

MITIGATION MONITORING AND REPORTING PROGRAM

1.1 CALIFORNIA ENVIRONMENTAL QUALITY ACT REQUIREMENT

Where CEQA documents identify significant environmental effects, Public Resources Code Section 21081.6 requires state and local agencies to adopt a Mitigation Monitoring and Reporting Program (MMRP) “for the changes to the project which it has adopted or made a condition of a project approval to mitigate or avoid significant effects on the environment.” Amador County (County) has prepared this MMRP for the Amador County General Plan (or “project”) to provide for the monitoring of required mitigation measures, as set forth in the project’s Final Environmental Impact Report (EIR). This report will be kept on file with Amador County Planning Department, 810 Court St., Jackson, CA 95642.

The CEQA Statute and Guidelines provide direction for clarifying and managing the complex relationships between a Lead Agency and other agencies with implementing and monitoring mitigation measures. In accordance with CEQA Guidelines Section 15097(d), “each agency has the discretion to choose its own approach to monitoring or reporting; and each agency has its own special expertise.” This discretion will be exercised by implementing agencies at the time they undertake any of portion of the project, as identified in the Final EIR.

1.2 PURPOSE OF MITIGATION MONITORING AND REPORTING PROGRAM

The intent of the MMRP is to prescribe a means for effectively monitoring implementation and enforcing the adopted mitigation measures. County staff and others responsible for General Plan implementation will use the MMRP to ensure compliance with the mitigation measures, as set forth in the project’s Final EIR.

This mitigation monitoring matrix (Table 1) identifies the individual mitigation measures, responsible person/agency for monitoring implementation of the measure, and the timing of implementation, and reserves space to confirm implementation of the mitigation measures.

1.3 ROLES AND RESPONSIBILITIES

The County will oversee monitoring and documenting compliance with the mitigation measures. The County is responsible for fully understanding and overseeing execution of all of the mitigation measures contained within this MMRP. Certain mitigation measures also will require that the County coordinate with one or more other public agencies in implementing mitigation measures specified herein.

1.4 CHANGES TO MITIGATION MEASURES

Any substantive change in mitigation measures or the MMRP should be reported in writing. Modifications to the mitigation measures may be made by the County, subject to one of the following findings, and documented by evidence:

- ▶ The mitigation measure included in the Final EIR and the MMRP is no longer required because the significant environmental impact identified in the Final EIR has been found not to exist, or to occur at a level which makes the impact less than significant as a result of changes in the Draft General Plan, changes in environment conditions, or other factors.

OR,

- ▶ The modified or substitute mitigation measure provides a level of environmental protection equal to, or greater than that afforded by the mitigation measure included in the Final EIR and the MMRP; and,
- ▶ The modified or substitute mitigation measure or measures do not have significant adverse effects on the environment in addition to, or greater than those which were considered by the responsible hearing bodies in their decisions on the Final EIR and the Draft General Plan; and,
- ▶ The modified or substitute mitigation measures are feasible, and the County, through measures included in the MMRP or other County procedures, can ensure implementation.

Findings and related documentation supporting the findings involving modifications to mitigation measures shall be maintained in the project file with this MMRP.

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
4.1 Aesthetics			
<p>4.1-1: Condition Projects to Minimize Effects on Scenic Vistas and Visual Character</p> <p>a. To reduce impacts associated with scenic vistas and visual character, the County will require that new projects be conditioned to incorporate measures to reduce their effect on scenic views and visual character to the maximum extent practicable. Conditions may include, but are not limited to, the following:</p> <ul style="list-style-type: none"> • Limiting building heights. • Placing and orienting buildings to reduce or avoid impacts on scenic vistas or to be consistent with the existing visual character. • Regulating setbacks to be compatible with surrounding uses and existing visual character. • Regulating signs to reduce or avoid impacts to scenic views or visual character. 	County Planning Department	Ongoing	
<p>4.1-2: Implement Program P-13, Scenic Highway Corridor Ordinance</p> <p>a. The County will develop and adopt an ordinance specifying standards to implement state scenic highway requirements. The intent of this ordinance is to provide land use controls and regulatory safeguards to preserve and enhance an area of special and unique natural beauty and aesthetic interest in Amador County which has been identified as being a basic resource in the economy of the County. In order to accomplish this goal, the ordinance will establish design review controls to ensure that future development within this corridor will not substantially detract from the aesthetics and the County will consequently retain the overall scenic value, as well as economic resource value of SR 88. The objective of this ordinance will be to reduce or avoid visual impacts to state-designated scenic highway corridors. This ordinance will be based on standards in the County’s 1985 Scenic Highways Element. Standards will address landscaping, signs,</p>	County Planning Department, County Building Department, and Technical Advisory Committee	Upon Adoption of the Draft General Plan	

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appearance of buildings (including exterior colors, materials, and height), parking, maintenance, grading, and undergrounding of utilities.			
<p>4.1-4: Condition Projects to Minimize Light and Reflectance</p> <p>a. To reduce impacts associated with light and glare the County will require that new projects be conditioned to incorporate measures to reduce light and reflectance to the maximum extent practicable. Conditions may include, but are not limited to, the following:</p> <ul style="list-style-type: none"> • Exterior building materials on nonresidential structures shall be composed of a minimum 50% low-reflectance, non-polished finishes. • Bare metallic surfaces (e.g., pipes, vents, light fixtures) shall be painted or etched to minimize reflectance. • Require public lighting in commercial, industrial, and residential areas to be of a type(s) that are shielded and downward directed, utilizing light sources that are the best available technology for eliminating light bleed and reflectance into surrounding areas to the maximum extent possible. • Prohibit light fixtures that are of unusually high intensity or brightness or that blink or flash. • Use automatic shutoffs or motion sensors for lighting features to further reduce excess nighttime light. 	County Planning Department	Ongoing	

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4.2 Agricultural and Forest Resources			
<p>4.2-1a: Implement Program P-11, Farmland</p> <p>a. It is the County’s objective to maintain key farmlands for agricultural and agritourism uses, and reduce impacts related to conversion of Farmland (Prime Farmland, Farmland of Local or Statewide Importance, and Unique Farmland) to other uses. The County will seek to keep Farmland in agricultural designations when land use or zoning changes are proposed in the unincorporated area. For future changes to non-agricultural designations that affect Farmland areas, the County will reduce or avoid loss of Farmland to the extent feasible.</p> <p>b. The County will also work with cities and LAFCO to promote the protection of Farmland, including identifying alternatives to expansion of spheres of influence into areas of Farmland.</p>	County Planning Department working with Amador LAFCO and cities	Ongoing	
<p>4.2-1b: Implement Program D-1a(9), Development Proposal Evaluation</p> <p>a. The County will review proposed projects for consistency with goals, policies, and implementation programs of this general plan. Evaluation criteria for discretionary development proposals include:</p> <ul style="list-style-type: none"> • The presence of Farmland, proximity of development to working farms, and other effects on agricultural resources. Where the potential for conflicts exist that could adversely affect the operations of working farms, the County will work with the applicant to provide setbacks or use other site planning techniques (such as berms, fencing, landscaping, and building orientation), as appropriate, to substantially reduce or avoid impacts to agriculture from encroachment by other conflicting land uses. Include conditions (such as sizing of facilities or service area boundaries) for proposals which would require infrastructure improvements into areas of Farmland to avoid inducing urban growth. 	County Planning Department	Ongoing	

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Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.2-1c: Implement Agricultural Land Conversion Easements</p> <p>In order to reduce the loss of Farmland (Prime Farmland, Farmland of Statewide Importance, and Unique Farmland) through conversion to non-agricultural uses, the County shall require that when granting discretionary approvals or permits, the applicant shall purchase an agricultural conservation easement to mitigate for the loss of Farmland exceeding 5 acres, to be granted in perpetuity. The easement should be purchased for equivalent value Farmland in Amador County at a minimum acreage ratio of 1:1.</p>	County Planning Department	Ongoing	
<p>4.2-5a: Implement Program P-10, Timber Production</p> <p>a. In order to reduce impacts related to conversion of forestland, timberland, and Timberland Production Zones (TPZ) to other uses, the County will seek to keep forestland and timberland in compatible land use designations and zone districts. The County will maintain land presently designated Open Forest or other general plan designations and zoned TPZ in those current general plan designations if a change would result in the conversion of existing forested lands.</p> <p>b. The County will continue to designate lands which are prime timberlands as Timber Production Zone areas. For lands so designated, the County will encourage responsible forestry and timber harvesting.</p> <p>c. The County will continue to encourage value-added activities (such as sawmills, cogeneration plants, timber-based manufacturing, and other uses) which contribute to the economic viability of timber production at appropriate locations.</p>	County Planning Department	Ongoing	

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<p>4.2-5b: Implement Program D-1a(10), Development Proposal Evaluation</p> <p>a. The County will review proposed projects for consistency with goals, policies, and implementation programs of this general plan. Evaluation criteria for discretionary development proposals include:</p> <ul style="list-style-type: none"> • Proximity to and compatibility with forestland, timberland, and Timberland Production Zones. The County will work with the applicant to provide setbacks or use other site planning techniques (such as berms, fencing, landscaping and building orientation) in order to substantially reduce or avoid impacts to forestland, timberland, or Timberland Production Zones from encroachment by incompatible land uses. 	County Planning Department	Ongoing	
4.3 Air Quality			
<p>4.3-1a: Implement Measures to Control Particulate Matter Emissions Generated by Construction Activities</p> <p>a. The County will require each project applicant, as a condition of development project discretionary approval, to implement fugitive dust control measures to meet the requirements of Amador Air District Rule 218 (Fugitive Dust). Example measures include, but are not limited to:</p> <ul style="list-style-type: none"> • Water all exposed surfaces two times daily. Exposed surfaces include, but are not limited to soil piles, graded areas, unpaved parking areas, staging areas, and access roads. • Cover or maintain at least two feet of free board space on haul trucks transporting soil, sand, or other loose material on the site. Any haul trucks that would be traveling along major roadways should be covered. • Limit vehicle speeds on unpaved construction roads to 15 miles per hour (mph). • All roadways, driveways, sidewalks, parking lots to be paved should be completed as soon as possible. In addition, building pads should be laid as soon as possible after grading unless 	County Planning Department working with the Amador Air District	Ongoing	

