

# Mitigation Monitoring and Reporting Program

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CEQA requires that a reporting or monitoring program be adopted for the conditions of project approval that are necessary to mitigate or avoid significant effects on the environment (Public Resources Code 21081.6). This mitigation monitoring and reporting program is designed to ensure compliance with adopted mitigation measures during project implementation. For each mitigation measure recommended in the Final Initial Study-Mitigated Negative Declaration (Final IS-MND), specifications are made herein that identify the action required and the monitoring that must occur. In addition, a responsible agency is identified for verifying compliance with individual conditions of approval contained in this Mitigation Monitoring and Reporting Program.

Mitigation Measure/ Condition of Approval	Action Required	Monitoring Timing	Monitoring Frequency	Responsible Agency	Compliance Verification		
					Initial	Date	Comments
<b>Aesthetics</b>							
<b>AES-1: Night Lighting</b>							
<b>Lighting Plans and Specifications.</b> Final project plans shall include a lighting plan and specifications for all exterior lighting fixtures and light standards. The plans shall include a photometric design study demonstrating that all outdoor light fixtures to be installed are shielded and designed or located in a manner as to contain the direct rays from the lights on-site and to minimize glare perceived from surrounding properties and riparian habitat located adjacent Sheehy Creek. All parking lot lighting shall be shielded and directed downward and away from property lines to the extent feasible while providing adequate safety and security.	Confirm that final lighting plan is consistent with the measure.	Prior to issuance of a building permit.	Once	Napa Valley Transportation Authority (NVTA)			
	Verify adherence to lighting plan prior to occupancy.	Prior to occupancy.	Once				
<b>Building Material Specifications.</b> All structures shall use minimally reflective glass and all other materials and colors used on the exterior of buildings and structures shall be selected with attention to minimizing reflective glare.	Confirm that final elevations are consistent with the measure.	Prior to issuance of a building permit.	Once	NVTA			
	Verify adherence to materials plan prior to occupancy.	Prior to Occupancy	Once				
<b>Biological Resources</b>							
<b>BIO-1: Nesting Birds</b>							
To avoid disturbance of nesting and special-status birds, including raptorial species protected by the MBTA and CFGC, activities related to the project, including, but not limited to, vegetation removal, ground disturbance, and construction and demolition shall occur outside of the bird breeding season (February 1st through August 30th). If construction must begin during the breeding season, then a pre-	Verify construction outside of breeding season, or that survey is performed and all required measures implemented.	Prior to commencement of grading; if during breeding season, prior to and ongoing through construction.	Once; or prior to and periodically during construction	NVTA			

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<p>construction nesting bird survey shall be conducted no more than three days prior to initiation of ground disturbance and vegetation removal activities. The nesting bird pre-construction survey shall be conducted on foot inside the project boundary, including a 300-foot buffer (500-foot for raptors and 0.25 mile buffer for Swainson’s hawk), and in inaccessible areas (e.g., private lands) from afar using binoculars to the extent practical. The survey shall be conducted by a biologist familiar with the identification of avian species known to occur in southern California coastal communities. If nests are found, an avoidance buffer (dependent upon the species, the proposed work activity, and existing disturbances associated with land uses outside of the site) shall be determined and demarcated by the biologist with bright orange construction fencing, flagging, construction lathe, or other means to mark the boundary. All construction personnel shall be notified as to the existence of the buffer zone and to avoid entering the buffer zone during the nesting season. No ground disturbing activities shall occur within this buffer until the avian biologist has confirmed that breeding/ nesting is completed and the young have fledged the nest. Encroachment into the buffer shall occur only at the discretion of the qualified biologist.</p>							
<b>BIO-2: Burrowing Owl Pre-construction Surveys</b>							
<p>Prior to the commencement of construction activities, a qualified wildlife biologist (i.e., a wildlife biologist with previous burrowing owl survey experience) shall conduct pre-construction surveys of the permanent and temporary impact areas to confirm the existing</p>	<p>Verify that the survey is performed consistent with the measure.</p>	<p>Prior to commencement of construction activities.</p>	<p>Once</p>	<p>NVTA</p>			

