

Appendix C
Mitigation Monitoring Plan

Table 1. Mitigation Monitoring Plan

Mitigation Measure	Implementation Method/ Monitoring Action	Mitigation Timing	Monitoring Party/ Parties
Aesthetics			
<p>Measure 3.1.1a: The external appearance of the proposed project facilities, including the choice of color and materials, shall seek to reduce the visual impact of the proposed facilities. Bright reflective materials and colors shall be avoided in favor of colors that blend into the natural environment, mimic an agricultural scale structure or nearby commercial structures.</p>	<p>Include in working drawings</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>
<p>Measure 3.1.1b: The AOC shall develop a landscaping plan that utilizes native vegetation to shield facilities from nearby sensitive receptors to the extent feasible.</p>	<p>Include in working drawings</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>
<p>Measure 3.1.1c: Design and construction of the proposed project will be compatible with, rather than imposed on, the landscape and environment by minimizing the amount of grading and topographical alteration it necessitates. Project design and construction will be compatible with County guidelines for new development on hillsides and hilltops and along scenic routes. Specifically, the following guidelines will be applied:</p> <p>Hillside and Hilltop Guidelines—3B. Structural Design: Screen exterior mechanical equipment on roofs, buildings, and the ground balance horizontal elements of structures with vertical accent elements to avoid single-form, monotonous, or bulky structures; and design structures to blend with the hillside by limiting heights to 3 stories. Integrate structures into the natural landscape by using forms and materials which blend with the texture of the environment, using colors similar to those in the surrounding environment, and using native materials wherever possible.</p> <p>Hillside and Hilltop Guidelines—3E . Fence Design: Use solid fencing sparingly. Fencing not intended for security purposes should be made of materials that are non-glaring, mimic native materials, and compatible with Tuolumne County's historic character and natural environment.</p> <p>Scenic Routes Guidelines—C. Screening: Give priority to the use of existing topography, landforms and vegetation to screen the proposed development from scenic route SR 108 over other means such as planting new vegetation or constructing artificial berms.</p> <p>Scenic Routes Guidelines— D. Minimize Topographic Alteration: Grading of a development site shall minimize alteration of the natural terrain. Roads, buildings and other structural improvements will be designed and constructed to fit the natural topography and minimize the modification of existing landforms to the extent feasible. Grading operations shall be designed to avoid native vegetation, especially mature trees, significant landforms and rock outcroppings which define the rural setting and can provide substantial screening.</p>	<p>Include in working drawings</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>

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<p>Scenic Routes Guidelines— F. Preserve Rural Character: Natural vegetation will be maintained wherever possible for use in screening improvements. Tree removal should be minimized and done only where no feasible alternative exists for construction or access or is required for safety.</p> <p>Scenic Routes Guidelines— I. Roofs: Roofing materials and colors compatible with the natural setting will be used in the proposed development. If metal roofing is utilized, non-reflective colors shall be used.</p>			
<p>Measure 3.1.2: The project shall incorporate into all construction contracts for the proposed project and ensure implementation of the following measures:</p> <ul style="list-style-type: none"> • Construction staging areas shall be onsite and remain clear of all trash, weeds and debris, etc. • Construction staging areas shall be located in areas onsite that limit visibility from SR 108 and surrounding land uses to the extent feasible. 	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC's Construction Inspector</p>
<p>Measure 3.1.4a: All outdoor light sources shall be properly shielded and installed to prevent light trespass on adjacent properties. Any flood or spot lamps must be aimed no higher than 45 degrees above straight down (half-way between straight down and straight to the side) when the source is visible from any offsite residential property or public roadway. Dark sky lighting techniques, including light shielding to prevent spill and fixtures for parking and walkways that direct all light to the ground, will be incorporated into the project.</p>	<p>Include in working drawings</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>
<p>Measure 3.1.4b: The proposed project facilities shall be painted with flat colors to reduce or eliminate glare.</p>	<p>Include in working drawings</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>
Air Quality			
<p>Measure 3.3.1a: Reduce Construction Emissions. The AOC shall implement the following measures to reduce fugitive dust emissions:</p> <ul style="list-style-type: none"> • Identify areas of serpentine rock prior to construction. Should serpentine or ultramafic rock be found on site during a geologic review of the grounds or during construction, submit a Dust Mitigation Plan pursuant to District Rule 908 – Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying and Surface Mining Operations, to the Tuolumne County Air Pollution Control District Air Pollution Control Officer (see also Mitigation Measure 3.3.1b); • Comply with Tuolumne County Air Pollution Control District Regulation III (Open Burning); • Prohibit open burning of vegetation or all vegetation that can either be recycled on site or transferred to a green waste recycling site or to a biomass burning facility for use in steam/electrical generation. • When conditions are conducive to dust generation, water all active construction areas at least twice daily; 	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC's Construction Inspector</p>