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<p>seeding or soil binders are used.</p> <ul style="list-style-type: none"> • Maintain all construction equipment in proper working condition according to manufacturer’s specifications. The equipment must be checked by a certified mechanic and determine to be running in proper condition before it is operated. • Water exposed soil with adequate frequency for continued moist soil. However, do not overwater to the extent that sediment flows off the site. • Suspend excavation, grading, and/or demolition activity when wind speeds exceed 20 mph. • Plant vegetative ground cover (fast-germinating native grass seed) in disturbed areas as soon as possible. Water appropriately until vegetation is established. • Treat site accesses to a distance of 100 feet from the paved road with a 6 to 12-inch layer of wood chips, mulch, or gravel to reduce generation of road dust and road dust carryout onto public roads. • Post a publicly visible sign with the telephone number and person to contact at the construction site regarding dust complaints. This person shall respond and take corrective action within 48 hours. 			
<p>4.3-1b: Reduce Exhaust Emissions from Construction Equipment</p> <ul style="list-style-type: none"> • The County will require each project applicant, as a condition of development project discretionary approval, to implement measures to reduce exhaust emissions from construction equipment. Example measures include: • Where feasible, equipment requiring the use of fossil fuels (e.g., diesel) shall be replaced or substituted with electrically driven equivalents (provided that they are not run via a portable generator set). • To the extent feasible, alternative fuels and emission controls 	County Planning Department	Ongoing	

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<p>shall be used to further reduce exhaust emissions.</p> <ul style="list-style-type: none"> Minimize idling time either by shutting equipment off when not in use or reducing the time of idling to 5 minutes (as required by the state airborne toxics control measure [Title 13, Section 2485 of the California Code of Regulations]). Provide clear signage that posts this requirement for workers at the entrances to the site. The hours of operation of heavy-duty equipment and/or the amount of equipment in use at any one time shall be limited. Staging areas for heavy-duty construction equipment shall be located as far as possible from sensitive receptors. Implement construction best management practices to minimize fugitive dust emissions. Best management practices should be approved by AAD and could include, but are not limited to Sacramento Metropolitan Air Quality Management District’s Basic Construction Emission Control Practices. To the extent feasible, use best available control technology at the time of construction activities to minimize exhaust emissions from construction equipment and vehicles. Provide construction management plan for minimizing fugitive dust and exhaust emissions to Amador Air District prior to commencing construction activities. 			
<p>4.3-2a: Implement Reduction Measures for Discretionary Projects</p> <ul style="list-style-type: none"> The County will require each project applicant, as a condition of development project discretionary approval, to implement measures to reduce operational emissions of criteria air pollutants. Measures to reduce operational emissions will only be required for projects that exceed the applicable thresholds of significance for ROG, NOx, PM₁₀, or PM_{2.5} emissions, as demonstrated by project-level CEQA analysis. It should be noted that measures and programs implemented as a result of the climate action plan would also reduce air quality emissions from new and existing projects. Example measures include: 	County Planning Department	Ongoing	

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<ul style="list-style-type: none"> • Install solar, wind, and geothermal power systems and solar hot water heaters. • Install solar panels on unused roof and ground space and over carports and parking areas. • Promote “least polluting” ways to connect people and goods to their destinations. • Incorporate bicycle lanes, routes and facilities into roadway systems. • Require amenities for non-motorized transportation, such as secure and convenient bicycle parking. • Institute teleconferencing, telecommute and/or flexible work hour programs to reduce unnecessary employee transportation • Provide information on alternative transportation options for consumers, residents, tenants and employees to reduce transportation-related emissions. • Purchase, or create incentives for purchasing, low or zero-emission vehicles. • Create a ride sharing program. Promote existing ride sharing programs e.g., by designating a certain percentage of parking spaces for ride sharing vehicles, designating adequate passenger loading and unloading for ride sharing vehicles, and providing a web site or message board for coordinating rides. • Enforce and follow limits regarding idling times for commercial vehicles, including delivery and construction vehicles. • To the extent feasible and practical, construct new roadways for residential, commercial, or industrial projects in the County using materials that minimize particulate matter emissions (e.g., paved roads rather than unpaved, dirt roads). Roads should also be permeable when feasible and appropriate for the scale and intensity of planned use. 			

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<p>4.3-2b: Implement Program D-7, Air Emissions and Sensitive Receptors</p> <p>a. In the review of development proposals, the County will require projects to comply with all applicable Amador Air District (AAD) rules, and obtain all required AAD permits.</p> <p>b. In the review of development proposals, the County will reference the guidelines presented in the California Air Resources Board’s Air Quality and Land Use Handbook: A Community Health Perspective, or the Amador Air District guidelines and recommendations available at the time, when establishing buffers around existing or proposed sources of toxic air contaminants or odorous emissions. During future environmental CEQA review for individual projects, projects that would result in substantial TAC emissions directly or indirectly (e.g., industrial sources), or for land use projects that would expose sensitive receptors to substantial TAC concentrations (e.g., residential land uses located near existing TAC sources), the County will require an HRA to be performed by project applicants to determine whether existing or proposed on-site sensitive receptors will be exposed to significant levels of TAC emissions. An HRA would only be required for those projects that would be anticipated to expose sensitive receptors to substantial TAC concentrations based on the project description or other relevant characteristics as determined by County Planning staff during the environmental review process. If the results of the HRA indicate a significant impact, the individual project applicant shall employ measures (e.g., air filters, project redesign) to reduce exposures to levels below the acceptable limits (e.g., 10 in a million excess cancer risk, 1.0 health hazard index).</p>	<p>County Planning Department working with Amador Air District</p>	<p>Ongoing</p>	

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<p>4.3-5: Naturally-Occurring Asbestos Control</p> <p>a. The County will amend Chapter 15.40 of the County Code (governing grading and erosion control) to include a section addressing the reduction of asbestos exposure for grading permits in areas likely to contain naturally occurring asbestos (mapped as Ultramafic (um), Copper Hill Volcanics (Jch), the Gopher Ridge Volcanics (Jgo), or Logtown Ridge (Jlr) on the Geologic Atlas of California – Sacramento Sheet, or based on mapping developed by the California Geological Survey). Methods to reduce asbestos exposure may include requiring grading permits or building permits that would result in earth disturbance to have a California-registered geologist knowledgeable about asbestos-containing formations inspect the project area, using appropriate test methods, for the presence of asbestos. If the investigation determines that NOA is present, then the County will require the project applicant to prepare an Asbestos Dust Control Plan as required in Section 93105 of the California Health and Safety Code, including measures to reduce exposures consistent with Section 93105(d) and (e) of the California Health and Safety Code. These measures include wetting unpaved areas subject to vehicle traffic; limiting speed to 15 miles per hour; stabilizing storage piles and disturbed areas with water, cover, or chemical suppressant; washing down equipment before moving from the property onto a paved public road; and applying water to prevent visible dust in areas where ground disturbance or grading occurs.</p>	<p>County Building Department and County Department of Transportation and Public Works</p>	<p>Within 12 months after adoption of General Plan.</p>	
<p>4.3-6: : Implement Measures to Control Exposure of Sensitive Receptors to Odorous Emissions</p> <p>a. The County will require the project applicant(s) for all project phases to implement the following measures:</p> <ul style="list-style-type: none"> • For every proposed land use that has the potential to emit odor, the project applicant shall perform a review as part of the CEQA analysis to determine whether existing or proposed sensitive receptors will be exposed to significant levels of 	<p>County Planning Department</p>	<p>Ongoing</p>	

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Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>odorous emissions.</p> <ul style="list-style-type: none"> For existing odor-producing sources, sensitive receptors shall be sited as far away as possible from the existing sources. For new project-generated odor-producing sources, sensitive receptors shall be sited as far away as possible from the new sources. 			
4.4 Biological Resources			
<p>4.4-1a: Implement Program D-4, Biological Resources</p> <p>When considering discretionary development proposals, it is the County’s objective to avoid or substantially reduce impacts to special-status species, riparian habitat, Ione chaparral, oak woodlands, and wetlands (including vernal pools and non-jurisdictional wetlands) through project design and modification to the extent feasible.</p>	County Planning Department working with US Fish and Wildlife Service, National Marine Fisheries Service, and California Department of Fish and Wildlife	Ongoing	
<p>4.4-1b: Special-Status Species Protection</p> <p>When considering discretionary development proposals implementing the Draft General Plan, the County, through CEQA reviews, will require assessments of potential habitat for special-status species on proposed projects sites, and avoidance or substantial reduction of impacts to that habitat through feasible alternatives or mitigation measures, including compensatory mitigation where unavoidable losses of occupied habitat would occur.</p> <p>Mitigation measures will be developed consistent with applicable state and federal requirements. For those species for which published mitigation guidance exists (such as VELB, burrowing owl, and Swainson’s hawk), developed mitigation measures will follow the guidance provided in these publications or provide a similar level of protection.</p> <p>If previous published guidance does not exist, mitigation will be developed in consultation with the appropriate agencies (USFWS</p>	County Planning Department working with US fish and Wildlife Service, National Marine Fisheries Service, and California Department of Fish and Wildlife	Ongoing	

