

Chapter IV MITIGATION MONITORING AND REPORTING PROGRAM



This Mitigation Monitoring and Reporting Program (see Table IV-1) has been prepared to comply with the requirements of State law (Public Resources Code Section 21081.6). State law requires the adoption of a mitigation monitoring program when mitigation measures are required to avoid significant impacts. The monitoring program is intended to ensure compliance during implementation of the project.

This Mitigation Monitoring and Reporting Program has been formulated based upon the findings of the DEIR and the comments received on the DEIR and addressed herein. This Mitigation Monitoring and Reporting Program identifies mitigation measures recommended in the DEIR to avoid or reduce identified impacts, and specifies the agencies/parties responsible for implementation and monitoring of the measure.

The first column identifies the mitigation measure. The second column entitled "Party Responsible for Ensuring Implementation" refers to the person(s) who will undertake the mitigation measures. The third column entitled "Party Responsible for Monitoring" refers to the person/agency responsible for ensuring that the mitigation measure has been implemented and recorded. The fourth column entitled "Monitoring Timing" identifies when and/or for how long the monitoring shall occur. If an impact was found to be less than significant and did not require mitigation, no monitoring would be required.

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
AESTHETICS						
<u>AESTHETICS-1a</u> : New landscaping shall be planted at the edge of the gravel parking area fronting on Kimtu Road in Area 5, the Sports Area. This landscaping shall be low evergreen shrubs that would partially screen parked cars from view from Kimtu Road. All vegetation planted as mitigation shall be planted outside the County-maintained road right-of-ways, meet the County visibility ordinance, not block county road drainage, or cause additional maintenance for the road crew. Prior to installing vegetation, the planting plan should be reviewed by the Department of Public Works.	SHCP	HCPBD and County Public Works	Prior to and during construction of ballfields in Area 5			
<u>AESTHETICS-1b</u> : Similar evergreen shrubbery shall be planted. After 5 years the shrubs shall be at least 4 feet in height and provide a visual screen for a minimum of 85 percent of the view of the parking areas for Area 5 adjacent to Kimtu Road adjacent to Kimtu Road to screen the proposed skate park and dog park in Area 5 from view. However, landscaping plans shall be reviewed and approved by the Public Works Department to ensure that landscaping would not interfere with sight visibility for safety reasons.	SHCP	HCPBD and County Public Works	Prior to and during construction of ballfields in Area 5			
<u>AESTHETICS-1c</u> : All new buildings and other built features at the project site shall be painted in neutral colors to blend into the surroundings and shall not include reflective materials.	SHCP	HCPBD	Prior to occupancy permit			
<u>AESTHETICS-2a</u> : The applicant shall prepare a lighting plan that shall address the facility lighting placement and design for ongoing operations. This plan shall be reviewed and approved by the County's Planning Department. To avoid intrusion into neighboring properties and visibility from nearby roads, all lighting shall be shielded and directed downwards, and shall use the minimum wattage to allow safe conditions. Pathway lighting shall be placed low to the ground to minimize excess lighting. Temporary lighting of parking areas during festival events shall be shielded and directed to minimize glare.	SHCP	HCPBD	Prior to occupancy permit			
<u>AESTHETICS-2b</u> : Lighting shall be on timers to minimize the number of hours of lighting at the project site.	SHCP	HCPBD	Prior to occupancy permit			
<u>AESTHETICS-2c</u> : During festival events, all concession participants shall be informed of the need to minimize lighting at the project site. This requirement shall be included in the Conditional Use Permit for the project site.	SHCP	HCPBD	During first year of on-site events			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
AGRICULTURAL/FORESTRY RESOURCES						
AGFR-1: The 4-acre temporary parking zone in Area 3 shall be not be used for parking until after the hay crop is harvested. The project applicant shall remove all trash and debris from fields used for parking and return the field to productive use for the next season.	SHCP	HCPBD	Annually, prior to use of Area 3 for parking			
