings, and community redevelopment programs for the coordinated upgrading of seismic, economic, and general design characteristics of affected commercial areas.**



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## **Wildland and Urban Edge Fires**

**Goal PHS-2.** REDUCE THE RISKS ASSOCIATED WITH WILDLAND AND URBAN EDGE FIRES IN THE TOWN'S RURAL AREAS.

**OBJECTIVE PHS-2.1: MINIMIZE THE POTENTIAL FOR PROPERTY DAMAGE AND LOSS OF LIFE FROM WILDLAND AND URBAN EDGE FIRES.**

Policy and Implementation Measure revisions to:

- Improve clarity and direction for action
- Reduce redundancy with existing fire code requirements.
- Updating to address Moderate and High Fire Hazard Severity Zones



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Wildland and Urban Edge Fires

**Policy PHS-2.1.1:** Enforce building codes and other Town ordinances **related to** fire hazards and fire protection. Maintain adequate street widths and turning radii to accommodate fire protection equipment. ~~New development shall ensure adequate water pressure and volume for fire fighting.~~

**Policy PHS-2.1.2:** Require that new residential subdivisions provide for adequate water supply and pressure, fire hydrants, and appropriate access to structures by fire fighting equipment and personnel.

**Policy PHS-2.1.3:** Review new projects for compliance with the Fire Code as part of the building permit process.

**Policy PHS-2.1.4:** Cooperate with the South Placer Fire District to reduce fire hazards, assist in fire suppression, and ensure efficient emergency medical response.

**Policy PHS-2.1.5:** Work with the South Placer Fire District to develop fire prevention programs, including those that increase awareness of home fire prevention measures.

**Policy PHS-2.1.6:** Require new projects in Moderate and High Fire Hazard Severity Zones, as designated by the Town of Loomis, to demonstrate compliance with State and local regulations to maintain defensible space.

**Implementation Measure PHS-2.1.1:** ~~Application materials for residential subdivisions proposed within or near oak woodlands shall~~ Require that new development include wildland fire protection plans showing how vegetation clearance will be maintained around structures while preserving oak trees, in application materials for residential subdivisions proposed within or near oak woodlands.



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## **Flooding**

**Goal PHS-3.** REDUCE THE POTENTIAL FOR, AND DAMAGE RESULTING FROM, STORM FLOODING HAZARDS.

**OBJECTIVE PHS-3.1:** IMPLEMENT FLOOD CONTROL SOLUTIONS FOR NEW DEVELOPMENT AND MAINTAIN OR UPDATED FLOOD CONTROL AND PREVENTION PROGRAMS FOR EXISTING INFRASTRUCTURE.

Policy and Implementation Measure revisions to:

- Update to reflect current knowledge of flood risk area from updated flood mapping.
- Add focus on critical facilities
- Consider requirements for new development that would otherwise increase stormwater runoff.



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

**Policy PHS-3.1.1: Support efforts by the Federal Emergency Management Agency and the Placer County Flood Control District to reduce the potential for flooding along major streams in the Town, including Antelope Creek, Sucker Ravine, Secret Ravine, and their tributaries.**

**Policy PHS-3.1.2:** Prohibit 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, where necessary. ~~New development shall also be prohibited in the future 100-year flood zone, based on buildout conditions as determined by FEMA and FIRM maps.~~

**Policy PHS-3.1.3: Locate new essential public facilities (including hospitals and health care facilities, emergency shelters, fire and police stations, emergency command centers, and emergency communications facilities) outside of 100-year flood hazard zones.**

**Policy PHS-3.1.4:** Require that new development adhere to Placer County Flood Control District policies and the Dry Creek Watershed Flood Control Plan.

**Policy PHS-3.1.5: Prohibit new projects that would result in new or increased stormwater runoff unless it can be shown that existing drainage facilities would be improved or new drainage facilities would be constructed to mitigate the potential for flooding on adjoining and downstream parcels.**

**Policy PHS-3.1.6: Maintain drainage facilities to ensure their proper operation during storms.**

**IMPLEMENTATION MEASURE PHS-3.1.1.1:** The Town will continue to participate in the National Flood Insurance Program and will maintain and update the Town's Floodplain Management Ordinance, as necessary, to reduce future flood damage.

**IMPLEMENTATION MEASURE PHS-3.1.1.1:** ~~Site-specific recommendations of the town's drainage master plan, upon completion, shall be applied to individual development projects as appropriate.~~ The Town will maintain and update, as needed, the Drainage Master Plan and apply recommendations contained therein to proposed development projects.