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<p>or new locations occupied breeding or wintering burrowing owl burrows no fewer than 14 days prior to ground-disturbing activities (i.e., vegetation clearance, grading, tilling). The survey methodology shall be consistent with the methods outlined in the 2012 CDFW Staff Report on Burrowing Owl Mitigation and should consist of walking parallel transects 7 to 20 meters apart, adjusting for vegetation height and density as needed, and noting any potential burrows with fresh burrowing owl sign or presence of burrowing owls.</p>							
<b>BIO-3 Burrowing Owl Avoidance and Minimization</b>							
<p>If burrowing owls are present at the time of preconstruction surveys, adherence to the following measures is required:</p> <ul style="list-style-type: none"> <li>If burrowing owls are detected on-site, no ground-disturbing activities, such as vegetation clearance or grading, shall be permitted within a buffer of no fewer than 100 meters (330 feet) from an occupied burrow during the breeding season (February 1 to August 31), unless otherwise authorized by CDFW. During the non-breeding (winter) season (September 1 to January 31), ground-disturbing work can proceed as long as the work occurs no closer than 50 meters (165 feet) from the burrow. Depending on the level of disturbance, a smaller buffer may be established in consultation with CDFW.</li> <li>If burrow avoidance is infeasible during the non-breeding season or during the breeding season (February 1 through August 31), where resident owls have not yet begun egg laying or incubation, or where the juveniles are foraging independently and capable of</li> </ul>	<p>If burrowing owls are present at the site, verify compliance with the measure.</p>	<p>If present, ongoing throughout construction.</p>	<p>Ongoing throughout construction.</p>	<p>NVTA</p>			

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	<p>independent survival, a qualified biologist shall implement a passive relocation program in accordance with Appendix E1 (i.e., Example Components for Burrowing Owl Artificial Burrow and Exclusion Plans) of the 2012 CDFW Staff Report on Burrowing Owl Mitigation.</p> <ul style="list-style-type: none"> <li>If passive relocation is required, a qualified biologist shall prepare a Burrowing Owl Exclusion and Mitigation Plan and Mitigation Land Management Plan in accordance with CDFW's 2012 Staff Report on Burrowing Owl Mitigation and for review by CDFW prior to passive relocation activities. The Burrowing Owl Exclusion and Mitigation Plan shall include all necessary measures to minimize impacts to burrowing owls during passive relocation, including all necessary monitoring of owls and burrows during passive relocation efforts. The Mitigation Land Management Plan shall include a requirement for the permanent conservation of off-site Burrowing Owl Passive Relocation Compensatory Mitigation at a ratio of 15 acres per passively relocated burrowing owl pair, not to exceed the size of the final project footprint. Land identified to mitigate for passive relocation of burrowing owl may be combined with other off-site mitigation requirements of the project if the compensatory habitat is deemed suitable to support the species. If the project is located within the service area of a CDFW-approved burrowing owl conservation bank, available burrowing owl conservation bank credits may be purchased in lieu of placing off-site habitat into a conservation easement, if acceptable to the</li> </ul>						

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<p>CDFW.</p> <ul style="list-style-type: none"> <li>The loss of acres of burrowing owl foraging habitat shall be offset by providing habitat management lands at a ratio of ten acres per burrow identified within the final project footprint. These lands must be on suitable habitat for burrowing owl prior to project operations. Land identified to mitigate for foraging habitat may be combined with other offsite mitigation requirements of the proposed project if the compensatory habitat is deemed suitable by a qualified biologist in coordination with CDFW. A Foraging Habitat Compensatory Mitigation Plan describing the proposed mitigation, including suitability for meeting the objectives of the mitigation, and methods for preserving the mitigation values of the habitat shall be prepared prior to project operations.</li> </ul>							
<p><b>Recommended Measure: BIO-4 California Red Legged Frog Avoidance and Minimization</b></p>							
<p>To ensure no impacts to California red-legged frog, the following avoidance and minimization efforts are drawn from the Programmatic Biological Opinion for Issuance of Permits under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act, including Authorizations Under 22 Nationwide Permits, for Projects that May Affect the Threatened California Red-Legged Frog in Nine San Francisco Bay Area Counties, California and are recommended:</p> <ul style="list-style-type: none"> <li>A Service-approved biologist(s) will be onsite during all activities that may result in take of the California red-legged frog. The qualifications of the biologist(s) will be submitted to the Service for review and</li> </ul>	<p>Ensure that a service-approved biologist is retained and that all the required measures are carried out.</p>	<p>Before construction and throughout construction.</p>	<p>Once before construction and ongoing throughout construction.</p>	<p>NVTA</p>			

