

ATTACHMENT 2
Mitigation Monitoring and Reporting Program

Environmental Factor	Mitigation Measure	Implementation Responsibility	Monitoring/ Reporting Responsibility	Timing
Agriculture and Forestry Resources	MM AG-1: Agriculture Management Plan. To maintain consistency with General Plan Policy AG-P6, to prevent a net reduction in land base and agricultural production, the project sponsor shall maintain continual operation of agricultural uses on the property, including but not limited to sheep grazing, the keeping of honey bees, or planting of row crops, on a rotational basis. Prior to issuance of a certificate of occupancy for the project, the applicant shall submit the Agricultural Management Plan to the County of Humboldt Planning Director, summarizing the types and duration of agricultural uses as well as operator information for the property. The Agriculture Management Plan shall be subject to review by the Planning Director to confirm the effectiveness of the agricultural operations.	Project Sponsor/County of Humboldt	County of Humboldt	Prior to Final Permit Approval
Biological Resources	MM BIO-1: Workers Environmental Awareness Training (WEAT). All workers will receive a WEAT training by a qualified biologist. The WEAT will educate workers about all special-status species and related habitats potentially present in the Project Area, and the nature and purpose of protective measures, including BMPs and other required measures. Work areas, including staging areas, will be limited to those shown in the final Project description and included in the WEAT training. All heavy equipment, vehicles, and construction activities will be confined to these designated areas. A copy of all applicable AMMs will be kept on site at all times.	Project Sponsor	County of Humboldt	Prior to construction
Biological Resources	MM BIO-2: Delineation of Work Area and Work Period. Work areas, staging areas, and access roads will be limited to those shown in the final project description. Exclusion buffers around environmentally sensitive areas (ESAs) such as wetlands or active bird nests will be clearly flagged or fenced with temporary construction fencing. All heavy equipment, vehicles, and construction activities will be confined to designated work areas.			

	<p>Vehicle speeds on unpaved roads will not exceed 15 miles per hour. Because dusk, nighttime, and dawn are often the times when NRLF is most actively foraging and dispersing, all construction activities shall cease one half hour before sunset and should not begin prior to one half hour before sunrise.</p>	Project Sponsor	County of Humboldt	Prior to construction
Biological Resources	<p>MM BIO-3: Site Maintenance. Trash dumping, firearms, open fires (such as barbecues), hunting, and pets will be prohibited at the work site. All trash and waste items generated by construction or crew activities will be properly contained in a covered trash receptacle and removed from the Project Area daily or secured inside a covered, locking container. This includes biodegradable items such as apple cores and banana peels that attract predators such as raccoons and American crows that could prey upon sensitive wildlife species, which would be considered a potentially significant impact under CEQA.</p>	Project Sponsor	County of Humboldt	Prior to construction
Biological Resources	<p>MM BIO-4: Wildlife Entrapment. All Project personnel will visually check for animals beneath vehicles and equipment immediately prior to operation to minimize the potential for special-status species to be harmed by crushing or entrapment, which would be considered a potentially significant impact under CEQA. Any pipes, culverts, or other open-ended materials and equipment stored onsite for one or more overnight periods will be inspected for animals prior to moving, burying, or capping to ensure that no animals are present within these materials and equipment. To prevent accidental entrapment of wildlife during construction, all excavated holes, ditches, or trenches greater than six inches deep will be covered at the end of each work day by plywood or a similar material, or escape routes will be constructed with the materials that allow trapped wildlife to escape without slipping or being injured. After opening and before filling, any holes, ditches, or trenches will be thoroughly inspected for trapped animals by the project biologist or construction crew.</p> <p>If a special-status species is discovered in the Project Area, the Project Manager or Project biologist will be contacted. The Project Manager or Project biologist will report the sighting to the appropriate natural resource</p>	Project Sponsor	County of Humboldt	Prior to construction