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Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
for federally listed plant, wildlife and fish species; NMFS for listed anadromous fish species; CCDFW for state listed species, species of special concern and CRPR-ranked species). The County will require project applicants to obtain any required take permits prior to project implementation.			
<p>4.4-2: Riparian Habitat Protection</p> <p>If projects require encroachment into the riparian habitat, project applicants will be required to develop a riparian habitat mitigation plan. The mitigation plan will include the following:</p> <ul style="list-style-type: none"> • implementation of Best Management Practices (BMPs) while working near riparian habitats to avoid inadvertent damage to riparian vegetation to be retained. BMPs will include establishment of no-disturbance buffers around the outer edge of the riparian vegetation to prevent root and crown damage, soil compaction, and implementation of standard BMPs to reduce erosion and water quality impacts, and introduction and spread of invasive species. Exceptions to riparian buffers will be granted to permit necessary road and bridge repair and construction, trails construction, and other recreational access structures that are water dependent, such as docks and piers; • methods to be implemented to avoid and/or compensate for impacts on riparian habitat at a ratio adequate to offset the loss of riparian habitat functions and values. At a minimum, riparian habitat losses will be compensated at a 1:1 ratio; • identification of mitigation sites and criteria for selecting these sites; • site-specific management procedures to benefit establishment and maintenance of native riparian plant species; • monitoring protocol, including schedule and annual report requirements (compensatory riparian habitats shall be monitored for a minimum period of five years); • ecological performance standards and corrective measures if 	County Planning Department working with US Fish and Wildlife Service and California Department of Fish and Wildlife	Ongoing	

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Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>performance standards are not met;</p> <ul style="list-style-type: none"> responsible parties for monitoring and preparing reports; and responsible parties for receiving and reviewing reports and for verifying success or prescribing implementation or corrective actions. <p>Mitigation may be accomplished through preservation, replacement, restoration or enhancement of degraded habitat, reestablishing riparian vegetation in areas that historically supported it, or purchase of credits at an established mitigation bank, such as the Cosumnes Floodplain Mitigation Bank. Compensatory mitigation will be provided within Amador County to the extent feasible and available; however, certain impacts may be compensated at an agency-approved mitigation bank in an adjacent county if required by CDFW and an agency-approved mitigation bank is not available in Amador County. If a proposed project requires work on the bed or bank of a stream, or other water body, the project applicant will also obtain a streambed alteration agreement under Section 1602 of the Fish and Game Code from CDFW prior to project implementation, and will implement all requirements of the agreement in the timeframes required therein.</p>			
<p>4.4-3: Ione Chaparral Avoidance and BMPs</p> <p>The County will require project applicants to submit a mitigation plan for unavoidable impacts to Ione chaparral. The mitigation plan will address how Ione chaparral to be retained on the project site will be avoided or how impacts will be minimized. The mitigation plan will include the following:</p> <ul style="list-style-type: none"> BMPs for work near Ione chaparral to prevent the inadvertent spread of pathogens. BMPs may include the establishment of buffers and exclusion zones and mandatory equipment cleaning prior to and after work to prevent cross contamination among sites. Consideration of the recovery plan for the Ione chaparral plant 	<p>County Planning Department working with US Fish and Wildlife Service and California Department of Fish and Wildlife</p>	<p>Ongoing</p>	

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<p>community, once published, and other publications on the community or associate species.</p> <ul style="list-style-type: none"> • Measures for the management of soil-borne pathogens before, during and after project implementation and measures aimed at the prevention of their spread. • Methods to be implemented to avoid and/or compensate for impacts on Ione Chaparral at a ratio adequate to offset the loss of Ione Chaparral functions and values. At a minimum, Ione Chaparral losses will be compensated at a 1:1 ratio. <p>Because Ione chaparral is known to support several federally listed plant species as well as other plant species considered special-status species by local and state agencies, mitigation will be developed in consultation with USFWS and CDFW, as appropriate depending on species status. Mitigation may include replanting and enhancement of degraded stands of Ione chaparral. However, because it is difficult to rehabilitate land to support Ione chaparral once it has been mined, planting and enhancement will be combined with preservation to help ensure the loss of habitat is compensated. The preferred conservation method will be the purchase of conservation easements by project applicants. Mitigation lands will be managed for the long term protection and survival of Ione chaparral and, if possible, be contiguous with lands already protected to maximize the likelihood of mitigation success.</p> <p>If a project requires a Reclamation Plan under the State’s Surface Mining and Reclamation Act (SMARA), the plan may be developed to address multiple agencies’ requirements to avoid redundancy, and would address protection of Ione chaparral as required by SMARA’s Reclamation Plan standards and by CEQA.</p>			

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.4-4a: Implement Program D-1a(12), Development Proposal Evaluation</p> <p>The County will review proposed projects for consistency with goals, policies, and implementation programs of this general plan. Evaluation criteria for discretionary development proposals include</p> <ul style="list-style-type: none"> • Impacts to oak woodlands. The County will assess impacts of proposed projects on oak woodlands, and require mitigation per Public Resources Code Section 21083.4. 	County Planning Department	Ongoing	
<p>4.4-4b: Oak Woodlands</p> <p>When considering discretionary development proposals implementing the Draft General Plan, the County, through CEQA reviews, will require that project applicants map oak woodland resources on the project site and, where feasible, establish buffers around existing oak woodland stands to prevent adverse effects. The County will require implementation of BMPs while working near oak woodlands to be retained to avoid inadvertent damage to oak trees. BMPs will include establishment of no-disturbance buffers around the outer canopy edge to prevent root and crown damage, soil compaction, and standard management practices to reduce introduction and spread of invasive species and other indirect effects.</p> <p>For those impacts on oak woodland that cannot be avoided, the County will require the project applicant to minimize adverse effects. If conversion of oak woodland will occur, the County will require one or more of the following mitigation measures be implemented to mitigate the impact from loss of oak woodland habitat pursuant to Public Resources Code Section 21083.4:</p> <ul style="list-style-type: none"> • Conserve oak woodlands through the purchase of conservation easements • Plant acorns and container stock from a local seed source to replace oak woodland removed. The following parameters will be applied: <ul style="list-style-type: none"> - Plant an appropriate number of trees, including 	County Planning Department	Ongoing	

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<p style="margin-left: 40px;">maintaining plantings and replacing dead or diseased trees</p> <ul style="list-style-type: none"> - Maintain trees for seven years after the trees are planted - Planting may not account for more than 50% of the required mitigation - Mitigation through planting may be used to restore former or degraded oak woodlands. <ul style="list-style-type: none"> • Contribute funds to the Oak Woodlands Conservation Fund, as established under subdivision (a) of Section 1363 of the Fish and Game Code, for the purpose of purchasing oak woodland conservation easements <p>The County will require project applicants to develop a mitigation and monitoring plan to compensate for the loss of oak woodland habitat. The mitigation and monitoring plan will describe in detail how loss of oak woodlands shall be avoided or offset, including details on restoration and creation of habitat, compensation for the temporal loss of habitat, success criteria ensuring habitat function goals and objectives are met, performance standards to ensure success, and remedial actions if performance standards are not met. The plan will include detailed information on the habitats present within the preservation and mitigation areas, the long-term management and monitoring of these habitats, legal protection for the preservation and mitigation areas (e.g., conservation easement, declaration of restrictions), and funding mechanism information (e.g., endowment).</p> <p>If planting is used as part of compensatory mitigation, an oak planting plan will be developed by a qualified professional such as a professional biologist, arborist, or registered professional forester using the best available science and will clearly state all mitigation measures required.</p> <p>Oak woodlands habitat placed under conservation easements will be at appropriate ratios to offset the loss of habitat functions and values of the oak woodland to be lost. Oak woodland habitat preserved this way should have similar tree sizes and densities,</p>			

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Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>species composition, site condition, and landscape context to the oak woodland to be removed to serve the same function and have similar habitat value. At a minimum, 1 acre of oak woodland habitat providing similar functions and values will be placed under conservation easement for every acre of oak woodlands habitat lost.</p> <p>The County may also permit project applicants to contribute to an established oak woodland fund to meet up to 50 percent of their mitigation requirements.</p>			
<p>4.4-5: Wetlands</p> <p>Project applicants will be required to conduct wetland delineations according to USACE standards and submit the delineations to the USACE for verification. Based on the verified delineation, project applicants will quantify impacts to wetlands and other waters of the United States resulting from their proposed projects. A permit from the USACE will be required for any activity resulting in impacts of “fill” of wetlands and other waters of the United States.</p> <p>If projects require activities that result in impacts to wetlands and other waters of the United States, the County during discretionary project review will require project applicants to obtain all necessary permits under Section 404 of the CWA, and implement compensatory mitigation consistent with USACE and EPA’s April 10, 2008 <i>Final Rule for Compensatory Mitigation for Losses of Aquatic Resources</i> (33 CFR Parts 325 and 332 and 40 CFR Part 230), including preparation of a wetland mitigation plan if required. The wetland mitigation plan will include ecological performance standards, based on the best available science, that can be assessed in a practicable manner. Performance standards must be based on attributes that are objective and verifiable. The County will require project applicants to commit to replace, restore, or enhance on a “no-net-loss” basis (in accordance with USACE Section 404 no-net-loss requirements) the acreage of all wetlands and other waters of the United States that would be removed, lost, and/or degraded by discretionary projects. The</p>	<p>County Planning Department working with US Army Corps of Engineers, Central Valley RWQCB, and California Department of Fish and Wildlife</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>County will require similar mitigation for loss of non-jurisdictional wetlands and waters that are waters of the state and have value as biological resources.</p> <p>For Section 404 mitigation, in accordance with the Final Rule, mitigation banks (e.g., Cosumnes Floodplain Mitigation Bank) will be given preference over other types of mitigation because much of the risk and uncertainty regarding mitigation success is alleviated by the fact that mitigation bank wetlands must be established and demonstrating functionality before credits can be sold. The Final Rule also establishes a preference for compensating losses of aquatic resources within the same watershed as the impact site. A combination of mitigation bank credits and permittee-responsible on and off-site mitigation may be used as needed to fully offset project impacts on wetlands and other waters of the United States and waters of the state.</p> <p>Project applicants that obtain a Section 404 permit will also be required to obtain certification from the Regional Water Quality Control Board (RWQCB) pursuant to Section 401 of the CWA. If the project involves work on the bed or bank of a river, stream or lake, a Streambed Alteration Agreement from CDFW pursuant to Section 1602 of the Fish and Game Code will also be needed, which will include mitigation measures required by CDFW. The County will require project applicants to obtain all needed permits prior to project implementation, and to abide by the conditions of the permits, including all mitigation requirements.</p>			

