

BURNT RANCH ESTATES COMMUNITY WATER SYSTEM IMPROVEMENT PROJECT

Description of Mitigation Measures

AQ-1: The following standard conditions for controlling dust emissions during construction will be required as to reduce impacts from fugitive dust generation:

- All active construction areas (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered a minimum of two times per day during the dry season.
- Hydroseed or apply non-toxic soil stabilizers to inactive construction areas.
- Dust-generating activities shall be limited during periods of high winds (over 15 mph).
- Suspend excavation and grading activity when winds exceed 25 mph.
- All haul trucks transporting soil, sand, or other loose material, likely to give rise to airborne dust, shall be covered.
- All vehicle speeds shall be limited to 15 miles per hour within the construction area.
- Promptly remove earth or other tracked-out material from paved streets onto which earth, or other material has been transported by trucking or earth-moving equipment.
- Conduct digging, backfilling, and paving of utility trenches in such a manner as to minimize the creation of airborne dust.
- Pave the backfilled trenches as soon as practicable after backfilling of the trenches.

BIO-1: If vegetation removal or ground disturbing activities occur during the nesting season (between February 1 and August 31), a pre-construction nesting bird survey should be conducted by a qualified biologist to identify active nests in and adjacent to the Project area. Surveys should begin prior to sunrise and continue until vegetation and nests have been sufficiently observed. The survey should consider acoustic impacts and line of sight Project disturbances to determine a sufficient survey radius to maximize observations of nesting birds. A nesting bird survey report should be prepared and, at a minimum, the report should include a description of the area surveyed, date and time of the survey, ambient conditions, bird species observed, a description of any active nests observed, any evidence of breeding behaviors (e.g., courtship, carrying nest materials or food, etc.), and a description of any outstanding conditions that may have impacted the survey results (e.g., weather conditions, excess noise, presence of predators). If an active nest is located during pre-construction surveys, a non-disturbance buffer should be established around the nest by a qualified biologist in consultation with CDFW and U.S. Fish and Wildlife Service to comply with Fish & Game Code Sections 3503 and 3503.5 and the Migratory Bird Treaty Act. Compliance measures may include, but are not limited to, exclusion buffers, sound attenuation measures, seasonal work closures based on the known biology and life history of the species identified during the survey, as well as ongoing monitoring by biologists. Nesting bird surveys should be conducted no more than one week prior to the initiation of construction. If construction activities are delayed or suspended for more than one week after the pre-construction nesting bird survey, the site should be resurveyed.

CUL-1: If cultural resources are encountered during construction activities, all onsite work shall cease in the immediate area and within a 50-foot buffer of the discovery location. A qualified archaeologist will be retained to evaluate and assess the significance of the discovery, and develop and implement an avoidance or mitigation plan, as appropriate. For discoveries known or likely to be associated with Native American heritage (prehistoric sites and select historic period sites), the tribes listed in Section 4.3 or those on file with the County should also be contacted immediately to evaluate the discovery and, in consultation with the project proponent, the County, and consulting archaeologist, develop a treatment plan in any instance where significant impacts cannot be avoided. Prehistoric materials which could be encountered include obsidian and chert debitage or formal tools, grinding implements, (e.g., pestles, handstones, bowl mortars, slabs), locally darkened midden, deposits of shell, faunal remains, and human burials. Historic archaeological discoveries may include early-20th century mining equipment, building foundations, structural remains, or concentrations of artifacts made of

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glass, ceramics, metal, or other materials found in buried pits, wells or privies.

CUL-2: If human remains are discovered during project construction, work will stop at the discovery location, within 20 meters (66 feet), and any nearby area reasonably suspected to overlie human remains (Public Resources Code, Section 7050.5). The Trinity County Coroner will be contacted to determine if the cause of death must be investigated. If the Coroner determines that the remains are of Native American origin, it will be necessary to comply with state laws relating to the disposition of Native American burials, which fall within the jurisdiction of the Native American Heritage Commission (NAHC; Public Resources Code, Section 5097). The Coroner will contact the NAHC. The descendants, or most likely descendants, of the deceased will be contacted and work will not resume until they have made a recommendation to the landowner or the person responsible for the excavation work for means of treatment and disposition, with appropriate dignity, of the human remains and any associated grave goods, as provided in Public Resources Code, Section 5097.98. Work may resume if the NAHC is unable to identify a descendant or the descendant failed to make a recommendation.

GEO-1: If paleontological resources are encountered during construction activities, all onsite work shall cease in the immediate area and within a 50-foot buffer of the discovery location. A qualified archaeologist will be retained to evaluate and assess the significance of the discovery, and develop and implement an avoidance or mitigation plan, as appropriate. For discoveries known or likely to be associated with Native American heritage (prehistoric sites and select historic period sites), mitigation measure CUL-1 would apply.

NOISE-1: The following measure will be implemented during construction activities to reduce noise levels:

- Construction activities shall be restricted to the hours between 7:00 a.m. and 5:00 p.m. Monday through Friday, and between the hours of 9:00 a.m. and 5:00 p.m. on Saturdays.
- Construction activity will not occur on Sundays or holidays.