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## **Flooding**

**Goal PHS-3.** REDUCE THE POTENTIAL FOR, AND DAMAGE RESULTING FROM, STORM FLOODING HAZARDS.

**OBJECTIVE PHS-3.2:** PRESERVE FLOODPLAIN FUNCTION AND VALUES.

Policy and Implementation Measure revisions to:

- Update to reflect current knowledge of flood risk area from updated flood mapping.
- Add focus on critical facilities
- Consider requirements for new development that would otherwise increase stormwater runoff.



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Flooding

- **Policy PHS-3.2.1:** Design new development near stream channels so that reduced stream capacity, stream bank erosion, or adverse impacts on habitat values are avoided.
- **Policy PHS-3.2.2: Reduce erosion and flooding, and protect natural habitat values.**
- **Policy PHS-3.2.3:** Discourage further channelization and/or banking of creeks or streams within the Planning Area, unless no other alternative is available to minimize flood risk. Setbacks from flood sources shall be the preferred method of avoiding impacts.
- **Implementation Measure PHS-3.2.1.1: The Town will maintain and implement the Town's Waterway Setback Ordinance (Municipal Code Section 13.56.040[A]), which establishes required setbacks for proposed structures based on the height and location of the adjacent stream bank, and will maintain and implement the Grading, Erosion, and Sediment Control Ordinance, which includes standards for setbacks from riparian vegetation.**





# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## **Climate Change Resilience**

**Goal PHS-4. IMPROVE RESILIENCY TO POTENTIAL CLIMATE CHANGE EFFECTS RELATED TO FIRE AND FLOOD HAZARDS.**

**OBJECTIVE PHS-4.1: ADDRESS CLIMATE CHANGE TO IMPROVE FUTURE QUALITY OF LIFE FOR TOWN RESIDENTS AND WORKERS.**

Policy and Implementation Measure revisions to:

- Consider policies with multiple benefits.
- Provide services to support the community in times of extreme climate events (shelters).
- Coordinated efforts with State and Regional planning and programs.



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Climate Change Resilience

- **Policy PHS-4.1.1: Encourage tree planting efforts throughout the town to provide shade and reduce heat-island effects.**
- **Policy PHS-4.1.2: Require new development to incorporate water-efficient landscaping.**
- **Policy PHS-4.1.3: Establish designated emergency shelters that provide air conditioning during extreme heat events and filtered air during unhealthy air quality days, and which are located outside of the 100-year floodplain for shelter during flood events. Provide community notifications as to the locations and times when such shelters are available.**
- **Policy PHS-4.1.4: Provide a link on the town's website to the South Placer Fire District for information regarding approved burn days and burn permits.**
- **Implementation Measure PHS-4.1.1: The Town will collaborate with Placer County and other participating agencies in updating and maintaining the Local Hazard Mitigation Plan and implementing climate change resiliency and adaption recommendations from this Plan in conditions for new development and through the Town's investments and public facilities planning.**



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## **Hazardous Materials**

**Goal PHS-5.** REDUCE THE RISKS ASSOCIATED WITH RELEASES OF HAZARDOUS MATERIALS THROUGH COMPLIANCE WITH LOCAL, STATE, AND FEDERAL SAFETY PROGRAMS.

**OBJECTIVE PHS-5.1:** REDUCE THE POTENTIAL FOR HAZARDOUS MATERIALS RELEASES AND THE RESULTING HEALTH AND ENVIRONMENTAL RISKS.

Policy and Implementation Measure revisions to:

- Update to reflect current regional planning efforts and regulatory agencies.
- Consider opportunities for coordinated response and recovery efforts between local agencies.
- Implement requirements for buffer zones and consideration of compatible land uses with regard to those land uses that use/store hazardous materials.
- Improve communication to the community regarding hazardous materials use, storage, and disposal opportunities.



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Hazardous Materials

- **Policy PHS-5.1.1: Work with public agencies and private companies to identify and reduce public and environmental hazards from releases of hazardous materials, through compliance with State and Federal law.**
- **Policy PHS-5.1.2: ~~Town policies concerning~~ Require compliance with the Placer County Environmental Health Division and the State Regional Water Quality Control Board policies and requirements for the use, storage, and transportation of hazardous materials, and regarding the installation and operation of underground ~~and~~ above ground storage tanks, ~~should reflect the Placer County Environmental Health Division and the State Regional Water Quality Control Board policies and requirements.~~**
- **Policy PHS-5.1.3: Require industrial/manufacturing uses that store and process hazardous or toxic materials to provide a buffer zone between the materials and the property boundaries, sufficient to protect public safety, as determined by the Planning Department.**
- **Policy PHS-5.1.4: ~~The s~~Storage, handling, and disposal of potentially hazardous waste in the Town must be in shall conformance with ~~to~~ 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.**



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Hazardous Materials

- **Implementation Measure 5.1.4.1:** As individual developments are proposed, the ~~Environmental Health specialist responsible for the project~~ **Town** 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:
  - Individual or cumulative physical hazard of material or materials.
  - Amounts of materials onsite, either in use or storage.
  - Proximity of hazardous materials to populated areas and compatibility of materials with neighboring facilities.
  - Federal, State, and local laws, and ordinances, governing storage and use of hazardous materials.
  - Potential for spill or release.
  - Proximity of hazardous materials to receiving waters or other significant environmental resource.