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	<p>written approval at least thirty (30) calendar days prior to the date earthmoving is initiated at the project site. The Service-approved biologist(s) will keep a copy of this programmatic biological opinion and the appendage in their possession when onsite.</p> <ul style="list-style-type: none"> <li>▪ No more than twenty-four (24) hours prior to the date of initial ground disturbance, a preconstruction survey for the California red-legged frog will be conducted by a Service-approved biologist at the project site. The survey will consist of walking the project limits and within the project site to ascertain the possible presence of the species. The Service-approved biologist will investigate all potential areas that could be used by the California red-legged frog for feeding, breeding, sheltering, movement, and other essential behaviors. This includes an adequate examination of mammal burrows, such as California ground squirrels or gophers. If any adults, subadults, juveniles, tadpoles, or eggs are found, the Service-approved biologist will contact the Service to determine if moving any of the individuals is appropriate. In making this determination the Service will consider if an appropriate relocation site exists. If the Service approves moving animals, the Corps through the applicant will ensure the Service approved biologist is given sufficient time to move the animals from the work site before ground disturbance is initiated. Only Service-approved biologists will capture, handle, and monitor the California red-legged frog.</li> <li>▪ The Service-approved biologist(s) will be given the authority to freely communicate</li> </ul>						

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	<p>verbally, by telephone, electronic mail, or in writing at any time with construction personnel, any other person(s) at the project site, otherwise associated with the project, the Service, the Department, or their designated agents. The Service-approved biologist will have oversight over implementation of all the conservation measures in this programmatic biological opinion, and, through the applicant, will have the authority and responsibility to stop project activities if they determine any of the associated requirements are not being fulfilled. If the Service approved biologist(s) exercises this authority, the Service will be notified by telephone and electronic mail within twenty-four (24) hours. The Service contact is the Coast Bay Foothills Division Chief of the Endangered Species Program at the Sacramento Fish and Wildlife Office at telephone (916) 414-6600.</p> <ul style="list-style-type: none"> <li>▪ The Service-approved biologist will conduct employee education training for employees working on earthmoving and/or construction activities. Personnel will be required to attend the presentation which will describe the California redlegged-frog, avoidance, minimization, and conservation measures, legal protection of the animal, and other related issues. All attendees will sign an attendance sheet along with their printed name, company or agency, email address, and telephone number. The original sign-in sheet will be sent to the Service within seven (7) calendar days of the completion of the training.</li> <li>▪ The applicant will minimize adverse effects to the California red-legged frog by limiting,</li> </ul>						

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	<p>to the maximum extent possible, the number of access routes, construction areas, equipment staging, storage, parking, and stockpile areas. Prior to the date of initial ground disturbance at the project site, equipment staging areas, site access routes, construction equipment and personnel parking areas, debris storage areas, and any other areas that may be disturbed will be identified, surveyed by the Service-approved biologist, and clearly identified with 5-foot tall bright orange plastic fencing. The fencing will be inspected by the Service approved biologist and maintained daily by the applicant until the last day that construction equipment are at the project.</p> <ul style="list-style-type: none"> <li>▪ To the extent practicable, initial ground-disturbing activities will be avoided between November 1 and March 31 because that is the time period when California red-legged frogs are most likely to be moving through upland areas. When ground-disturbing activities must take place between November 1 and March 31, the Corps through the applicant will ensure that daily monitoring by the Service-approved biologist is completed for the California red-legged frog.</li> <li>▪ To minimize harassment, injury death, and harm in the form of temporary habitat disturbances, all project-related vehicle traffic will be restricted to established roads, construction areas, equipment staging, storage, parking, and stockpile areas. These areas will be included in pre-construction surveys and, to the maximum extent possible, established in locations disturbed by previous activities to prevent</li> </ul>						