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<ul style="list-style-type: none"> Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard (i.e., the minimum required space between the top of the load and the top of the trailer); When conditions are conducive to dust generation, pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas and staging area; Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for ten days or more); Enclose, cover, water twice daily, or apply (non-toxic) soil stabilizers to exposed stockpiles (dirt, sand, etc.); Limit traffic speeds on unpaved roads to 15 miles per hour; Install erosion control measures to prevent silt runoff to public roadways; Limit track out and prevent fugitive dust. Replant vegetation in disturbed areas as quickly as possible; and Designate a person or persons to oversee the implementation of a comprehensive dust control program and to increase watering, as necessary. 			
<p>Measure 3.3.1b: Serpentine Rock Control. The following conditions shall be implemented to reduce potential exposure to serpentine rock:</p> <p>The AOC will secure the Tuolumne County Air Pollution Control District Air Pollution Control Officer’s approval of an Asbestos Dust Mitigation Plan before the start of any construction or grading (refer to Section 93105 (e)(4) of the California Health and Safety Code or contact the Air Pollution Control District).</p> <p>Conditions to be met during the building and road construction phase of the proposed project:</p> <ul style="list-style-type: none"> Exposed serpentine gravel is prohibited on the project site, unless exempted pursuant to Sections 93106 and 93105(f) of the California Health and Safety Code. No person shall use, apply, sell, supply, or offer for sale or supply any restricted material (as defined in subsection (i)(20) of Section 93105) for surfacing, unless it has been tested and determined to have an asbestos content that is less than 0.25 percent. Pavement shall be required for any road, driveway or parking area utilizing serpentine gravel (California Health and Safety Code, Sections 93105 and 93106). The following shall apply, unless specifically exempted for this area, pursuant to the “Asbestos Airborne Toxic Control Measures for Construction, Grading, Quarrying, and Surface Mining Operations” (Asbestos ATCM) by the Air Pollution Control District Officer, as codified in Section 93105 of the California Health and Safety Code. Any construction activities, road construction, road maintenance, or grading that disturbs naturally occurring asbestos, serpentine, or ultramafic rock shall be subject to the Asbestos ATCM, unless specifically exempted under Sections (c) or (d)(3) of said regulation. All dust mitigation requirements shall be implemented and maintained throughout the duration of the construction or grading activity. <ul style="list-style-type: none"> Requirements for Road Construction and Road Maintenance Activities: 1. Equipment and operations must not cause any visible dust crossing project boundaries; 2. Unpaved roads, areas subject to vehicle traffic, storage piles, and disturbed areas shall be kept adequately wetted, treated with dust suppressants, or covered with material that contains less than 0.25% asbestos; 3. Construction vehicle speeds shall be limited to 15 mph; and 4. Track out from any road construction project is prohibited on any paved public roadway. 	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC’s Project Manager</p>
	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC’s Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC’s Construction Inspector</p>