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
4.5 Cultural Resources			
<p>4.5-1a: Implement Program D-6 Historic Preservation, Cultural Resources</p> <p>a. The objective of Amador County’s Implementation Plan Program D-6 is to substantially reduce or avoid impacts to cultural resources through preservation in place. Data recovery as a mitigation measure would only be implemented when preservation or mitigation is not feasible. Through the discretionary review process, the County will work with applicants to assure their projects comply with state and federal laws that preserve and protect cultural resources, including historic resources and archeological sites. These mitigation measures would be developed by an archaeologist that specializes in prehistoric or historic archaeology, and/or an architectural historian (as appropriate) that meets the Secretary of Interior’s Standards. With regard to traditional tribal cultural places, preservation of values would be the preferred method of protecting a sacred area from adverse impacts. If preservation is not feasible, then one or more of the alternative methods outlined in CEQA Guidelines Section 15126.4(b)(3) may be implemented. The County will work with applicants to comply with state and federal laws that preserve and protect cultural resources, including historic resources and archeological sites.</p> <p>b. When evaluating discretionary projects, the County will use its review process to guide the applicant toward the use of the Secretary of the Interior’s Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings; or use of the Secretary of the Interior’s Standards for Rehabilitation; and the Guidelines for Rehabilitating Historic Buildings (Weeks and Grimmer 1995). The Secretary of the Interior's Standards for the Treatment of Historic Properties presume each historical resource is unique. Thus, each significant resource presents its own identity and its own distinctive character. Character in this instance refers to those visual aspects and physical features that comprise the</p>	<p>County Planning Department, County Building Department, and County Sheriff/Coroner (when remains are found) working with County Archives.</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>appearance of a historical resource. As commonly referred, character-defining features include the overall shape of the resource, its materials, craftsmanship, decorative details, interior spaces and features, as well as the various aspects of its site and environment (Nelson, ND). Following the Secretary’s Standards will result in the retention of as many key character-defining features as possible in the protection, preservation, restoration, or renovation of cultural resources such as historic buildings, structures, objects, landscapes, or sites, where feasible. When possible, project applicants shall also strive to maintain or restore original proportions, dimensions, and elements of historic buildings or structures and preserve or restore features of historic objects, landscapes, or sites. Applicants may be required to use historic preservation techniques and standards to maintain the historical integrity of historic buildings or structures (including the Historic Building Code [Title 24, Part 8]) where mandated. Where restoration or renovation is undertaken to meet the proposed use of the owner, upgrades to plumbing, electrical, HVAC, and interior arrangements will be allowed. An expansion that meets building code guidelines will be permitted so long as the style of the expansion matches the original structure. Individuals that meet the Secretary of Interior’s Standards for architectural preservation will be used to determine that the impact on the historical resource resulting from the expansion is mitigated to a less-than-significant level.</p> <p>c. Where restoration or preservation of a cultural resource is not feasible, applicants shall document the resource and retain the information in a secure location. Access to confidential information will be conducted pursuant to federal and state laws, including but not limited to the California Public Records Act, Government Code § 6250 et seq., and the Information Practices Act of 1977, Civil Code § 1798 et seq. Archaeological collections will be curated according to the <i>Guidelines for the curation of Archeological Collections</i> (State Historical Resources Commission (1993), and will funded by the project applicant.</p>			

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.5-1b: Implement CEQA Review of Discretionary Projects</p> <p>The County will require applicants for discretionary projects that could have significant adverse impacts to prehistoric or historic-era archaeological resources to assess impacts and provide mitigation as part of the CEQA process, and consistent with the requirements of CEQA Guidelines Section 15126.4(b)(3) and Public Resources Code Section 21083.2, or equivalent County regulation. These regulations generally require consultation with appropriate agencies, the Native American Heritage Commission, knowledgeable Native American groups and individuals, new and updated record searches conducted by the North Central Information Center and federal and incorporated local agencies within and in the vicinity of the project site, repositories of historic archives including local historical societies, and individuals, significance determinations by qualified professionals, and avoidance of resources if feasible. If avoidance is not feasible, recovery, documentation and recordation of resources is required prior to project implementation, and copies of the documentation will be forwarded to the NCIC. In the event human remains are discovered, the applicant and landowner will comply with California Health and Safety Code Section 7050.5 and California Public Resources Code Section 5097. When the County is the applicant the same mitigation applies.</p>	<p>County Planning Department, County Building Department, and County Sheriff/Coroner (when remains are found)</p>	<p>Ongoing</p>	
<p>4.5-2: Impose Standard Conditions on Development</p> <p>The County will continue to impose the following conditions on projects which include ground disturbing activity. Applicants, including the County, will be required to do the following:</p> <ul style="list-style-type: none"> • During ground-disturbing activity, if paleontological, historic or pre-historic resources such as chipped or ground stone, fossil-bearing rock, large quantities of shell, historic debris, building foundations, or human bone are inadvertently discovered, the operator/permittee shall immediately cease all such activities within 100 feet of the find and notify the 	<p>County Planning Department; County Building Department, and County Sheriff/Coroner (when remains are found) in consultation with tribal nations, when relevant.</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>Amador County Technical Advisory Committee. A qualified archaeologist shall be contracted by the operator/permittee to assess the significance of the find and prepare an evaluation, avoidance or mitigation plan, as appropriate, which shall be implemented before resuming ground disturbing activities.</p> <ul style="list-style-type: none"> • When a discretionary project will involve subsurface impacts in high sensitive areas a qualified archaeologist will monitor ground disturbing activities, and will have the authority to halt construction until the resource can be evaluated and mitigated if necessary. Native American monitors will be invited to attend. In addition, future CEQA projects will require AB52 consultation with tribes including the development of mitigation measures. • In the event of discovery or recognition of any human remains anywhere within the work area, the operator/permittee shall comply with the following protocol: <ol style="list-style-type: none"> 1. Immediately cease any disturbance of the area where such suspected remains are discovered and any nearby areas reasonably suspected to overlie adjacent remains until the Amador County Coroner is contacted, per Section 7050.5 of the California Health and Safety Code. The coroner shall, within two working days: <ul style="list-style-type: none"> ○ Determine if an investigation of cause of death is required; ○ Determine if the remains are most likely that of Native American origin, and if so suspected, the coroner shall notify the NAHC within 24 hours of making his or her determination. 2. The descendants of the deceased Native Americans shall make a recommendation to the operator/permittee for the means of handling the remains and any associated grave goods as provided in Public Resources Code (PRC) Section 5097.98. 			