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	<p>further adverse effects. Project-related vehicles will observe a 20-mile per hour speed limit within construction areas, except on County roads, and State and Federal highways. Off-road traffic outside of designated and fenced project work areas will be prohibited.</p> <ul style="list-style-type: none"> <li>▪ The Corps through the applicant will ensure bio-swales and bio-filtration are installed at the project site adjacent to roadways to avoid and minimize sediment loading and point source pollutants.</li> <li>▪ Stormwater pollution prevention plans (SWPPPs) and erosion control BMPs will be developed and implemented to minimize any wind- or water-related erosion and will be in compliance with the requirements of the Corps. The applicant will include provisions in construction contracts for measures to protect sensitive areas and prevent and minimize stormwater and non-stormwater discharges. Protective measures will include, at a minimum, those listed below:               <ul style="list-style-type: none"> <li>a) No discharge of pollutants from vehicle or equipment cleaning will be allowed into any storm drains or water courses.</li> <li>b) Vehicle and equipment fueling and maintenance operations will be at least 50 feet away from water courses, except at established commercial gas stations or established vehicle maintenance facilities.</li> <li>c) Concrete waste and water from curing operations will be collected in washouts and will be disposed of and not allowed into water courses.</li> <li>d) Spill containment kits will be maintained</li> </ul> </li> </ul>						

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<p>onsite at all times during construction operations and/or staging or fueling of equipment.</p> <p>e) Dust control measures will include use of water trucks and organic tackifiers to control dust in excavation-and-fill areas, covering temporary access road entrances and exits with rock (rocking), and covering of temporary stockpiles when weather conditions require.</p> <ul style="list-style-type: none"> <li>▪ The applicant will maintain all construction equipment to prevent leaks of fuels, lubricants, or other fluids.</li> <li>▪ Each encounter with the California red-legged frog will be treated on a case by case basis in coordination with the Service, but the general procedure is as follows: (1) the animal will not be disturbed if it is not in danger; or (2) the animal will be moved to a secure location if it is in any danger. These procedures are further described below:               <ul style="list-style-type: none"> <li>a) When a California red-legged frog is encountered in the action area, all activities which have the potential to result in the harassment, injury, or death of the individual will be immediately halted. The Service-approved biologist will then assess the situation in order to select a course of action that will avoid or minimize adverse effects to the animal. To the maximum extent possible, contact with the frog will be avoided and the applicant will allow it to move out of the potentially hazardous situation to a secure location on its own volition. This procedure applies to situations where a California red-legged frog is</li> </ul> </li> </ul>							

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<p>encountered while it is moving to another location. It does not apply to animals that are uncovered or otherwise exposed or in areas where there is not sufficient adjacent habitat to support the species should the individual move away from the hazardous location.</p> <p>b) California red-legged frogs that are in danger will be relocated and released by the Service approved biologist outside the construction area within the same riparian area or watershed. If relocation of the frog outside the fence is not feasible (i.e., there are too many individuals observed per day), the biologist will relocate the animals to a Service preapproved location. Prior to the initial ground disturbance, the applicant will obtain approval of the relocation protocol from the Service in the event that a California red-legged frog is encountered and needs to be moved away from the project site. Under no circumstances will a California red-legged frog be released on a site unless the written permission of the landowner has been obtained by the applicant.</p> <p>c) The Service-approved biologist will limit the duration of the handling and captivity of the California red-legged frog to the minimum amount of time necessary to complete the task. If the animal must be held in captivity, it will be kept in a cool, dark, moist, aerated environment, such as a clean and disinfected bucket or plastic container</p>							