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<ul style="list-style-type: none"> ○ Construction and Grading Activities shall comply with the Asbestos Dust Mitigation Plan submitted to and approved by the Air Pollution Control Officer as referenced in Section 93105 (e)(4) of the California Health and Safety Code. 			
<p>Measure 3.3.1c: Exhaust Emission Reduction. All Air Resources Board mobile and portable equipment regulations shall be complied with during construction activities and operation of the project.</p>	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC's Construction Inspector</p>
<p>Measure 3.3.3: Toxic Air Contaminants Control Measure. Any stationary prime or emergency standby diesel fueled engine used for electrical generation purposes during operation of the project shall comply with Section 93115, Title 17 - California Code of Regulations, <i>Airborne Toxic Control Measure for Stationary Compression Ignition Engines</i>.</p>	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC's Construction Inspector</p>
	<p>Ensure compliance with specifications</p>	<p>During courthouse operations</p>	<p>AOC's Facility Manager</p>
Biological Resources			
<p>Measure 3.4.1b-2: All proposed project-related activities, including equipment storage and staging areas, shall occur within the proposed project site or within existing off-site roadways.</p>	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC's Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC's Construction Inspector</p>

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<p>Measure 3.4.1c: Burrowing Owl. The AOC will conduct pre-construction surveys for burrowing owls during the breeding season and the non-breeding season prior to any construction activities. The pre-construction surveys in suitable nesting habitat shall extend for 250 feet of project activities prior to construction that will occur between February 1 and August 31 (breeding season), and for 165 feet of project activities that will occur between September 1 and March 31 of any given year (non-breeding season). Surveys shall conform to California Department of Fish and Game (CDFG) burrowing owl recommendations (CDFG, 1995). Burrowing owl surveys shall be conducted in both the breeding and non-breeding season. If active burrows are recorded within 165 feet of project activities the AOC will consult with CDFG regarding suitable measures to avoid impacting breeding effort. Measures may include, but are not limited to:</p> <ul style="list-style-type: none"> • Maintaining a 250-foot buffer around each active owl burrow during the breeding season, and a 165-foot buffer during the non-breeding season; no construction activities shall be permitted within this buffer except as a result of consultation with CDFG. • Depending on conditions specific to each burrow, and the relative location and rate of construction activities, it may be feasible for construction to occur as planned within the buffer without impacting the breeding effort. In this case (to be determined in consultation with CDFG), the burrow(s) shall be monitored by a qualified biologist during construction within the buffer. If, in the professional opinion of the monitor, the project would impact the burrow, the biologist shall immediately inform the AOC’s project manager, construction inspector, and environmental analyst and CDFG. The project manager or construction inspector shall stop construction activities within the buffer until either the burrow is no longer active or the project receives approval to continue from CDFG. • If avoidance of occupied burrows is infeasible for project related construction activities, on-site passive relocation techniques approved by CDFG shall be used to encourage owls to relocate to suitable burrows outside of the impact area. 	<p>Include in environmental services contract</p>	<p>During preparation of preliminary plans, working drawings documents, and bid documents</p>	<p>AOC’s Environmental Analyst and Project Manager</p>
	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC’s Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC’s Construction Inspector</p>
<p>Measure 3.4.1d: Pallid bat, Western Red Bat, and Hoary Bat. No construction shall take place after sunset or before sunrise. The AOC shall retain a qualified biologist to conduct surveys prior to construction activities of suitable bat habitat within the proposed project impact area site to determine the presence of special-status bats. The qualified biologist shall inspect any snags measuring at least 20 inches diameter at breast height for potential bat use prior to removal. If the surveys identify pallid bat, red bat, hoary bat, or other sensitive bat species, then the AOC shall consult the California Department of Fish and Game (CDFG) to determine appropriate avoidance, minimization, and/or compensation measures. Such measures, as required by CDFG, may include implementing work-hour restrictions for construction activities, establishing a 50-foot construction avoidance buffer around identified roost trees, or use of exclusionary netting. If none of these species are found within the project site, then no additional mitigation measures would be required for impacts to special-status bat species.</p>	<p>Include in environmental services contract</p>	<p>During preparation of preliminary plans, working drawings documents, and bid documents</p>	<p>AOC’s Environmental Analyst and Project Manager</p>
	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC’s Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC’s Construction Inspector</p>