	agency(ies) (e.g., CDFW, USFWS, etc.) within 24 hours when required by the agency. The animal will be allowed to move off site on its own. Special-status species will not be taken or harassed. No threatened or endangered species will be moved unless under the direction of the appropriate agency and by a qualified and/or permitted biologist.			
Biological Resources	MM BIO-5: Northern Red-legged Frog. A preconstruction survey will be performed no more than 3 days prior to the onset of construction to determine if any suitable burrows occur for NRLF on the site. Any small mammal burrows that will be impacted by pier installation or other ground penetrating activities shall be excavated by a permitted and agency approved biologist prior to construction activities. If any NRLF are observed during the preconstruction survey, CDFW shall be consulted to determine the best way to avoid impacts to NRLF. Ground-disturbing activities should be conducted during the dry season (May 15-October 15) to minimize take of NRLF. If construction activities are conducted within the dry season (May 15-October 15), exclusion fencing shall be installed around the work area prior to October 15 to prevent NRLF from migrating into work areas. The fencing material and design shall be reviewed and approved in writing by CDFW before installation. In the event a NRLF is encountered on site during construction, all construction activities will cease until the animal has left the project area on its own and is no longer in danger of harm. The project construction manager or project biologist will report the sighting to CDFW within 24 hours. No one other than a CDFW-approved biologist is permitted to handle or capture NRLF, and NRLF will not be taken or harassed.	Project Sponsor	County of Humboldt	Prior to construction
Biological Resources	MM BIO-6: Preconstruction Nesting Bird Survey: A nesting bird survey shall be completed by a qualified biologist no earlier than 14 days prior to any construction during the nesting season (February 15-August 31) to determine if any native birds are nesting on or near the site (including a 500-foot buffer for osprey, 660-foot buffer for bald eagle (USFWS 2007), and a 0.25 mile buffer for northern spotted owl (USFWS 2012). If any active nests are observed during surveys, a suitable avoidance buffer from the nests shall be determined by the qualified biologist based on species, location, and extent and type of planned construction activity. Construction within the buffer would be avoided until the chicks have fledged and the	Project Sponsor	County of Humboldt	Prior to construction

	<p>nests are no longer active, as determined by the qualified biologist. Suitable nesting habitat (i.e., trees and vegetation) shall only be removed outside of the bird breeding season to avoid impacts to nesting birds. Upon completion of the survey, a memo will be provided to the Planning and Building Department that will describe the methods and results of the survey and any related recommendations.</p>			
<p>Biological Resources</p>	<p>MM BIO-7: Wetlands and Water Quality: When handling and/or storing chemicals (fuel, hydraulic fluid, etc.) near waterways, all applicable laws/regulations and best management practices (BMPs) will be followed to prevent chemical transmission into waterways. Appropriate materials will be kept on site to prevent and manage spills. All construction equipment will be well maintained to prevent fuel, lubricants, or other fluid leaks. Equipment, when not in use, will be stored in upland areas outside of the boundaries of aquatic features (e.g., marsh) or other water bodies. Use of erosion and sediment control BMPs will follow County requirements or the Project Stormwater Pollution Prevention Plan (SWPPP) if required. BMPs composed of straw must be certified weed free. BMPs will not include micro-filament netting to avoid entrapment of wildlife. No fill or runoff will be allowed to enter wetlands or waterways.</p>	<p>Project Sponsor</p>	<p>County of Humboldt</p>	<p>Prior to construction</p>
<p>Cultural Resources</p>	<p>MM CULT-1: Protect Archaeological Resources during Construction Activities. Although the surface and subsurface investigations did not locate any archaeological resources, unknown resources have the potential to occur and could be disturbed during project construction. To ensure protection of unknown resources, the following is recommended.</p> <ul style="list-style-type: none"> • While the project has been designed to avoid potential impacts to historical site (HA-01), should this resource require removal to facilitate construction, a qualified archaeological monitor and consulting Native American monitor shall be present during the resulting ground-disturbing activity (including but not limited to vegetation clearing/grubbing, pile-driving, transformer and inverter pads, trenching, gravel access roads, etc.) for project development in order to assure there are no subsurface archaeological deposits present beneath the historic-period cultural resource. 	<p>Project Sponsor</p>	<p>County of Humboldt</p>	<p>During construction</p>