To protect the continued agricultural use of Area 3, the applicant shall record a deed restriction on the Area 3 part of the property that would convey to the County the development rights for any development other than the existing uses. This restriction shall preclude any improvements in the area except those for agricultural purposes, such as greenhouses and barns. The restriction would allow the use of the area for parking for temporary events, and the use of ranch roads for moving people and equipment associated with those events, because no new development would be needed for these temporary uses. The deed restriction may include a clause releasing the restriction at the time the zoning and general plan are changed to limit the use of the property to agricultural uses.	SHCP	HCPBD	Prior to Rezoning			
<p>No additional mitigation is available for the loss of farmland. Two additional mitigation options—purchase of conservation easements on agricultural land and payment of fees to fund agricultural land preservation—have been found to be infeasible. The first option, purchase of conservation easements, appears to be economically infeasible for the project. According to the project applicant, purchase of an off-site easement would be economically infeasible because the applicant would not be able to afford the purchase cost. The applicant has investigated the possibility of establishing an on-site easement, but found that the property was not large enough to interest agricultural conservation groups and that the costs of an on-site easement (e.g., creating an endowment to fund the easement upfront, paying annual monitoring and reporting fees) would be too high for the applicant alone to afford. The second option, payment of mitigation fees, also appears to be infeasible, as the County does not have a mechanism for collecting and administering such fees.</p> <p>Therefore, while this mitigation measure would help reduce the farmland conversion impact, the project would still result in a net loss of farmland. The impact would therefore be significant and unavoidable.</p>						
AIR QUALITY						
AIR-1: The project lies within the jurisdiction of North Coast Unified Air Quality Management District (NCUAQMD). All project construction and management shall comply with NCUAQMD ordinances for dust control. Project grading and construction shall use best available fugitive	SHCP	NCUAQMD	During construction			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>dust control measures during operations in order to reduce the amount of particulate matter that is present in the air as a result of man-made fugitive dust sources.</p> <p>The following best management practices shall be implemented to reduce emissions and control dust during all project construction and grading activities that involve ground disturbance of 1,000 square feet or more:</p> <ol style="list-style-type: none"> 1. Water all active construction areas at least twice daily; 2. Maintain at least 2 feet of freeboard for haul trucks; 3. Cover all trucks hauling soil, sand, and other loose materials; 4. Plant vegetative ground cover in disturbed areas as soon as possible; 5. Cover inactive soil storage piles; and 6. Treat accesses to a distance of 100 feet from the paved or gravel road with a 6- to 12-inch layer of wood chips or mulch, or treat accesses to a distance of 100 feet from the paved road with a 6-inch layer of gravel. 						
<p><u>AIIR-2a:</u> On-site access roads used for movement of people and goods shall be watered at least twice daily for large and medium-sized events to reduce PM₁₀ emissions. Access roads shall be treated to a distance of 100 feet from the paved or gravel road with a 6- to 12-inch layer of wood chips or mulch, or accesses shall be treated to a distance of 100 feet from the paved road with a 6-inch layer of gravel.</p>	SHCP	HCPBD	During medium and large events			
<p><u>AIIR-2b:</u> For large and medium-sized events, the Traffic Control Plan (see Appendix E) shall be implemented. The Traffic Control Plan demonstrates how shuttle ridership and carpools would be strongly encouraged in an effort to reduce traffic on Sprowel Creek Road; how the use of shuttle buses from both Redway, Garberville, Benbow, and Richardson Grove campground would help reduce the impact of vehicles on park properties, and how all attendees and volunteers would be encouraged to use the shuttle (e.g., by charging parking fees while shuttles would be free).</p>	SHCP	HCPBD and County Public Works	During medium and large events			
BIOLOGICAL RESOURCES						