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	<p>with a damp sponge. The container used for holding or transporting the individual will not contain any standing water.</p> <p>d) The applicant will immediately notify the Service once the California redlegged frog and the site is secure. The contact for this situation is the Coast Bay Foothills Division Chief of the Endangered Species Program by email and at telephone (916) 414-6600.</p> <ul style="list-style-type: none"> <li>▪ Uneaten human food and trash attracts crows, ravens, coyotes, and other predators of the California red-legged frog. A litter control program will be instituted at each project site. All workers will ensure their food scraps, paper wrappers, food containers, cans, bottles, and other trash are deposited in covered or closed trash containers. The trash containers will be removed from the project site at the end of each working day.</li> <li>▪ All grindings and asphaltic-concrete waste may be temporarily stored within previously disturbed areas absent of habitat and at a minimum of 150 feet from any culvert, pond, creek, stream crossing, or other waterbody. On or before the date of project completion, the waste will be transported to an approved disposal site.</li> <li>▪ Loss of soil from run-off or erosion will be prevented with straw bales, straw wattles, or similar means provided they do not entangle, block escape or dispersal routes of the California red-legged frog.</li> <li>▪ The applicant will not apply insecticides or herbicides at the project site during construction or long-term operational</li> </ul>						

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	<p>maintenance where there is the potential for these chemical agents to enter creeks, streams, waterbodies, or uplands that contain potential habitat for the California red-legged frog.</p> <ul style="list-style-type: none"> <li>▪ No pets will be permitted at the project site, to avoid and minimize the potential for harassment, injury and death of the California red-legged frog.</li> <li>▪ No firearms will be allowed at the project site except for those carried by authorized security personnel, or local, State, or Federal law enforcement officials to avoid and minimize the potential for harassment, injury and death of the California red-legged frog.</li> <li>▪ For onsite storage of pipes, conduits and other materials that could provide shelter for California red-legged frogs, an open-top trailer will be used to elevate the materials above ground. This is intended to reduce the potential for animals to climb into the conduits and other materials.</li> <li>▪ To the maximum extent practicable, no construction activities will occur during rain events or within 24-hours following a rain event. Prior to construction activities resuming, a Service-approved biologist will inspect the action area and all equipment/materials for the presence of California red-legged frogs. The animals will be allowed to move away from the project site of their own volition or moved by the service-approved biologist.</li> <li>▪ To the maximum extent practicable, night-time construction will be minimized or avoided by the applicant. Because dusk and dawn are often the times when the</li> </ul>						

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<p>California red-legged frog is most actively moving and foraging, to the maximum extent practicable, earthmoving and construction activities will cease no less than 30 minutes before sunset and will not begin again prior to no less than 30 minutes after sunrise. Except when necessary for driver or pedestrian safety, to the maximum extent practicable, artificial lighting at a project site will be prohibited during the hours of darkness.</p> <ul style="list-style-type: none"> <li>Dust control measures will be implemented during construction, or when necessary in the opinion of the Service-approved biologist, Service, California Department of Fish and Wildlife, or their authorized agent. These measures will consist of regular truck watering of construction access areas and disturbed soil areas with water or organic soil stabilizers to minimize airborne dust and soil particles generated from graded areas. Regular truck watering will be a requirement of the construction contract. Watering guidelines for truck watering will be established to avoid any excessive run-off that may flow into contiguous or adjacent areas containing potential habitat for the California red-legged frog.</li> </ul> <p>Trenches or pits one (1) foot or deeper that are going to be left unfilled for more than forty eight (48) hours will be securely covered with boards or other material to prevent the California red-legged frog from falling into them. If this is not possible, the applicant will ensure wooden ramps or other structures of suitable surface that provide adequate footing for the California red-legged frog are placed in the trench or pit to allow for their unaided escape. Auger holes or</p>							

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<p>fence post holes that are greater than 0.10 inch in diameter will be immediately filled or securely covered so they do not become pitfall traps for the California red-legged frog. The Service-approved biologist will inspect the trenches, pits, or holes prior to their being filled to ensure there are no California red-legged frogs in them. The trench, pit, or hole also will be examined by the Service-approved biologist each workday morning at least one hour prior to initiation of work and in the late afternoon no more than one hour after work has ceased to ascertain whether any individuals have become trapped. If the escape ramps fail to allow the animal to escape, the Service-approved biologist will remove and transport it to a safe location, or contact the Service for guidance.</p>							
<b>BIO-5 Setback Requirements</b>							
<p>To ensure that operational water quality impacts on Sheehy Creek and the riparian corridor are minimized to less than significant levels, the project must comply with Napa County setback requirements. Grading activities are not permitted within 35 feet of a stream bank for slopes greater than one percent. Slopes ranging from one to five percent require a 45 foot setback, and slopes greater than five and up to 15 percent require a 55 foot setback. The proposed project site layout must comply with this requirement and include a buffer zone of 35 feet minimum between the creek and the paved portions of the proposed parking lot and maintenance facility. This buffer shall be clearly shown on all grading and construction plans.</p>	<p>Ensure that grading plan show the required buffer and ensure compliance in the field.</p>	<p>Prior to commencement of grading, and during grading and construction.</p>	<p>Once prior to commencement of grading, and periodically during grading and construction.</p>	<p>NVTA</p>			