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>3. The NAHC shall immediately notify those persons it believes to be most likely descended from the deceased Native American.</p> <p>4. The descendants may, with the permission of the landowner or their representative, inspect the site of the discovered Native American remains and may recommend possible treatment or disposition within 24 hours of their notification.</p> <p>5. Whenever the commission is unable to identify a descendent, or the descendent identified fails to make a recommendation, or the landowner or his or her authorized representative rejects the recommendation of the descendent and the mediation provided for in subdivision (k) of PRC Section 5097.94 fails to provide measures acceptable to the landowner, the landowner or his or her authorized representative shall reinter the human remains and items associated with Native American burials with appropriate dignity on the property in a location not subject to further subsurface disturbance.</p>			
4.6 Geology, Soils, Mineral Resources, and Paleontological Resources			
<p>4.6-8a: Implement Program P-9, Mineral Resource Management</p> <p>In order to ensure extraction and processing of mineral resources and aggregate deposits may continue, the County will regulate land uses in Mineral Resource Zone 2 areas to ensure compatibility between mineral extraction, and surrounding existing and planned uses.</p>	County Planning Department	Ongoing	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.6-8b: Implement Program D-1a(13), Development Project Evaluation</p> <p>The County will review proposed projects for consistency with goals, policies, and implementation programs of this general plan.</p> <ul style="list-style-type: none"> Evaluation criteria for discretionary development proposals include: <p>13. The County will evaluate development proposals for compatibility with nearby mineral extraction activities and mapped resources to reduce or avoid the loss of mineral resource availability.</p>	<p>County Planning Department, County Department of Transportation and Public Works, and County Environmental Health Department</p>	<p>Ongoing</p>	
<p>4.6-9: Paleontological Resource Assessment</p> <p>When reviewing discretionary development proposals where a CEQA document is required, the County will require project applicants to conduct a paleontological resources impact assessment for projects proposed within the Modesto, Riverbank, Mehrten, and Ione Formations. These formations are sensitive for paleontological resources and underlie certain areas of the County (as shown in Exhibit 4.6-3). Impacts to paleontological resources will be evaluated on a site-specific basis, pursuant to the State CEQA Guidelines. Where such impacts are found to be potentially significant, the County will require project applicants to implement feasible mitigation measures to reduce impacts, such as construction worker personnel education, consultation with a qualified paleontologist should resources be encountered, avoidance of resources if feasible, and recovery and curation of specimens, as appropriate.</p> <p>Actions that do not meet the CEQA definition of a “project” and therefore do not require an environmental analysis under the CEQA process shall not be required to perform a paleontological resources analysis.</p>	<p>County Planning Department</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
4.7 Greenhouse Gas Emissions			
<p>Mitigation Measure 4.7-1a: Develop and Implement a Greenhouse Gas Reduction Plan</p> <p>The County will develop and implement a GHG reduction plan. The GHG reduction plan will have three primary objectives: to reduce total greenhouse gas emissions in the county to 1990 levels by 2020 pursuant to the AB 32 GHG reduction targets, to the extent feasible to meet the 2030 efficiency metric of 3.09 MT CO₂e per service population, and to create adaptation strategies to address the impacts of climate change on the county. As noted in Table 4.7-1, farming, mining, logging, and manufacturing jobs are not included in the jobs or emissions estimates and therefore this mitigation measure would not apply to those activities and sources. The contents of the GHG reduction plan would include:</p> <ul style="list-style-type: none"> • A description the County’s rationale for developing and implementing the plan, describing state policy mandates to reduce GHG emissions. • GHG emissions forecasts for 2020 and 2030. Forecasts will build upon the baseline GHG emissions inventory provided in the General Plan EIR for the base year 2005 (the AB 32 base year) , with any necessary updates. • Emission reduction measures and actions. This will include a description of the feasible measures and actions that are necessary to reduce emissions in the County and achieve the reduction targets. Measures could include, but are not limited to the following and the Attorney General’s Office mitigation measures (CAPCOA 2010) (CAPCOA 2010 documents the effectiveness of many of these measures in reducing GHG emissions): <ol style="list-style-type: none"> 1. Increase density and location efficiency of new development. 2. Improve pedestrian and transit access and amenities in new development. 	<p>County Planning Department working with Amador Air District</p>	<p>Begin development upon adoption of General Plan</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<ol style="list-style-type: none"> 3. Implement trip reduction and carpool programs. 4. Support telecommuting and alternative work schedules for new job-generating uses. 5. Install programmable thermostat timers for new buildings. 6. Use on-site renewable energy systems. 7. Limit outdoor lighting requirements for new commercial properties. 8. For new commercial land uses, employers allow telecommuting and alternative work schedules for employees. 9. Provide electrical vehicle and carpool vehicle priority parking in new commercial sites. 10. Install low-flow water fixtures in all new residential and commercial developments. 11. Adopt a water conservative strategy applicable to all residential and commercial developments. 12. Require commercial building landscaping to be water-efficient (e.g., native or drought-resistant plants, minimize turf and lawn area). 13. Recycle demolished construction materials. 14. Use alternative fuels, electric, and/or hybrid construction equipment. 15. Protection and adaptation strategies. This section will describe strategies, policies, and measures that will be used to protect the County from, and facilitate adaptation to, the potential effects of climate change. 16. Benchmarks, monitoring procedures, amendment requirements, and other steps needed to ensure the County achieves its emissions reduction, protection, and adaptation goals. 17. Re-evaluation of policies, and measures relevant to climate change in the General Plan each time the General Plan is updated. 			