<p><u>BIO-1a:</u> Major construction activities and vegetation management for fire fuel reduction shall be performed in compliance with the Migratory Bird Treaty Act (MBTA) and relevant sections of the California Fish and Wildlife Code to avoid loss of bird nests in active use. This shall be accomplished by preferably scheduling vegetation removal for fire fuel management and major construction activities outside of the bird nesting season (which occurs from February 15 to August 31) to avoid possible impacts on nesting birds if new nests are established in the</p>	SHCP	HCPBD	Prior to and during construction			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>future.</p> <p>Alternatively, if these activities cannot be restricted to the non-nesting season (September 1 to February 14), a pre-construction nesting survey shall be conducted depending on the proposed activity as defined below. The pre-construction nesting survey(s) shall include the following:</p> <ul style="list-style-type: none"> ▪ A qualified biologist (Biologist) shall conduct a pre-construction nesting bird (both passerine and raptor) survey within 7 days prior to major construction and fire fuel management activities. Construction activities requiring pre-construction surveys include: sports field improvements in the Sports Area; Environmental Camp and concession stand in the Commons Area; the new restroom, new parking, and roadway improvements in the Park Headquarters Area; and traffic circle and replacement restroom in Tooby Memorial Park. Major tree limbing and brush thinning for fire fuel management shall also require a pre-construction nesting survey when performed during the nesting season. Birds typically acclimate to on-going vegetation management practices associated with farming and property maintenance, such as hay crop harvest, field tilling, and mowing for trail clearance, special event area maintenance and other property maintenance, and no preconstruction surveys or special avoidance measures are typically considered necessary for these activities. ▪ If no nesting birds are observed, no further action is required and scheduled activities shall be initiated within 7 days of the survey to prevent take of individual birds that could begin nesting after the survey. ▪ Another nest survey shall be conducted if more than 7 days elapse between the initial nest search and the beginning of the scheduled major construction activities or fire fuel management activity during the nesting season. Follow-up nest surveys are not required for on-going maintenance activities and events because birds typically acclimate to these activities or would avoid nesting in the vicinity if sensitive to the associated noise, increase in human activity and other disturbance levels. ▪ If any active nests are encountered, the Biologist shall determine an appropriate disturbance-free buffer zone to be established around the nest location(s) until the young have fledged. Buffer zones vary depending on the species (i.e., typically 75 to 100 feet for passerines and 300 feet for raptors) and other factors such as on-going disturbance in the vicinity of the nest location. If necessary, the dimensions of the buffer zone shall be determined in consultation with the California Department of Fish and Wildlife. 						

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<ul style="list-style-type: none"> ▪ Orange construction fencing, flagging, or other marking system shall be installed to delineate the buffer zone around the nest location(s) within which no construction-related equipment or operations shall be permitted. Continued use of existing facilities such as occupied buildings, existing parking, and site maintenance may continue within this buffer zone where the nesting birds have acclimated to these activities. ▪ No restrictions on activities outside the prescribed buffer zone are required once the zone has been identified and delineated in the field and workers have been properly trained to avoid the buffer zone area. But additional controls on lighting, noise amplification and other possible disturbance sources that could affect the viability of nest success shall be considered by the Biologist, and recommendations and restrictions defined, if necessary. ▪ Construction activities shall be restricted from the buffer zone until the Biologist has determined that young birds have fledged and the buffer zone is no longer needed. ▪ A survey report of findings verifying that any young have fledged shall be submitted by the Biologist for review and approval by the County prior to initiation of major construction activities and major fire fuel vegetation management within the buffer zone. Following written approval by the County, restricted activities within the nest-buffer zone may proceed. 						