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<b>BIO-6 Removal of Invasive Species</b>							
<p>To ensure that the proposed project does not result in the spread of invasive plant species, the following is required:</p> <ul style="list-style-type: none"> <li>▪ Prior to the commencement of grading and construction, a qualified botanist/biologist shall provide invasive plant prevention training and an appropriate identification/instruction guide to staff and contractors.</li> <li>▪ Prior to the commencement of grading and construction, specific areas shall be designated for cleaning of tools, vehicles, equipment, clothing and footwear, and other gear.</li> <li>▪ Before entering and exiting the work site, tools, equipment, vehicles, clothing and footwear, and other gear shall be cleaned to remove soil, seeds, and other plant parts.</li> <li>▪ If necessary, suitable receiving areas shall be designated for invasive plant waste disposal prior to their transport to a certified landfill and 100% containment of invasive plant materials during transport shall be achieved.</li> <li>▪ All disturbed areas shall be hydroseeded with a mix of locally native species upon completion of work in those areas. In areas where construction is ongoing, hydroseeding shall occur where no construction activities have occurred within six (6) weeks since ground disturbing activities ceased. If exotic species invade these areas prior to hydroseeding, weed removal shall occur in consultation with a qualified botanist/ biologist.</li> <li>▪ No pets shall be allowed at the project site during grading and construction.</li> </ul>	<p>Ensure that the training and tasks specified in the measure are carried out as prescribed.</p>	<p>Prior to commencement of grading and during grading.</p>	<p>Once prior to commencement of grading and periodically during grading.</p>	<p>NVTA</p>			

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<b>Cultural Resources</b>							
<b>CR-1: Archaeological and Native American Monitoring</b>							
A qualified archaeologist and local Native American representative from the Napa County area shall conduct monitoring of all project-related ground disturbing activities that would occur at depths 2 or more feet below existing grade. Monitoring of ground disturbing activities shall continue until excavation is complete or until a soil change to a culturally sterile formation is achieved. Determination of these conditions shall be at the discretion of a qualified archaeologist. Archaeological monitoring shall be performed under the direction of an archaeologist meeting the Secretary of the Interior’s Professional Qualifications Standards for archaeology (NPS 1983). The qualified archaeologist may reduce or stop monitoring dependent upon observed conditions.	Ensure retention of an appropriate monitor and that monitor is discharging the specified duties.	Prior to and throughout ground disturbing activities.	Once prior to commencement of grading and periodically during grading.	NVTA			
<b>CR-2: Unanticipated Discovery of Cultural Resources</b>							
If previously unidentified cultural materials are unearthed during construction, work shall be halted in that area until a qualified archaeologist can assess the significance of the find. Evaluation of significance for the find may include the determination of whether or not the find qualifies as an archaeological site. Isolated finds typically do not qualify as historic properties under the NHPA or historical resources under CEQA and require no management consideration under either regulation. After effects to the find have been appropriately mitigated, work in the area may resume. Mitigation of effects to the find may	Verify that, if cultural materials are found, work is halted and a qualified archaeologist assesses the site prior to continuation of the construction process, per the measure.	Conditional, if materials are found.	Conditional: if/when materials are found	NVTA			