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Hazardous Materials

- **Implementation Measure 5.1.4.2: Provide opportunities for businesses and the public to obtain information related to hazardous materials use, storage, and disposal opportunities by developing a new page on the Town's website that includes the following:**
  - **provide a brief summary of the role of the local Certified Unified Program Agency (CUPA), identify the agency name, and include a link to the agency's website;**
  - **provide a brief summary of the Hazardous Materials Business Plan Program requirements, and a link to the local CUPA requirements for the program;**
  - **provide a brief summary of the requirements related to above ground and underground.**



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## **Emergency Preparedness**

**Goal PHS-6.** PREPARE FOR AND RESPOND EFFECTIVELY TO EMERGENCY SITUATIONS.

**OBJECTIVE PHS-6.1: IMPROVE EMERGENCY ACCESS, PREPAREDNESS, AND RESPONSE.**

### **Policy and Implementation Measure revisions to:**

- Update to reflect current regional planning efforts.
- Consider opportunities for coordinated response and recovery efforts between local agencies.
- Bring focus to the need for more than one point of ingress and egress (i.e., avoid “dead-end streets”), particularly in areas of High Wildfire Hazard Severity Zones.
- Address the need for designated emergency evacuation routes.
- Consider the railroad tracks that divide the Town.



# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Emergency Preparedness

- **Policy PHS-6.1.1: Continue to participate in and provide updates to the Placer County Local Hazard Mitigation Plan, Loomis Annex.**
- **Policy PHS-6.1.2: Coordinate with emergency response agencies, school districts, and utility providers to provide a coordinated response to and recovery from an emergency situation or natural disaster.**
- **Implementation Measure PHS-6.1.2: ~~Loomis shall continue to train and equip Town personnel to cope with emergency disaster situations, including hazardous material incidents~~ The Town will implement and update the Local Emergency Operations Plan to addresses life and safety protection, incident response, evacuation, evacuation routes, training, medical care, mutual aid agreements, temporary housing, and communications.**





# NEW OBJECTIVES AND REVISIONS TO POLICIES AND IMPLEMENTATION MEASURES

## Emergency Preparedness

- **Objective PHS-6.2.2 : Improve access to emergency evacuation routes.**
- **Policy PHS-6.2.1: Discourage the creation of new streets that have only one point of ingress and egress (i.e., “dead-end streets”) in areas prone to elevated fire or flood risk.**
- **Policy PHS-6.2.2: Establish designated emergency evacuation routes throughout the Planning Area for different disaster scenarios and a system to communicate evacuation directions to the public.**
- **Implementation Measure PHS-6.2.3.1: The Town will participate in updates to, and implementation of the Placer County Local Hazard Mitigation Plan, including strategies to ensure adequacy and reliability of emergency access and evacuation routes and a strong mutual aid support system. The Town will collaborate with the other participating agencies in the Local Hazard Mitigation Plan to ensure appropriate consideration of potential access and evacuation limitations associated with the Union Pacific Railroad.**



# REVISED NOISE AND VIBRATION GOALS

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**Noise-1. To protect Town residents and workers from the harmful and annoying effects of noise and vibration.**

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**Move to Objective Noise-1.1: To mitigate the effects of noise created by roadway traffic and non-residential land uses while discouraging the construction of sound walls.**

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**~~To maintain and where possible enhance the quiet, rural ambiance of the Town.~~**

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**Move to Objective Noise-1.3: To minimize the noise effect of railroad operations on residential uses and other sensitive land uses.**