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<p>Measure 3.4.1e: Nesting Raptors and Migratory Songbirds. If construction will commence between March 15 and September 15, the AOC shall be conduct pre-construction surveys by a qualified biologist for tree-nesting raptors and migratory songbirds within 30 days prior to construction. All suitable nesting habitat for tree nesting raptors and migratory songbirds shall be surveyed within 1,000 feet of the proposed project impact area. If active nests are recorded within these buffers the AOC shall:</p> <ol style="list-style-type: none"> Maintain a 500-foot buffer around each active raptor or migratory songbird nest; no construction activities shall be permitted within this buffer except as a result of consultation with California Department of Fish and Game (CDFG). Depending on conditions specific to each nest, and the relative location and rate of construction activities, it may be feasible for construction to occur as planned within the buffer without impacting the breeding effort. In this case (to be determined in consultation with CDFG), the nest(s) shall be monitored by a qualified biologist during construction within the buffer. If the biologist believes the project will affect the nest, the biologist shall immediately inform the project manager or construction inspector and CDFG. The project manager or construction inspector shall stop construction activities within the buffer until either the nest is no longer active or the project receives approval to continue from CDFG. 	Include in environmental services contract	During preparation of preliminary plans, working drawings documents, and bid documents	AOC's Environmental Analyst and Project Manager
	Include in construction contract specifications	During preparation of working drawings documents and bid documents	AOC's Project Manager
	Ensure compliance with specifications	During construction operations	AOC's Construction Inspector
<p>Measure 3.4.1g: Rare Plants. The AOC shall be conduct pre-construction surveys for rare plant species within the project impact area. A qualified botanist shall conduct preconstruction surveys for rare plants during the appropriate season for identification of Nissenan Manzanita, Small's southern clarkia, Mariposa clarkia, Tuolumne iris, and Hartweg's golden sunburst in late April or early May according to California Department of Fish and Game (CDFG) guidelines for rare plant surveys (CDFG, 2000). If rare plant species are found during these surveys, the AOC will propose avoidance, minimization, and/or avoidance measures to CDFG for their approval. These measures may include, but are not restricted, to the following:</p> <ol style="list-style-type: none"> Minimizing impacts by restricting removal of plants to a few individuals of a relatively large population; Relocating plants to suitable habitat outside the project area, either within AOC-owned land or off-site; Monitoring affected populations or relocated populations to document potential project-related impacts; Restoring or enhancing occupied habitat on-site or at another location; and/or Protecting occupied habitat for the species on-site or at another regional location. 	Include in environmental services contract	During preparation of preliminary plans, working drawings documents, and bid documents	AOC's Environmental Analyst and Project Manager
	Include in construction contract specifications	During preparation of working drawings documents and bid documents	AOC's Project Manager
	Ensure compliance with specifications	During construction operations	AOC's Construction Inspector
<p>Measure 3.4.5: Oak Woodlands. To mitigate for the loss of oak woodland habitat, the AOC shall determine the proposed project's oak woodland impacts and implement one of the following four mitigation options:</p> <ol style="list-style-type: none"> The AOC shall transfer a mitigation fee to the Tuolumne County Oak Woodland Conservation Fund to mitigate impacts to oak woodland and Old Growth Oaks as established in the Tuolumne County Biological Resources Conservation Handbook or as otherwise established by the Tuolumne County Board of Supervisors for impacts on these resources from private development. This fee shall be paid as the development occurs in phases, with the amount paid corresponding to the amount of oak woodland or Old Growth Oaks impacted during a specific construction phase. 	Include in environmental services contract	During preparation of bid documents and construction	AOC's Project Manager and Environmental Analyst