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>Mitigation Measure 4.7-1b: Implement Interim Project-Specific Greenhouse Gas Reduction Measures</p> <p>Until a Greenhouse Gas Reduction Plan is adopted, the County will require discretionary projects to implement mitigation measures to reduce greenhouse gas emissions to help meet the 2020 emission reduction goals of AB 32 and the significance threshold of 3.09 MT CO₂e per service population per year in 2030. This process will include:</p> <ul style="list-style-type: none"> • Evaluating project emissions compared to the 2020 emission reduction goals of AB 32 and the significance threshold of 3.09 MT CO₂e per service population per year in 2030, and formulating feasible measures necessary for the project to demonstrate the ability to help meet these targets. Reduction potentials for adopted measures should be calculated using the most currently available research and literature and CAPCOA’s <i>Quantifying Greenhouse Gas Mitigation Measures</i> report (CAPCOA 2010). • Assessing VMT and implementing measures to reduce VMT, including but not limited to: <ol style="list-style-type: none"> 1. Providing pedestrian, bicycle, and/or transit access, amenities, or funding, including (but not limited to) internal access, bike lanes, bike parking, and ride sharing; 2. Traffic calming measures to reduce vehicle speeds; 3. Providing a mix of uses and density that support pedestrian and transit access; • Assessing energy consumption and implementing measures to reduce energy use. Sample measures include but are not limited to installing energy efficient appliances and boilers, “cool” roofs and pavements, higher-efficiency interior and exterior lighting, and on-site renewable energy generation. • Reducing water use, including but not limited to use of grey water, low-flow fixtures, water-efficient landscapes and 	<p>Planning Department working with Amador Air District</p>	<p>Ongoing until adoption of a Greenhouse Gas Reduction Plan</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
irrigation systems, reduced turf, and native or drought-tolerant landscaping.			
4.8 Hazards and Hazardous Materials			
4.8-2a: Implement Program P-12, Emergency Response			
<p>a. In order to maintain effective emergency and disaster response and reduce hazards related to fire, flood, and public safety emergencies, the County will implement and periodically update disaster plans, including the Multi-Hazard Mitigation Plan and Emergency Operations Plan, to meet federal, State, and local emergency requirements. This effort will include planning to coordinate response actions, and the identification and planning for evacuation routes for dam failure, wildfire, and flooding.</p> <p>b. The County will regularly assess the resources needed to effectively respond to disaster situations, and ensure proper staffing levels at emergency response agencies.</p> <p>c. The County will regularly assess the operational integrity of essential public facilities during emergencies, including flood emergencies, and identify actions to maintain operations, as necessary.</p> <p>d. The County will update equipment and training as necessary, including adopting training standards that meet or exceed State and national standards.</p> <p>e. The County will develop its capability to handle mass shelters in case of major disasters by maintaining a list of appropriate emergency shelter locations. These sites should be well connected to evacuation routes.</p>	County Office of Emergency Services, Sheriff's Department, and Planning Department	Ongoing	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.8-2b: Implement Program D-10, Evacuation Planning and Routes</p> <p>a. When considering development proposals and discretionary actions, the County will ensure that actions will not prevent the implementation of emergency response plans or viability of evacuation routes established by the Office of Emergency Services.</p> <p>b. Establish adequate fire buffers along heavily traveled roads by promoting grazing, thinning, mowing, plowing, disking, or controlled burning of roadside grass. Favor those methods that have the least impact on air quality, such as grazing.</p>	<p>County Planning, Transportation, and Public Works Departments, and County Office of Emergency Services</p>		
<p>4.8-3a: Implement Program D-9, Hazardous Materials</p> <p>a. The County will maintain and update a list of hazardous sites, buildings, and uses in the unincorporated area, or use databases tracking the location of hazardous materials sites, buildings, and similar features, including active and abandoned mines. If possible, the County will make this list available to applicants.</p> <p>b. The County will consult the hazardous sites list to evaluate and condition future development applications and projects, as necessary, to protect environmental and public health.</p> <p>c. For applications submitted to the County involving construction activities at Cortese-listed sites, project applicant(s) shall comply with requirements of the California Department of Toxic Substance Control, the Central Valley Regional Water Quality Control Board, and/or other applicable agency regulating the investigation and cleanup of the site.</p>	<p>County Environmental Health Department working with Amador Air District, Amador Fire Protection District, local fire districts, CAL FIRE, California Department of Toxic Substances Control, Central Valley Regional Water Quality Control Board, and Environmental Protection Agency</p>	Ongoing	
<p>4.8-3b: Implement Program D-8, Soils and Geotechnical Evaluation</p> <p>a. The County will require geotechnical evaluation and recommendations in compliance with California Building Code requirements before construction of buildings meant for occupancy.</p> <p>b. The County will provide any available soil shrink-swell information upon request, and ensure appropriate foundation</p>	<p>County Building Department and County Department of Transportation and Public Works</p>	Ongoing	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>elements are included on all projects proposed in areas prone to expansive soils.</p> <p>c. New structures and improvements shall incorporate project features avoiding or minimizing the hazards identified through geotechnical evaluation to the satisfaction of the County.</p>			
<p>4.8-4: Implement Program P-14, Hazardous Materials Tracking</p> <p>a. In order to avoid or substantially reduce hazards related to the use, transport, or disposal of hazardous materials, the County will continue implementing the Certified Unified Program Agency program, identifying businesses using, storing, and/or transporting hazardous materials. The County will continue to monitor these operations, and will require compliance with State and federal laws</p> <p>b. The County will review, revise, and continue permitting and inspection practices for businesses using, storing, and/or transporting hazardous materials, and will provide public agencies (the sheriff, fire departments, California Highway Patrol, and city police departments) with a list of such businesses upon request to encourage hazardous material training before an event occurs.</p>	County Environmental Health Department	Ongoing	
<p>4.8-7a: Implement Program D-2, Fire-Safe Development</p> <p>a. The County will review new development applications in moderate, high, and very high fire hazard severity zones to confirm they meet the standards of the Title 24 Wildland Urban Interface Building Codes and 14 CCR 1270.</p> <p>b. The County will require new structures and improvements to be built to support effective firefighting.</p> <p>c. New development applications in very high fire hazard severity zones shall include specific fire protection plans, actions, and/or comply with Wildland Urban Interface codes for fire engineering features.</p> <p>d. The County will seek fire district input on development applications to allow proposed projects to incorporate fire-safe planning and building measures. Such measures may include (but</p>	County Planning Department, County Building Department, County Department of Transportation and Public Works working with Amador Fire Protection District, local fire districts and CAL FIRE	Ongoing	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>are not limited to) buffering properties, creating defensible space around individual units, using fire-resistant building materials, installing sprinkler systems, and providing adequate on-site water supplies for firefighting.</p> <p>e. Transportation improvements shall incorporate access for firefighting, within and between existing neighborhoods to provide improved connectivity, but also in areas with no structures. Access standards include minimum width, surface, grade, radius, turnaround, turnout, and bridge standards, as well as limitations on one-way roads, dead-end roads, driveways, and gate entrances.</p> <p>f. Where public water is available, the County will consult with water agencies on needs for additional water, water mains, fire hydrants, and related appurtenances needed to meet required fire flow criteria and for sufficient water capacity to serve peak demands of multiple fire engines to protect improvements from wildland fires.</p> <p>g. A 100' setback for defensible space will be required, when possible, for high density multiple-family residential or sensitive uses (e.g., care homes, schools, large day care facilities, etc.) proposed to be located in high or very high fire hazard severity zones.</p>			
<p>4.8-7b: Implement Program F-3: Fire Services Funding</p> <p>a. The County will consult with the Amador Fire Protection District The County will consult with the Amador Fire Protection District to establish funding mechanisms, including impact fees, to offset fire protection costs for new development in areas of high wildfire risk.</p>	<p>County Planning Department working with Amador Fire Protections District</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
4.9 Hydrology and Water Quality			
<p>Mitigation Measure 4.9-1a: Implement Program P-5b, Stormwater Management</p> <p>a. Develop a recommended menu of best management practices (BMPs) to limit soil erosion and runoff from residential, commercial, mining, industrial and hazardous materials sites, which may include (but are not limited to) reduced pavement cover, permeable pavement, and drainage features which increase infiltration and groundwater recharge. The County will require use of some or all of these measures as permit conditions to reduce or avoid adverse erosion, water quality, and hydrology effects, including potential effects on the lifespan of existing water storage facilities. The menu may include low-impact development practices (such as naturalized stormwater management techniques and climate appropriate landscaping) which should be reviewed as part of Program P-1(e).</p>	<p>County Department of Transportation and Public Works, County Building Department, County Planning Department, and County Department of Agriculture</p>	<p>Within 12 months of adoption of General Plan</p>	
<p>Mitigation Measure 4.9-1b: Implement Program P-5a, Stormwater Management</p> <p>a. The County will develop and implement a comprehensive stormwater management program. The objective of this program is to reduce adverse hydrology and water quality impacts by limiting the quantity and increasing the water quality of runoff flowing to the County’s streams and rivers.</p> <p>This program will incorporate stormwater management programs for agricultural land that are developed and maintained within the Amador County Department of Agriculture and follow state agricultural guidelines.</p>	<p>County Department of Transportation and Public Works, County Building Department, County Planning Department, and County Department of Agriculture</p>	<p>Within 12 months of adoption of General Plan</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>Mitigation Measure 4.9-1c: Implement Program P-1e, Zoning Code and Development Regulations</p> <p>a. The County will review its design and improvement standards (in Chapter 17 of the Amador County Code), and modify codes and specifications as needed to provide for the use of low impact development techniques. The objective of these changes is to maintain the County’s surface- and groundwater quality.</p>	<p>County Planning Department, County Building Department, and County Department of Transportation and Public Works</p>	<p>Within 12 to 24 months of adoption of General Plan</p>	
<p>Mitigation Measure 4.9-2: Implement Program P-1c, Zoning Code and Development Regulations</p> <p>a. The County will adopt development regulations with the objective of reducing the potential for erosion and landslides. These regulations include requirements to avoid locating development on a geologic unit or soil that is unstable or would become unstable as a result of the project. The regulations will also include site grading standards to avoid making unstable slopes steeper.</p>	<p>County Planning Department, County Building Department, Department of Transportation and Public Works, and County Environmental Health Department</p>	<p>Within 12 to 24 months of adoption of General Plan</p>	
<p>Mitigation Measure 4.9-3: Implement Program D-5, Stormwater Protection</p> <p>a. Prior to the approval of project construction and grading activities, project applicant(s) shall prepare a Stormwater Pollution Prevention Plan consistent with the statewide National Pollution Discharge and Elimination System stormwater permit for general construction activity. Project applicant(s) shall also prepare and submit the appropriate Notices of Intent and any other necessary engineering plans and specifications for pollution prevention and control (including a Stormwater Pollution Prevention Plan) to Amador County and the Central Valley Regional Water Quality Control Board. Where practical, stormwater management requirements related to the County’s comprehensive stormwater management program (described in Program P-5) may be incorporated into the SWPPP. The objective of this program is to reduce or avoid impacts related to stormwater pollution.</p> <p>b. Where required by law, best management practices (identified in the Stormwater Pollution Prevention Plan shall be in place throughout all site work.</p>	<p>County Department of Transportation and Public Works and County Building Department</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
c. All construction contractors shall retain a copy of the approved Stormwater Pollution Prevention Plan on the construction site, when required by law.			
<p>Mitigation Measure 4.9-4a: Implement Program F-2a, Future Water Supplies and Funding</p> <p>a. In consultation with the County’s water suppliers and local agencies, the County will identify and pursue alternative funding sources for projects that improve water resources and management in Amador County.</p>	County Planning Department in consultation with water suppliers	Ongoing, as requested by water suppliers	
<p>Mitigation Measure 4.9-4b: Implement Program P-3 a1-3 and b, Future Water Supply</p> <p>a. The County will provide input to water providers in their efforts to plan for coordinated response to future water demand, and future water supply emergencies, including needed capacity during wildfires, and droughts. These efforts would include integrated regional water management plans (addressing surface and groundwater resource, wastewater, stormwater treatment and use, development of reclaimed water, and flooding). These plans should include information on areas with water service capacity. The objective of this planning effort is to assure sufficient reliable water supplies are available to serve new projects, as well as existing and planned development. This planning effort will include:</p> <ol style="list-style-type: none"> 1. Planning for adequate water supply and water treatment capacity to support future development. 2. Development and implementation of reasonable best management practices for water conservation. These may include (but are not limited to) use of graywater, reclaimed, or recycled water for irrigation, water-conserving plumbing fixtures, and low-water landscapes. 3. Development of water-use standards and regulations to limit demands during water supply emergencies and droughts. 	County Planning Department, County Department of Transportation and Public Works, and County Environmental Health Department	Ongoing; Urban Water Management Plans updated at 5-year intervals	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
b. The County will consult with water suppliers as they pursue water and wastewater plans to develop adequate water supplies through expansion of surface water storage, conjunctive use of surface water and groundwater, water conservation, and water recycling.			
Mitigation Measure 4.9-4c: Adequate Water Supply a. Where required by State law, the County shall prepare water supply assessments pursuant to the California Water Code (§10910-10915) at the applicants’ expense to analyze the ability of water supplies to meet the needs of regulated projects, The County shall not approve projects which cannot demonstrate an adequate water supply.	County Planning Department	Ongoing	
Mitigation Measure 4.9-5a: Implement Program P-4, Flood Planning a. In order to avoid or substantially reduce the risk that flooding poses to people and property, the County will conduct an annual review of the floodplain map shown in Figure S-1 of the Safety Element, comparing Figure S-1 to flood mapping available from state and federal agencies such as the Federal Emergency Management Agency and the Department of Water Resources. The purpose of this review is to ensure changes are noted and corresponding portions of the General Plan, including land use designations if necessary, are revised. b. The County will update flood protection policies and programs in the General Plan and applicable land use regulations (including the Zoning Code) to integrate data from the State Plan of Flood Control and the Central Valley Flood Protection Plan on an annual basis, if required, based on the annual review. For flood-related revisions to the Safety Element, the County will consult with relevant agencies serving the County, consistent with State law. Subsequent subdivision approvals, development agreements, permits, and other County entitlements will incorporate these revised policies and regulations. c. The General Plan’s description of locations which may accommodate floodwater for groundwater recharge and stormwater management will be updated following subsequent annual reviews, as necessary.	County Planning Department, County Department of Transportation and Public Works, County Building Department, and County Office of Emergency Services	Annually, concurrent with General Plan report, or as specified	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>Mitigation Measure 4.9-5b: Implement Program P-1b, Zoning Code and Development Regulations</p> <p>a. The County will update development regulations to require on-site retention and detention of stormwater, with the objective of avoiding potential increases in downstream flood flows. The County will not regulate stormwater retention and detention to a greater degree than state or federal requirements, unless it is determined by the Board of Supervisors that a clear and overarching need exists.</p>	County Planning Department, County Building Department, and County Department of Transportation and Public Works	Ongoing	
<p>Mitigation Measure 4.9-5c: Implement Program D-1a(11), Development Proposal Evaluation</p> <p>a. The County will review proposed projects for consistency with goals, policies, and implementation programs of this general plan. Evaluation criteria for discretionary development proposals include:</p> <ul style="list-style-type: none"> ▶ Proximity to and compatibility with flood prone areas. In order to substantially reduce or avoid flood hazards, no development (as defined in 15.16.050 of the Amador County Code) may be proposed in floodways, and floodproofing must be adequate (including elevation above 100-year flood stage) for all developed uses proposed within the floodplain. 	County Planning Department, County Department of Transportation and Public Works, and County Environmental Health Department	Ongoing	
4.11 Noise			
<p>4.11-1a: Implement Program D-11(m), Noise Standards</p> <p>All construction equipment shall be properly maintained per manufacturers' specifications and fitted with the best available noise suppression devices (e.g., mufflers, silencers, wraps); all impact tools will be shrouded or shielded; and all intake and exhaust ports on power equipment will be muffled or shielded.</p>	County Planning Department	Ongoing	
<p>4.11-1b: Construction Noise Abatement</p> <p>The County will require the use of noise control techniques during construction activities to avoid effects on nearby sensitive</p>	County Planning Department	Ongoing	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
receptors. In addition to properly maintained construction equipment, these techniques may include temporary construction sound barriers adjacent to construction noise sources or receptors when all other feasible methods fail to reduce construction noise to acceptable levels.			
<p>4.11-2: Implement Program D-11(h), Noise Standards</p> <p>During review of development proposals by the Land Use Agency and CEQA review, the County will apply noise standards from Tables N-3 and N-4 in the Noise Element. New developments proposing noise-sensitive land uses in areas exposed to existing or projected noise levels from transportation and other noise sources shall incorporate noise control techniques, including but not limited to those identified in Table N-2 [Table 4.11-12] to reduce noise exposure in outdoor activity areas and interior spaces to acceptable levels, as specified in Tables N-3 [Table 4.11-1] and N-4 [Table 4.11-2] of the Draft General Plan.</p>	County Planning Department, County Building Department	Ongoing	
<p>4.11-4 Implement Program D-11(i), Noise Standards</p> <p>The County will require the evaluation of railroad noise impacts for any proposed residential or other sensitive use development located within 750 feet of a railroad corridor. The evaluation shall include potential for waking associated with rail movement and horn blowing.</p>	County Planning Department	Ongoing	
<p>4.11-5a: Implement Program D-11(c), Noise Standards</p> <p>Where legally permitted, the County will require that the newest land use is responsible for mitigating noise, whether as a generator or sensitive receptor. If a new use that generates noise is proposed adjacent to lands zoned for uses that may be sensitive to noise (i.e., residential neighborhoods), then the noise-generating use is responsible for mitigating noise consistent with Noise Element Tables N-3 [Table 4.11-1] and N-4 [Table 4.11-2] standards along the property line of the affected land use. Where sensitive uses are proposed near noise sources or lands with zoning that would permit new noise sources, these new uses are responsible for</p>	County Planning Department	Ongoing	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
mitigating their noise exposure consistent with the standards in Tables N-3 and N-4 of the Noise Element. The County seeks to protect the continued viability of economically valuable activities that produce noise (including farm operations, mining activities, commercial and industrial facilities, and airports).			
<p>4.11-5b: Implement Program D-11(d), Noise Standards</p> <p>During review of development proposals, the County will apply daytime and nighttime land use/noise environment standards at the property line of the source as shown in Table N-4 [Table 4.11-2] of the Noise Element for non-transportation sources.</p>	County Planning Department	Ongoing	
<p>4.11-5c: Implement Program D-11(e), Noise Standards</p> <p>During review of development proposals, the County will apply the standards in Table D-11-1 [Table 4.11-10]. These standards identify what changes to ambient noise levels at the property line of a sensitive receptor will be considered to be significant noise increases. Land uses within the County that are considered to be noise-sensitive include any residential property or residential unit located within a vertical mixed-use development on a single-parcel, residential divisions of land, residential land use designations, schools, churches, hospitals, care facilities, libraries, and auditoriums.</p>	County Planning Department	Ongoing	
<p>4.11-5d: Implement Program D-11(f), Noise Standards</p> <p>During review of development proposals by the Land Use Agency and CEQA review, the County will apply the noise standards identified in Table N-3 [Table 4.11-1], as measured at the property line. These standards limit acceptable periodic noise increases to the levels shown in Table D-11-2 [Table 4.11-13].</p>	County Planning Department	Ongoing	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.11-6: Implement Program D-11(j), Noise Standards</p> <p>The County will require that development proposals in the vicinity of airports/airstrips, including Westover Field and Eagle’s Nest Airport, demonstrate compatibility with current and projected airport noise levels for each facility (including the Airport Land Use Plan) in accordance with the noise standards presented in Table N-3 [Table 4.11-1] of the Draft General Plan.</p>	County Planning Department working with the Airport Land Use Commission	Ongoing	
<p>4.11-7a: Construction Vibration Setbacks</p> <p>The County will require that development proposals that would potentially generate construction vibration in proximity to vibration sensitive receptors (structures and humans), employ appropriate setback distances for operating construction equipment and vehicles to reduce vibration levels below the recommended FTA and Caltrans guidelines of 80 VdB and 0.2 in/sec PPV, respectively when located within 500 feet and 300 feet of impact pile drivers, and within 70 feet and 45 feet of large bulldozers (and other heavy-duty construction equipment). Construction vibration impact and mitigation, including site-specific setback distances based on the project’s anticipated vibration would be determined during project-specific CEQA review.</p>	County Planning Department ,County Building Department, County Department of Transportation and Public Works	Ongoing	
<p>14.11-7b: Mining Operation Vibration Setbacks</p> <p>The County will require mining development proposals that would potentially generate vibration in proximity to vibration sensitive receptors (structures and humans), to employ appropriate setback distances for operating construction equipment and vehicles to reduce vibration levels below the recommended FTA and Caltrans guidelines of 80 VdB and 0.2 in/sec PPV, respectively. Vibration impact and mitigation, including site-specific setback distances based on the project’s anticipated vibration, would be determined during project-specific CEQA review.</p>	County Planning Department	Ongoing	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
4.13 Public Services and Utilities			
<p>4.13-1a: Implement Program D-1a(4-5), Development Proposal Evaluation</p> <p>a. The County will review proposed projects for consistency with goals, policies, and implementation programs of this general plan. Evaluation criteria for discretionary development proposals include:</p> <p>4. Availability of public water and wastewater, and ability to connect to existing water and wastewater systems. The objective of this program is to avoid impacts related to lack of reliable water supply, including sufficient water for fire hydrant flow criteria, or wastewater service. If feasible, new units will be required to connect to nearby existing water or wastewater systems. Project applicants must demonstrate the availability of water supply, water treatment capacity and wastewater treatment.</p> <p>If increased water or wastewater capacity is required, applicants must pay their fair share of the necessary improvements. Where septic or connection to an existing wastewater system is not feasible, the County will require new development to demonstrate a means of wastewater collection, treatment, and reuse or disposal will be created that would be operated by an approved entity with adequate technical, financial, and managerial resources to assure safe and effective operation. Any such proposed method shall be consistent with goals and objectives of the general plan as well as any planning goals of the operating entity.</p> <p>5. Availability of water and septic capacity. For projects being served by private well and septic systems, the applicant must demonstrate the availability of sufficient water and septic treatment capacity in accordance with the County's Code.</p>	<p>County Planning Department, County Department of Transportation and Public Works, and County Environmental Health Department, working with Amador Fire Protection District and water and wastewater agencies</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.13-1b: Implement Program P-3, a1-3 and b, Future Water Supply</p> <p>a. The County will provide input to water suppliers in their efforts to plan for coordinated response to future water demand, and future water supply emergencies, including needed capacity during wildfires, and droughts. These efforts would include integrated regional water management plans (addressing surface and groundwater resource, wastewater, stormwater treatment and use, development of reclaimed water, and flooding). These plans should include information on areas with water service capacity. The objective of this planning effort is to assure sufficient reliable water supplies are available to serve new projects, as well as existing and planned development. This planning effort will include:</p> <ol style="list-style-type: none"> 1. Planning for adequate water supply and water treatment capacity to support future development. 2. Development and implementation of reasonable best management practices for water conservation. These may include (but are not limited to) use of graywater, reclaimed, or recycled water for irrigation, water-conserving plumbing fixtures, and low-water landscapes. 3. Development of water-use standards and regulations to limit demands during water supply emergencies and droughts. <p>b. The County will consult with water suppliers as they pursue water and wastewater plans to develop adequate water supplies through expansion of surface water storage, conjunctive use of surface water and groundwater, water conservation, and water recycling.</p>	<p>County Planning Department, County Building Department, County Department of Transportation and Public Works, and County Environmental Health Department, working with water agencies</p>	<p>Ongoing; Urban Water management Plans updated at 5-year intervals</p>	
<p>4.13-1c: Implement Program F-1, Infrastructure Improvements</p> <p>a. In order to assure that adequate infrastructure is in place to support existing and planned development, the County will consult with water and wastewater providers to support development of new treatment facilities or conveyance systems to minimize:</p> <ol style="list-style-type: none"> 1. Disposal by leach field in areas of marginal soils or site 	<p>County Planning Department, County Department of Transportation and Public Works, and County Environmental Health Department</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>conditions which may lead to degrading groundwater quality.</p> <ol style="list-style-type: none"> 2. Potential threats to water resources or the public from wastewater treatment system failures. 3. The risk of loss of life or property due to inadequate water infrastructure that serves fire hydrants. <p>b. The County will maintain and improve existing drainage and stormwater infrastructure. Where right-of-way is available, new drainage and stormwater infrastructure may be developed as needed. The County will explore consolidation of this function to a single County department or responsible agency. When maintaining or developing drainage and/or stormwater infrastructure, the County will consider vector control needs.</p> <p>c. The County will consult with businesses interested in expanding existing operations or establishing new operations regarding installation of necessary infrastructure improvements. County actions may include:</p> <ol style="list-style-type: none"> 1. Share existing engineering studies and plans (in conjunction with Amador Water Agency and other water providers) on water supply and treatment capacities, wastewater collection, conveyance and treatment capacities, stormwater drainage and roadway improvements. 2. Consult with project applicants where County improvement plans call for extension or upgrades to infrastructure. 3. Consider financing options to assist applicants in providing necessary infrastructure, including tax credits, deferred fee payment programs, reimbursement of costs for infrastructure improvements and amortization of infrastructure fees. 4. Allow for phased extension or upgrades to infrastructure in conjunction with approved phasing plans for site development. 	<p>working with wastewater providers, including Amador Water Agency, Amador Regional Sanitation Authority</p>		