**Objective Noise-1.1.**  
**Consider criteria**  
**for acceptable**  
**noise increases for**  
**CEQA projects.**

**TABLE 8-3: MAXIMUM ALLOWABLE NOISE EXPOSURE – TRANSPORTATION NOISE SOURCES**

NOISE SENSITIVE LAND USE	OUTDOOR ACTIVITY AREAS <sup>1</sup>	INTERIOR SPACES	
	DBA L <sub>DN</sub>	DBA L <sub>DN</sub>	DBA L <sub>EQ</sub> <sup>3</sup>
Residential	65	45	--
Transient Lodging	65	45	--
Hospitals, Nursing Homes	65	45	--
Theatres, Auditoriums, Music Halls	--	--	35
Churches, Music Halls	65	--	40
Office Buildings	65	--	45
Schools, Libraries, Museums	--	--	45
Playgrounds, Neighborhood Parks	70	--	--

# NON-TRANSPORTATION NOISE

**Table 8-4: Performance Standards for Stationary Noise Sources or Projects Affected by Stationary Noise Sources**

<u>Noise Level Descriptor</u>	<u>Daytime (7 AM – 10 PM)</u>	<u>Nighttime (10 PM – 7 AM)</u>
<u>Hourly L<sub>eq</sub>, dB</u>	<u>50</u>	<u>45</u>
<u>Maximum Level, dB</u>	<u>70</u>	<u>65</u>

NOTES: <sup>1</sup> EACH OF THE NOISE LEVELS SPECIFIED ABOVE SHOULD BE LOWERED BY FIVE (5) DB FOR SIMPLE NOISE TONES, NOISES CONSISTING PRIMARILY OF SPEECH OR MUSIC, OR RECURRING IMPULSIVE NOISES. SUCH NOISES ARE GENERALLY CONSIDERED BY RESIDENTS TO BE PARTICULARLY ANNOYING AND ARE A PRIMARY SOURCE OF NOISE COMPLAINTS.

<sup>2</sup> NO STANDARDS HAVE BEEN INCLUDED FOR INTERIOR NOISE LEVELS. STANDARD CONSTRUCTION PRACTICES SHOULD, WITH THE EXTERIOR NOISE LEVELS IDENTIFIED, RESULT IN ACCEPTABLE INTERIOR NOISE LEVELS.



**Objective Noise-1.1.**  
**Consider criteria**  
**for acceptable**  
**noise increases for**  
**CEQA projects.**

New Implementation Measure:  
Guidance for impact determinations under CEQA

Generally, a 3 dB increase in noise levels is barely perceptible, and a 5 dB increase in noise levels is clearly perceptible. Therefore, increases in noise levels shall be considered to be substantial when the following occurs:

- When existing noise levels are less than 60 dB, a 5 dB increase in noise will be considered substantial;
- When existing noise levels are between 60 dB and 65 dB, a 3 dB increase in noise will be considered substantial;
- When existing noise levels exceed 65 dB, a 1.5 dB increase in noise will be considered substantial.

Additional or alternative criteria: For instance, if the overall increase in noise levels occurs where no noise-sensitive uses are located, then the Town may use their discretion in determining if there is any impact at all.

Consider:

- the resulting noise levels;
- the duration and frequency of the noise;
- the number of people affected;
- conforming or non-conforming land uses;
- the land use designation of the affected receptor sites;
- public reactions or controversy as demonstrated at workshops or hearings, or by correspondence; and
- prior CEQA determinations by other agencies specific to the project.

## Vibration

### **New Implementation Measure:**

**The Town shall require new residential projects located adjacent to major freeways, truck routes, hard rail lines, or light rail lines to follow the FTA screening distance criteria to ensure that groundborne vibrations to do not exceed acceptable levels.**

# NEXT STEPS



**Continue to Review the Existing Element and Draft Setting Update**  
<https://loomis.ca.gov/2020-general-plan-update/>



**Stay Tuned for the Draft Update to the Public Health and Safety Element,  
Volume 1 Section 7 of the General Plan Update**



**Submit comments** [GPUpdate@loomis.ca.gov](mailto:GPUpdate@loomis.ca.gov)



**Participate via Social Pinpoint to map your specific concerns:**  
<https://loomis.mysocialpinpoint.com>



**Next Public Health, Safety & Noise Committee Meeting:**  
June 16<sup>th</sup> at 6 PM

# DISCUSSION

[GPUpdate@loomis.ca.gov](mailto:GPUpdate@loomis.ca.gov)





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# AVAILABLE DOCUMENTS

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Existing General Plan (2001)

<https://loomis.ca.gov/general-plan/>

Existing Public Health & Safety [and Noise] Element (2001)

<https://loomis.ca.gov/documents/element-viii-public-health-and-safety/>

General Plan Update

<https://loomis.ca.gov/2020-general-plan-update/>

Draft Public Health & Safety Setting Update:

<https://loomis.ca.gov/documents/public-health-and-safety/>

Draft Noise Setting Update:

<https://loomis.ca.gov/documents/noise-setting/>