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include a damage assessment of the find, archival research, and/or data recovery to remove any identified archaeological deposits, as determined by a qualified archaeologist.							
<b>CR-3: Paleontological Resources</b>							
The following measures shall apply to all grading and excavation that would involve disturbance at depths greater than 2 feet below the existing grade.	Ensure compliance with all the measures laid out in CR-3 if disturbances are conducted at greater than 2 feet below grade.	Throughout construction.	As needed throughout construction.	NVTA			
<ul style="list-style-type: none"> <li>▪ <b>Paleontological Mitigation and Monitoring Program:</b> A qualified paleontologist shall prepare a Paleontological Mitigation and Monitoring Program to be implemented during ground disturbance activity greater than 2 feet below existing grade for the proposed project. This program shall outline the procedures for construction staff Worker Environmental Awareness Program (WEAP) training, paleontological monitoring extent and duration, salvage and preparation of fossils, the final mitigation and monitoring report, and paleontological staff qualifications.</li> <li>▪ <b>Paleontological Worker Environmental Awareness Program (WEAP):</b> Prior to the start of ground disturbance activity greater than 2 feet below existing grade, construction personnel shall be informed on the appearance of fossils and the procedures for notifying paleontological staff should fossils be discovered by construction staff.</li> <li>▪ <b>Paleontological Monitoring:</b> All grading and excavation that would involve disturbance at depths greater than 2 feet below the existing grade shall be monitored on a full-time basis by a qualified paleontological</li> </ul>							

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	<p>monitor. Should no fossils be observed during the first 50% of such excavations, paleontological monitoring could be reduced to weekly spot-checking under the discretion of the qualified paleontologist. Monitoring shall be conducted by a qualified paleontological monitor, who is defined as an individual who has experience with collection and salvage of paleontological resources.</p> <ul style="list-style-type: none"> <li>▪ <b>Salvage of Fossils:</b> If fossils are discovered, the qualified paleontologist (or paleontological monitor) shall recover them. Typically fossils can be safely salvaged quickly by a single paleontologist and not disrupt construction activity. In some cases larger fossils (such as complete skeletons or large mammal fossils) require more extensive excavation and longer salvage periods. In this case the paleontologist should have the authority to temporarily direct, divert or halt construction activity to ensure that the fossil(s) can be removed in a safe and timely manner.</li> <li>▪ <b>Preparation and Curation of Recovered Fossils:</b> Once salvaged, fossils shall be identified to the lowest possible taxonomic level, prepared to a curation-ready condition and curated in a scientific institution with a permanent paleontological collection, along with all pertinent field notes, photos, data, and maps.</li> <li>▪ <b>Final Paleontological Mitigation and Monitoring Report:</b> Upon completion of ground disturbing activity (and curation of fossils if necessary) the qualified paleontologist shall prepare a final</li> </ul>						

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mitigation and monitoring report outlining the results of the mitigation and monitoring program. The report shall include discussion of the location, duration and methods of the monitoring, stratigraphic sections, any recovered fossils, and the scientific significance of those fossils, and where fossils were curated.							
<b>CR-4 Discovery of Unanticipated Human Remains</b>							
If human remains are found, the State of California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the county coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. In the event of an unanticipated discovery of human remains, all work in the vicinity of the discovery would cease. The county coroner must be notified immediately. If the human remains are determined to be prehistoric, the coroner would notify the Native American Heritage Commission (NAHC), which would determine and notify a most likely descendant (MLD). The MLD shall complete the inspection of the site within 48 hours of notification and may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.	Ensure compliance with state law if human remains are found.	Throughout construction phase.	Continuous	NVTA			
<b>Geology and Soils</b>							
<b>GEO-1: Conduct Geotechnical Investigation and Soil Remediation</b>							
Prior to construction activities, a preliminary geotechnical investigation shall be conducted to determine the presence or absence of unstable soils or soils that would become unstable during a seismic event. The geotechnical investigation	Ensure preparation of geotechnical report per the measure, and implementation of all recommendations.	Prior to construction activities; during construction.	Once prior to construction activities; periodically during	NVTA			