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.13-1d: Implement Program F-2a-c & e, Future Water Supplies and Funding</p> <p>a. In consultation with the County’s water suppliers and local agencies, the County will identify and pursue alternative funding sources for projects that improve water resources and management in Amador County.</p> <p>b. Consult with Amador County water purveyors to find adequate water for agricultural users. Agricultural water users should be encouraged to utilize surface water supplies, reclaimed water or treated wastewater. Encourage water purveyors to develop an agricultural water fee scale.</p> <p>c. Consult with Amador County water purveyors to retain access to water rights and both existing and potential points of diversion on all rivers and waterways within the County.</p> <p>d. Encourage local, state and federal water development projects beneficial to Amador County and work to develop additional water rights.</p>	<p>County Planning Department, working with water suppliers, including Amador Water Agency</p>	<p>Ongoing, as requested by water suppliers</p>	
<p>4.13-5a: Implement Program P-6, Effective County Services</p> <p>a. In order to evaluate and maintain the effectiveness of County services, The County will develop service standards for library, public safety, fire response, emergency response, human, and social services. Actual performance will be compared to these standards on an annual basis, and results presented to the Board of Supervisors, with recommendations for action if necessary.</p> <p>b. Develop a standard for public safety staffing, facilities, and equipment. Based on the cost of maintaining this standard, the County will establish a program consistent with the Mitigation Fee Act to levy proportional impact fees on new development proposals.</p>	<p>All County Departments and County Administrative Officer</p>	<p>During annual budget process or other similar fiscal or review process, as determined appropriate.</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.13-5b: Implement Program P-12, Emergency Response</p> <p>a. In order to maintain effective emergency and disaster response and reduce hazards related to fire, flood, and public safety emergencies, the County will implement and periodically update disaster plans, including the Multi-Hazard Mitigation Plan and Emergency Operations Plan, to meet federal, state, and local emergency requirements. This effort will include planning to coordinate response actions, and the identification and planning for evacuation routes for dam failure, wildfire, and flooding.</p> <p>b. The County will regularly assess the resources needed to effectively respond to disaster situations, and ensure proper staffing levels at emergency response agencies.</p> <p>c. The County will regularly assess the operational integrity of essential public facilities during emergencies, including flood emergencies, and identify actions to maintain operations, as necessary.</p> <p>d. The County will update equipment and training as necessary, including adopting training standards that meet or exceed state and national standards.</p> <p>e. The County will develop its capability to handle mass shelters in case of major disasters by maintaining a list of appropriate emergency shelter locations. These sites should be well connected to evacuation routes.</p>	<p>County Office of Emergency Services, Sheriff’s Department, and Police Departments</p>	<p>Ongoing</p>	
<p>4.13-5c: Implement Program D-1a(3), Development Proposal Evaluation</p> <p>a. The County will review proposed projects for consistency with goals, policies, and implementation programs of this general plan. Evaluation criteria for discretionary development proposals will include:</p> <ul style="list-style-type: none"> ▶ Adequate provision of emergency services, including fire services. Applicants must demonstrate that emergency services meeting the County’s standards (see Program P-6 [Effective County Services]) can be provided to the proposed project. The 	<p>County Planning Department, County Department of Transportation and Public Works, and County Environmental Health Department, working with Amador Fire Protection District</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
objective of this program is to avoid or substantially reduce impacts to public services.			
<p>4.13-5d: Implement Program F-3, Fire Services Funding</p> <p>a. The County will consult with the Amador Fire Protection District to establish funding mechanisms, including impact fees, to offset fire protection costs for new development in areas of high wildfire risk.</p>	County Planning Department, working with Amador Fire Protection District	Ongoing	
<p>4.13-9a: Implement Program F- 1b, Infrastructure Improvements</p> <p>b. The County will maintain and improve existing drainage and stormwater infrastructure. Where right-of-way is available, new drainage and stormwater infrastructure may be developed as needed. The County will explore consolidation of this function to a single County department or responsible agency. When maintaining or developing drainage and/or stormwater infrastructure, the County will consider vector control needs</p>	County Environmental Health Department and County Department of Transportation and Public Works	Ongoing	
<p>4.13-9b: Implement Program P-5, Stormwater Management</p> <p>a. The County will develop and implement a comprehensive stormwater management program. The objective of this program is to reduce adverse hydrology and water quality impacts by limiting the quantity and increasing the water quality of runoff flowing to the county's streams and rivers. This program will incorporate stormwater management programs for agricultural land that are developed and maintained within the Amador County Department of Agriculture.</p> <p>b. Develop a recommended menu of best management practices (BMPs) to limit soil erosion and runoff from residential, commercial, mining, industrial and hazardous materials sites, which may include (but are not limited to) reduced pavement cover, permeable pavement, and drainage features which increase infiltration and groundwater recharge. The County will require use of some or all of these measures as permit conditions to reduce or avoid adverse erosion, water quality, and hydrology effects,</p>	County Department of Transportation and Public Works, County Building Department, County Planning Department, and County Department of Agriculture	Within 12 months of adoption of General Plan.	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
including potential effects on the lifespan of existing water storage facilities. The menu may include low-impact development practices (such as naturalized stormwater management techniques and climate appropriate landscaping) which should be reviewed as part of Program P-1(e).			
4.14 Transportation			
<p>4.14-1a: Implement Program D-1a(6), Development Proposal Evaluation</p> <p>a. The County will review proposed projects for consistency with goals, policies, and implementation programs of this general plan. Evaluation criteria for discretionary development proposals (Program D-1a(6) shall also apply to ministerial development proposals) include:</p> <ul style="list-style-type: none"> Impact on traffic and transportation infrastructure and provision of alternative transportation. The County will continue to require developments to pay into the traffic mitigation fee program(s) to mitigate impacts to roadways. The County will require future ministerial and discretionary projects that exceed threshold traffic volumes to conduct traffic studies (following Amador County Traffic Impact Study Guidelines). The purpose of these traffic studies will be to identify and mitigate any cumulative or project impacts (roadways below the County’s standard of LOS C for rural roadways, and LOS D for roadways in urban and developing areas) beyond the limits of the mitigation fee program(s). Projects will be required to mitigate their identified offsite impacts by constructing improvements and/or pay a “fair share” of those improvements that would be required to mitigate impacts outside the established mitigation fee program(s) (See Program F-4). [see Mitigation Measure 4.14 1b, below] The objective of this program is to substantially reduce or avoid traffic impacts, including cumulative impacts, of development which would occur to implement the General Plan. 	County Planning Department and County Department of Transportation and Public Works	Ongoing	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.14-1b: Implement Program F-4, Transportation Improvements</p> <p>a. Maintain the Regional and Local Traffic Impact Fee programs so that new transportation needs (including bicycle and pedestrian needs) generated by new development are paid for by the development on a proportional basis. Increased roadway capacity should be funded through developer fees to the extent legally possible.</p> <p>b. Use the County’s annual Capital Improvement Program (CIP) process to prioritize, fund, and build required roadway improvements, and to address phasing and construction of circulation infrastructure throughout the County. Coordinate CIP priorities with the Regional Transportation Plan (RTP) and planned improvements to Caltrans facilities,</p> <p>c. Use the established CIP process to implement the circulation system shown on the Circulation Diagram (Figure CM-1). The County will secure funding for roadway improvements, will design and build new roadways, and will complete roadway repairs and improvements. Future roadways must meet the County’s roadway classification design specifications and performance criteria.</p> <p>d. For those projects that require a traffic study per Mitigation Measure 4.14-1a, and which identify required roadway improvements that are not included in the current RTP or CIP at the time, a fair-share fee calculation shall be conducted to identify the applicable fair-share requirements for the identified improvement(s). The results of the fee calculation shall be paid and accounted for in a special account to fund the identified improvement(s), as applicable. The special account list for fair share funded improvement projects shall be posted or reported on a yearly basis to reflect total fair share contributions of the development projects to the identified traffic improvement(s).</p> <p>e. Review the Regional and Local Traffic Impact Fee program and the CIP process to ensure that bicycle and pedestrian improvements, goods movement, and transit facilities are represented to provide for the provision of Complete Streets.</p>	<p>County Department of Transportation and Public Works, and County Planning Department</p>	<p>Ongoing</p>	