<p><u>BIO-1b</u>: Agricultural practices shall be performed in a manner that ensures compliance with the Migratory Bird Treaty Act (MBTA) and relevant sections of the California Fish and Wildlife Code to avoid loss of bird nests in active use. This shall be accomplished through preparation of an Adaptive Management Plan for Protection of Nesting Bird Habitat (AMPPNBH), focusing on management practices of the hayfields and pasturelands on the site. The AMPPNBH shall be prepared by a qualified biologist with experience in conservation and agricultural management practices, and shall be completed by the onset of construction of any playing fields or other conversion of grassland habitat on the site. The AMPPNBH shall include the following components to ensure avoidance of bird nests in active use:</p> <ul style="list-style-type: none"> ▪ If possible, defer agricultural mowing practices until near the end of the grassland bird breeding season (i.e., after July 15) on fields not used for intensive hay production. This includes areas such as fallow fields, edge habitats, marginal farmlands and weedy areas. ▪ Use flushing bars on haying equipment to alter and flush birds hiding in grass in advance of mowing equipment. ▪ Avoid nighttime mowing to reduce the risks of injure to roosting birds. ▪ Raise mower blades to 6 inches or more to minimize the potential for crushing ground nests and young. 	SHCP	HCPBD	Prior to and during construction of ballfields; on-going after construction			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<ul style="list-style-type: none"> ▪ Train equipment operators to be alert for nesting birds during mowing and other operations. Avoiding locations where birds are frequently seen and leaving small patches of unmowed field can easily protect possible nest locations that are otherwise difficult to detect in dense cover. ▪ Mow hayfields "from the inside out" rather from the perimeter toward the center, which forces birds into a continuously smaller space as they try to avoid the harvester. Gradually working toward the field edges allows birds and other animals a greater opportunity to flush outward toward surrounding cover. ▪ Use staff and volunteers from local bird clubs or conservation organizations to assist in determining where and what birds may be nesting in hayfields prior to mowing. Careful observations can determine the approximate nest locations prior to intensive mowing and hay harvest, and when birds have successfully raised their young. ▪ Consider limitations on grazing intensity where grassland nesting birds may be present. <p>Prior to construction of the ballfields, in consultation with CDFW, prepare an Adaptive Management Plan for Protection of Nesting Bird Habitat (AMPPNBH), focusing on management practices of the hayfields and pasturelands on the site. The AMPPNBH shall be prepared by a qualified biologist with experience in conservation and agricultural management practices, and shall be completed prior to construction of any playing fields or other conversion of grassland habitat on the site. The AMPPNBH shall incorporate the above components as a long-term program for hayfield and pasture management that considers the possible disruptions that mowing, plowing, seeding, and rotation may have on grassland nesting bird species. As birds are typically faithful to nesting locations, altering management practices during the bird nesting season could have adverse consequences on nesting habitat suitability. The AMPPNBH shall be submitted to the Planning and Building Department and will be subject to the review and approval of the Planning Director in consultation with CDFW prior to authorizing any ground disturbance associated with the ballfields.</p> <p><u>BIO-2a:</u> A Wetland Protection and Replacement Program (WPRP) shall be prepared by a qualified wetland specialist and implemented to provide compensatory mitigation for modifications to any areas of jurisdictional waters affected by the project, and to ensure compliance with County General Plan policies and the SMA Ordinance related to stream and wetland protection and mitigation. At a minimum, the WPRP shall contain the following components:</p> <ul style="list-style-type: none"> ▪ If on-site avoidance of jurisdictional waters, streams and wetlands identified in the SMA 						
	SHCP, HCPBD, with involvement by applicable agencies	HCPBD	Prior to any modification to on-site wetlands and prior to construction			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>ordinance is not feasible, the WPRP shall provide compensatory mitigation at a minimum 2:1 ratio (ratio of mitigation acreage or credits to affected jurisdictional waters, streams and wetlands identified in the SMA ordinance), subject to the review and approval by the Planning Director in consultation with CDFW and other regulatory agencies. Any habitat created as compensatory mitigation shall be monitored for a minimum of 5 years or until success criteria are met, as defined in the WPRP to ensure successful establishment. The WPRP shall specify success criteria, maintenance and long-term management responsibilities, monitoring requirements, and contingency measures necessary to achieve a minimum survival rate of 85 percent of planted species following the first year of planting and 75 percent following the fourth year of planting.