Mitigation Measure/ Condition of Approval	Action Required	Monitoring Timing	Monitoring Frequency	Responsible Agency	Compliance Verification		
					Initial	Date	Comments
shall be conducted by trained engineers and shall comply with ASTM approved methodologies. Based on the results of the preliminary geotechnical investigation, unstable soils or soil that would become unstable during a seismic event shall be remediated to ensure that on-site soils would provide adequate structural support for proposed project structures. Soil remediation may be achieved through, for example, structural piers, excavation of unstable soils, importation of clean, engineered fill, compaction of existing on-site soils, improvement of sub-surface drainage, or a combination of methodologies.			construction.				
<b>Hydrology and Water Quality</b>							
<b>HYD-1: Bus Maintenance Facility Runoff Prevention</b>							
The washing facility and the maintenance facility shall be designed such that all wastewater and vehicle fluids are fully contained and isolated within the structure and are prevented from coming in contact with stormwater runoff or underlying soils. All wastewater shall be directed to the sanitary sewer system. A Discharge Permit shall be obtained from the Napa Sanitation District prior to the discharge of any wastewater and Best Management Practices and/or a pretreatment program shall be implemented as necessary to meet the requirements of the Discharge Permit.	Ensure that project plans and equipment specifications reflect the requirements of the measure, and inspect in field.	Prior to commencement of construction; prior to occupancy.	Once prior to commencement of construction; once prior to occupancy	NVTA			
<b>HYD-2: Design-level Drainage Analysis and Minimization of Runoff</b>							
The applicant shall conduct a design-level drainage analysis prior to commencement of construction activities that shall identify existing drainage patterns across the project site and existing off-site stormwater discharge locations.	Ensure preparation of drainage analysis per the measure, and implementation of all recommendations.	Prior to construction activities; during construction.	Once prior to construction activities; periodically during	NVTA			

Mitigation Measure/ Condition of Approval	Action Required	Monitoring Timing	Monitoring Frequency	Responsible Agency	Compliance Verification		
					Initial	Date	Comments
<p>The drainage analysis shall quantify, to the extent feasible, the existing and predicted post-construction peak runoff rates and amounts both on-site and off-site immediately downgradient of the project site. The drainage analysis shall identify any changes to the location of down-gradient discharge of stormwater runoff and any potential impacts on off-site property that would result from those changes. Stormwater control measures shall be developed to maximize on-site infiltration of stormwater and minimize off-site stormwater discharge. These stormwater control measures shall be designed to achieve conformance with NPDES and Napa County stormwater requirements such that post-development, off-site peak flow drainage from the project site would not be greater than pre-development peak flow drainage and that contaminated runoff would not enter Sheehy Creek. Stormwater quality shall be maintained such that post-development stormwater pollutant concentrations do not exceed pre-development pollutant concentrations. The maintenance of stormwater quality shall be achieved through source control, site design, treatment control, or a combination of methodologies. Source control may include frequent sweeping of parking areas, frequent maintenance of vehicles such that parked vehicles do not leak engine oil or other fluids, rapid clean-up of any vehicle fluid leaks or spills, and isolation of maintenance areas from stormwater flows. Site design may include measures to maximize infiltration and minimize runoff, as described below. Treatment control may include bio-filtration, sand filters, constructed wetlands, oil/water separation vaults, or other treatment methods necessary to maintain pre-development stormwater quality.</p>			construction.				

Mitigation Measure/ Condition of Approval	Action Required	Monitoring Timing	Monitoring Frequency	Responsible Agency	Compliance Verification		
					Initial	Date	Comments
<p>The stormwater control measures may include, as necessary, above-ground retention and/or detention basins, stormwater collection tanks, subsurface infiltration devices such as cisterns with permeable bottoms or perforated pipes, permeable pavement, and vegetated swales. The stormwater control measures required by this mitigation may be used, in whole or in part, to satisfy the erosion and runoff control standards of the NPDES-required SWPPP and the Napa County-required Stormwater Runoff Management Plan. NVTa shall comply with the recommendations of the drainage analysis prior to commencement of construction activities.</p>							
<b>Noise</b>							
<b>N-1: Temporary Noise Barrier</b>							
<p>A temporary noise barrier on the eastern boundary of the project site (adjacent to the nearest industrial use) shall be required to reduce construction noise impacts. The barrier must be long and tall enough (we recommend a standard minimum height of 8 feet) to completely block the line-of-sight between the noise source and the receptors. The gaps between adjacent panels must be filled-in to avoid having noise penetrate directly through the barrier.</p>	<p>Ensure construction and maintenance of temporary sound wall.</p>	<p>Prior to and during grading and construction activities.</p>	<p>Once prior to and periodically during grading and construction activities.</p>	<p>NVTa</p>			