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<p>2. A total of not less than the amount of directly impacted oak woodland shall be purchased within Tuolumne County and permanently protected as open space to maintain wildlife habitat values. Purchased lands shall be conserved through conservation easement, fee title dedication to a land conservation group, or O (Open Space) or O-1 (Open Space-1) zoning under the Tuolumne County Ordinance Code.</p> <p>3. The AOC shall restore 50% of the directly impacted amount of oak woodland acreage within the project Study Area or a suitable off-site location approved by California Department of Fish and Game. The AOC shall have a qualified biologist prepare a restoration and maintenance plan that identifies a native plant palette and specifies densities and species of oaks (blue oak, interior live oak, and valley oak), pines (foothill pine and Ponderosa pine), and associated shrubs. Planting specifications shall include the number of plants to be planted, by species, per acre and sizes of planting containers. Oaks shall be planted at a range of densities to maximize wildlife habitat diversity. The restoration plan shall specify a specific monitoring timeline and list of information to be collected including, but not limited to, oak health, survival and growth; presence of weed species and volunteer native plant species; detection of any disease or pest problems; detection of potential animal or insect damage to oaks; and detection of erosion or trash problems. The AOC shall provide restoration maintenance and monitoring for 7 years to ensure attainment of a minimum 80% survival rate by the end of the 7-year period.</p> <p>4. Other measures that are adopted in the Tuolumne County Biological Resources Conservation Handbook to mitigate impacts to oak woodland and Old Growth Oaks associated with development.</p>			
Cultural Resources			
<p>Measure 3.5.2j: Stop Work if Cultural Materials are Discovered. Tuolumne County requires that inadvertent discoveries be disclosed to the County and that all construction shall cease within the immediate vicinity of the find if buried cultural resources are discovered during earth-moving activities. If historic-period or prehistoric cultural materials are unearthed during ground-disturbing activities, it is recommended that all work in the immediate vicinity halt until a qualified archaeologist can assess the significance of the find. Prehistoric materials might include obsidian and chert flaked-stone tools (e.g., projectile points, knives, scrapers) or toolmaking debris; culturally darkened soil (“midden”) containing heat-affected rocks, artifacts, or shellfish remains; and stone milling equipment (e.g., mortars, pestles, handstones, or milling slabs); and battered-stone tools, such as hammerstones and pitted stones. Historic-period materials might include stone, concrete, or adobe footings and walls; filled wells or privies; and deposits of metal, glass, and/or ceramic refuse. If the find is determined to be potentially significant, the archaeologist, in consultation with the County and appropriate Native American group(s), will develop a treatment plan. All work in the immediate vicinity of the unanticipated discovery shall cease until the qualified archaeologist has evaluated the discovery, or the treatment plan has been implemented.</p>	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC’s Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC’s Construction Inspector</p>
<p>Measure 3.5.3: Stop Work if Human Remains are Discovered. Although not anticipated, if human remains are encountered during subsurface construction, all work in the area shall stop and the Tuolumne County Coroner shall be contacted immediately. If the Tuolumne County Coroner determines that the remains are Native American, the AOC will contact the NAHC, in accordance with Health and Safety Code Section 7050.5, subdivision (c), and Public Resources Code 5097.98 (as amended by AB 2641). Per Public Resources Code 5097.98, the AOC, as the landowner, shall ensure that the immediate vicinity, according to generally accepted cultural or archaeological standards or practices, where the Native American human remains are located, is not damaged or disturbed by further development activity until the AOC has discussed and conferred, as prescribed in this section (PRC 5097.98), with the most likely descendants regarding their recommendations, if applicable, taking into account the possibility of multiple human remains. A report outlining the archaeological find and the treatment measures used to mitigate the archaeological find shall be prepared by the qualified archaeologist and submitted to the Tuolumne County Community Development Department.</p>	<p>Include in construction contract specifications</p>	<p>During preparation of working drawings documents and bid documents</p>	<p>AOC’s Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During construction operations</p>	<p>AOC’s Construction Inspector</p>