	<ul style="list-style-type: none"> • If archaeological resources are encountered during any ground disturbing activities associated with the project, the applicant shall immediately suspend all ground disturbing work at the find location within 100 feet of the finding (or a reasonable buffer zone as determined by a qualified archaeologist), contact the County Planning & Building Department, and retain a qualified professional archaeologist to analyze the significance of the find and formulate further mitigation (e.g., Project relocation, excavation plan, and protective cover) in consultation with culturally affiliated tribes or other descendant groups, where applicable. • Pursuant to California Health and Safety Code §7050.5, if known or suspected Native American or other human remains are encountered, all ground-disturbing work must cease in the vicinity of the discovery, and the County Coroner shall be contacted. The respectful treatment and disposition of remains and associated grave offerings shall be in accordance with Public Resource Code (PRC) §5097.98. The applicant and successors in interest are ultimately responsible for ensuring compliance with this condition. In the event the Project design changes and ground disturbance is anticipated beyond the APE as it is currently defined, further surveys shall be conducted in those new areas to assess the presence of cultural resources. Any newly discovered or previously recorded sites within the additional survey areas shall be recorded (or updated) on appropriate Department of Parks and Recreation (DPR) 523-series forms. If avoidance of these resources is not feasible, then an evaluation and/or data recovery program shall be drafted and implemented. 			
<p>Geology and Soils</p>	<p>MM GEO-1: Protect Archaeological Resources during Construction Activities. Should paleontological resources be encountered during project subsurface construction activities located in previously undisturbed soil and bedrock, all ground-disturbing activities within 25 feet shall be halted and a qualified paleontologist contacted to assess the situation, consult with agencies as appropriate, and make recommendations for the treatment of the discovery. For purposes of this mitigation, a “qualified paleontologist” shall be an individual with the following qualifications: 1) a graduate degree in paleontology or geology and/or a person with a demonstrated publication record in peer-reviewed paleontological journals; 2) at least two years of</p>	<p>Project Sponsor</p>	<p>County of Humboldt</p>	<p>During construction</p>

	<p>professional experience related to paleontology; 3) proficiency in recognizing fossils in the field and determining their significance; 4) expertise in local geology, stratigraphy, and biostratigraphy; and 5) experience collecting vertebrate fossils in the field.</p> <p>If the paleontological resources are found to be significant and project activities cannot avoid them, measures shall be implemented to ensure that the project does not cause a substantial adverse change in the significance of the paleontological resource. Measures may include monitoring, recording the fossil locality, data recovery and analysis, a final report, and accessioning the fossil material and technical report to a paleontological repository. Upon completion of the assessment, a report documenting methods, findings, and recommendations shall be prepared and submitted to the County for review. If paleontological materials are recovered, this report also shall be submitted to a paleontological repository such as the University of California Museum of Paleontology, along with significant paleontological materials. Public educational outreach may also be appropriate.</p> <p>The Project sponsor shall inform its contractor(s) of the sensitivity of the project site for paleontological resources and shall verify that the following directive has been included in the appropriate contract specification documents:</p> <p>“The subsurface of the construction site may contain fossils. If fossils are encountered during project subsurface construction, all ground-disturbing activities within 25 feet shall be halted and a qualified paleontologist contacted to assess the situation, consult with agencies as appropriate, and make recommendations for the treatment of the discovery. Project personnel shall not collect or move any paleontological materials. Fossils can include plants and animals, and such trace fossil evidence of past life as tracks or plant imprints. Marine sediments may contain invertebrate fossils such as snails, clam and oyster shells, sponges, and protozoa; and vertebrate fossils such as fish, whale, and sea lion bones. Vertebrate land mammals may include bones of mammoth, camel, saber tooth cat, horse, and bison. Contractor acknowledges and</p>			
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	understands that excavation or removal of paleontological material is prohibited by law and constitutes a misdemeanor under California Public Resources Code, Section 5097.5.”			
Land Use and Planning	Implementation of MM AG-1: Agriculture Management Plan.	Project Sponsor/County of Humboldt	County of Humboldt	Prior to Final Permit Approval
Tribal Cultural Resources	Implementation of MM CULT-1: Protect Archaeological Resources during Construction Activities.	Project Sponsor	County of Humboldt	During construction