Table 1 Summary of Mitigation Measures, Responsible Parties, and Timing			
Mitigation Measure	Implementing Agency	Timeframe for Implementation	Monitoring Compliance (Provide Name/Date)
<p>4.14-1c: Implement State Highway Roadway Improvements</p> <p>a. Caltrans has ultimate jurisdiction for implementing improvements—such as addition of travel lanes, turn lanes, or construction of bypasses—on State highways. The County will work with Caltrans and ACTC to implement roadway improvements required to meet Caltrans LOS standards on the identified segments of SR 16, SR 49, SR-88, and SR 104, to the extent feasible. These improvements consist of:</p> <ul style="list-style-type: none"> • Improving SR 16 to four lanes throughout the County. • Improving SR 49 to four lanes from French Bar Rd in Jackson to Bush Street in Plymouth • Improving SR 88 to four lanes throughout the County. • Provide a new two-lane Ione bypass facility on SR 104, on an alignment north of the City of Ione between existing SR 104 west of Ione and SR 88 near Jackson Valley Road (east). 	<p>County Department of Transportation and Public Works as lead agency, in coordination with Caltrans and ACTC</p>	<p>Long Range (2020 or beyond)</p>	
<p>4.14-2: Implement Local Roadway Improvements</p> <p>a. The County will consult with ACTC to implement roadway improvements as required to meet the County’s LOS standard (LOS C outside cities and developed communities, and LOS D within cities and developed communities). Typical improvements to be implemented may include (but are not limited to):</p> <ul style="list-style-type: none"> • Shoulder widening, lane widening, addition of left turn lanes or passing lane, and other intersection improvements to improve traffic carrying capacity; • Addition of left-turn lanes and other intersection improvements to improve intersections and major access points; and • Widening roadways from two lanes to four lanes 	<p>County Department of Transportation and Public Works working with ACTC</p>	<p>Long Range (2020 to 2030)</p>	