Mitigation Measure	Implementation Method/ Monitoring Action	Mitigation Timing	Monitoring Party/ Parties
Energy and Climate Change			
<p>Measure 3.6.1: To further assist in helping the state reduce GHG emissions, the New Sonora Courthouse shall be designed to be 10 percent more energy efficient than what is required by Title 24 standards.</p>	Include in working drawings	During preparation of working drawings documents and bid documents	AOC's Project Manager
Geology and Soils			
<p>Measure 3.7.1: The AOC shall prepare a Geologic/Geotechnical study and incorporate the study's recommendations into the project design prior to construction. Investigations shall be sufficient to characterize the local bedrock for road and utility excavation and site excavation. All appropriate details of the local site-specific rock characteristics shall be incorporated into the final design for the corresponding components of the proposed project, including any recommended measures to enhance slope stability within and adjacent to the site as appropriate. Bedrock characteristics such as bedding thickness and planes of weakness (jointing, foliation, bedding planes, zones of weathering, etc.) shall be considered.</p>	Include in construction contract specifications	During project design	AOC's Project Manager
	Ensure compliance with specifications	During construction excavation operations	AOC's Construction Inspector
Hazards and Hazardous Materials			
<p>Measure 3.8.1a: The AOC will ensure that all contractors transport, store, and handle construction-related hazardous materials in a manner consistent with relevant regulations and guidelines, including those recommended and enforced by the Department of Transportation, Central Valley Regional Water Quality Control Board, local fire departments, and the local health department. Recommendations shall include as appropriate:</p> <ul style="list-style-type: none"> • Transporting and storing materials in appropriate and approved containers; • Maintaining required clearances; • Handling materials using applicable federal, state, and/or local regulatory agency protocols; • Implementing all precautions required by the CVRWQCB-issued construction activity stormwater National Pollution Discharge Elimination System permits. <p>In the event of a spill, the AOC shall ensure that all contractors immediately control the source leak and immediately contain any spill utilizing appropriate spill containment and countermeasures. If required by local fire departments, the Tuolumne County Environmental Health Division, or any other regulatory agency, contaminated media shall be collected and disposed of at an offsite facility approved to accept such media.</p>	Include in construction contract specifications	During project design	AOC's Project Manager
	Ensure compliance with specifications	During excavation and construction operations	AOC's Construction Inspector
<p>Measure 3.8.1b: The storage, handling, and use of construction related hazardous materials shall be in accordance with applicable federal, state, and local laws. Construction-related hazardous materials and hazardous wastes (e.g. fuels, waste oils, antifreeze, etc.) shall be stored away from ponds, stream channels and steep banks in order to prevent these materials from entering surface waters in the event of an accidental release. These materials shall be kept at sufficient distance (at least 500 feet) from nearby residences or other potential sensitive land uses. This includes</p>	Include in construction contract specifications	During project design	AOC's Project Manager

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materials stored for expected use, materials in equipment and vehicles, and waste materials.	Ensure compliance with specifications	During excavation and construction operations	AOC's Construction Inspector
<p>Measure 3.8.1c: The AOC shall prepare a Hazardous Materials Management Plan (HMMP) for construction of each phase of the project. The HMMP shall provide for the safe storage, containment, and disposal of chemicals and hazardous materials related to or used during construction, including waste materials. The plan shall include, but shall not be limited to, the following:</p> <ul style="list-style-type: none"> • A description of hazardous materials and hazardous wastes, as relevant to the project covered by the HMMP; • Handling, transport, treatment, and disposal procedures, as relevant for each hazardous material or hazardous waste; • Preparedness, prevention, contingency, and emergency procedures, including emergency contact information; • Personnel training including, but not limited to: (1) recognition of existing or potential hazards resulting from accidental spills or other releases; (2) implementation of evacuation, notification, and other emergency response procedures; (3) management, awareness, and handling of hazardous materials and hazardous wastes, as required by the level of personnel responsibility; • A materials safety data sheet (MSDS) shall be kept on-site for each on site, hazardous chemical; • Hazardous materials storage areas, including temporary storage areas, shall be equipped with secondary containment sufficient in size to contain the volume of the largest container or tank; • Equipment maintenance procedures. <p>The HMMP shall be made a condition of contractual obligation for construction of the proposed project. The HMMP shall be available for review by construction inspectors, and implementation of compliance measures shall be monitored by the AOC.</p>	Include in construction contract specifications	During project design	AOC's Project Manager
	Ensure compliance with specifications	During excavation and construction operations	AOC's Construction Inspector
<p>Measure 3.8.1d: In the event that a previously unknown hazardous material or contaminant, or a suspected hazardous material or contaminant, is encountered during excavation, grading, or other construction activities, construction activity shall be ceased immediately. The Tuolumne County Office of Emergency Services shall be contacted immediately. The AOC shall be responsible for appropriate disposal or avoidance of the hazardous materials prior to commencing continued construction activities.</p>	Include in construction contract specifications	During project design	AOC's Project Manager
	Ensure compliance with specifications	During excavation and construction operations	AOC's Construction Inspector
<p>Measure 3.8.5: Where construction activity is taking place within a roadway, the AOC shall ensure that sufficient roadway width remains so that the roadway is passable by emergency vehicles.</p>	Include in construction contract specifications	During project design	AOC's Project Manager
	Ensure compliance with specifications	During excavation and construction operations	AOC's Construction Inspector

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<p>Measure 3.8.6: The AOC shall ensure that construction, staging areas, welding areas, areas where spark-producing equipment will be used, or areas slated for development shall be cleared of dried vegetation or other materials that could serve as fuel for a fire. Clearing of vegetation in areas of high fire danger such as dry grasslands or other dry or fire-prone vegetation shall be performed only with equipment fitted with spark arresters, kept in good working order. The AOC shall maintain a fire break free of combustible vegetation and shall store combustible construction materials such as wood, fuels, and other flammable items inside the fire break area and away from other flammable or combustible materials. All construction equipment that normally includes a spark arrester shall be equipped with a spark arrester in good working order. This includes, but is not limited to, vehicles, heavy equipment, and chainsaws.</p>	<p>Include in construction contract specifications</p>	<p>During project design</p>	<p>AOC's Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During excavation and construction operations</p>	<p>AOC's Construction Inspector</p>
Hydrology and Water Quality			
<p>Measure 3.9.3: The AOC shall implement the following measures to ensure that there is no net increase in the runoff from the proposed project:</p> <ul style="list-style-type: none"> • The AOC will implement a water conservation program as listed in the County's General Plan for the proposed project. The program will provide for continued implementation of the National Pollution Discharge Elimination System (NPDES) permitting program enforced by the Central Valley Regional Water Quality Control Board (CVRWQCB). The water conservation program will include, but not be limited to, the following activities: <ul style="list-style-type: none"> ○ Maintaining vegetative filters and/or buffers adjacent to swales onsite to assist in reducing the introduction of sediments and pollutants into surface water resources. ○ Implementing Best Management Practices (BMPs) for grading and revegetating the site. ○ Installing and maintaining erosion and stormwater runoff control features such as vegetative swales and vegetative filter strips, porous pavement or other porous surfaces, or energy dissipation structures in the project design. Roofs will drain into natural surfaces or swales, where possible. Treatment methods will be employed such as detention ponds, infiltration or settling devices in parking areas, and oil-water separators where applicable. All features shall be sized appropriately based on flow conditions to ensure that there will be no net increase in runoff as compared to pre-project conditions. ○ Assigning responsibility for the maintenance of sedimentation control facilities and graded areas undergoing revegetation. ○ The AOC shall ensure that the features are maintained throughout the life of the proposed project by the facilities management. • The AOC will provide the conservation program for review by the Public Works Department and a Certified Engineer. • Prior to initiation of construction, the AOC will prepare a final Drainage Plan that will describe all onsite storm drainage facilities, including drop inlets and storm drains, and will incorporate hydrologic and hydraulic calculations to document the adequacy of the proposed drainage facilities as relevant. As part of the Drainage Plan, a Creek Protection Plan shall be prepared that identifies areas of Sullivan Creek and swales onsite that drain into the creek that are susceptible to erosion. Site specific erosion control and bank stability measures shall be implemented.¹ • To minimize impervious surfaces within the project site, the AOC shall incorporate pervious asphalt or other approved methods of on-site retention and detention for parking areas.² 	<p>Include in construction contract specifications</p>	<p>During project design</p>	<p>AOC's Project Manager</p>
	<p>Ensure compliance with specifications</p>	<p>During excavation and construction operations</p>	<p>AOC's Construction Inspector</p>

¹ The Creek Protection Plan and site-specific erosion and stability mitigation measures have been added by the AOC to 2009 FEIR Mitigation Measure 3.9.3.

² This mitigation measure has been added by the AOC to 2009 FEIR Mitigation Measure 3.9.3.

Mitigation Measure	Implementation Method/ Monitoring Action	Mitigation Timing	Monitoring Party/ Parties
Noise			
<p>Measure 3.11.1a: The AOC shall implement the following measures:</p> <ul style="list-style-type: none"> • Construction activities shall be limited to the least noise-sensitive times and the County’s typical exterior construction restriction periods between 7:00 a.m. and 7:00 p.m. Monday through Saturday. Construction activities shall be prohibited on Sundays and holidays. • Construction equipment noise shall be minimized during project construction by muffling and shielding intakes and exhaust on construction equipment (per the manufacturer’s specifications) and by shrouding or shielding impact tools. • Implement “quiet” pile-driving technology (such as pre-drilling of piles and the use of more than one pile driver to shorten the total pile driving duration), where feasible, in consideration of geotechnical and structural requirements and conditions.³ • Construction contractors shall locate fixed construction equipment (such as compressors and generators) and construction staging areas as far as possible from nearby residences. 	Include in construction contract specifications	During project design	AOC’s Project Manager
	Ensure compliance with specifications	During excavation and construction operations	AOC’s Construction Inspector
<p>Measure 3.11.1b: To further address the nuisance impact of project construction, the AOC’s construction contractors shall implement the following:</p> <ul style="list-style-type: none"> • The AOC shall post signs at the construction site that include permitted construction days and hours, a day and evening contact number for the job site, and a contact number with AOC in the event of problems. • The AOC shall provide an on-site complaint and enforcement manager to track and respond to noise complaints. 	Include in construction contract specifications	During project design	AOC’s Project Manager
	Ensure compliance with specifications	During excavation and construction operations	AOC’s Construction Inspector
Public Services, Utilities, and Recreation			
<p>Measure 3.13.8: Disposal of Construction and Native Debris. All excess construction debris shall be recycled. If debris or vegetation cannot be recycled on site or transferred to a green waste recycling site or to a biomass burning facility for use in steam/electrical generation, the AOC will secure approvals from the Tuolumne County Air Pollution Control District and the California Department of Forestry and Fire Protection (CalFire) to burn the materials on the site.</p>	Include in construction contract specifications	During project design	AOC’s Project Manager
	Ensure compliance with specifications	During excavation and construction operations	AOC’s Construction Inspector

³ This mitigation measure has been added by the AOC to 2009 FEIR Mitigation Measure 3.11.1a.