</p> <ul style="list-style-type: none"> ▪ Annual monitoring reports shall be provided to the Planning Director, CDFW and other regulatory agencies before December 31 of each monitoring year, summarizing the status of revegetation efforts, and any maintenance activities performed or required. Photographs of the location from either side of the treatment area shall be included. Maintenance and monitoring shall continue until the area is completely revegetated with a minimum of 80 percent absolute cover of plants comprised of species similar to the undisturbed affected area as reviewed and approved in writing by the Planning Director in consultation with CDFW and other regulatory agencies. ▪ Orange construction fencing shall be installed at the edge of adjacent jurisdictional waters to be preserved to ensure no disturbance to these features. The construction fencing shall remain in place for the entire duration of construction to ensure construction equipment avoids these areas. ▪ A qualified biologist/restoration specialist shall meet with heavy equipment operators prior to the beginning of site-disturbing activities to explain the required mitigation, and be available during the initial phase of construction to provide situation-specific avoidance measures. ▪ Installation of the pedestrian bridges and other seasonal creek crossings or modifications shall be performed during the summer and fall months when the channels are dry, to minimize disturbance to aquatic habitat and avoid the need for temporary coffer dam and possible dewatering during construction. ▪ Any areas to be retained as natural habitat and disturbed as part of construction shall be restored to prevent erosion and contamination of nearby receiving waters. Monitoring shall be provided as part of the larger WPRP for a minimum of 5 years to ensure the disturbed area is successfully revegetated. ▪ Authorization for modifications to jurisdictional waters on the site shall be obtained by the 						

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>applicant from the U.S. Army Corps of Engineers (Corps) under Section 404 of the Clean Water Act, the Regional Water Quality Control Board (RWQCB) under Section 401 of the Clean Water Act, and the California Department of Fish and Wildlife (CDFW) under Section 1602 of the State Fish and Game Code.</p> <ul style="list-style-type: none"> All legally required permits or other authorizations shall be obtained by the applicant from the U.S. Fish and Wildlife Service (USFWS), National Marine Fisheries Service (NOAA Fisheries), and CDFW for the potential "take" of protected species under the federal and California Endangered Species Acts, if required. Although considered unlikely given the absence of suitable habitat for State- or federal-listed special-status species, the resource agencies make the determination on the need for any consultation or incidental take permits. This EIR specifically does not allow development that would require an incidental take permit. Subsequent environmental review would be required for approval of any development that requires an incidental take permit. Proof that all appropriate authorizations have been secured from the Corps, RWQCB, and CDFW and that adequate compensatory mitigation has been defined shall be furnished to the County prior to the issuance of a grading permit for any component of the project affecting jurisdictional waters. Provide over-story plantings along the western-most stream to the satisfaction of CDFW. 						
<p><u>BIO-2b:</u> To address potential indirect impacts on water quality and downgradient receiving waters in the vicinity of the site, the applicant shall implement best management practices under the Storm Water Pollution Prevention Plan (SWPPP) called for in Mitigation Measure HYDRO-1a and the Stormwater Control Plan (SCP) called for in Mitigation Measure HYDRO-1b.</p> <p>The combination of the two measures above would reduce this impact to a less-than-significant level.</p>	SHCP, HCPBD, & County Public Works	HCPBD and County Public Works	Prior to construction			
<p><u>BIO-3a:</u> A qualified landscape architect or restoration ecologist who specializes in native habitat restoration shall be retained to incorporate the following provisions into the Landscape and Revegetation Plans for the project:</p> <ul style="list-style-type: none"> Prohibit the use of highly undesirable species in landscape improvements on the site which could spread into the adjacent open space areas. Unsuitable species include: blue gum eucalyptus (<i>Eucalyptus globulus</i>), acacia (<i>Acacia</i> spp.), pampas grass (<i>Cortaderia selloana</i>), broom (<i>Cytisus</i> spp. and <i>Genista</i> spp.), gorse (<i>Ulex europaeus</i>), bamboo (<i>Bambusa</i> spp.), giant reed (<i>Arundo donax</i>), English ivy (<i>Hedera helix</i>), German ivy 	SHCP, HCPBD	HCPBD	Prior to use of the site for any medium or large event			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>(<i>Senecio milanioides</i>), cotoneaster (<i>Cotoneaster pannosus</i>), and periwinkle (<i>Vinca</i> spp.), among others identified in the CalEPPC List.</p> <ul style="list-style-type: none"> Define maintenance and monitoring provisions to ensure the successful establishment and long-term viability of native plantings and the control and eradication of highly aggressive non-native broom and other noxious weeds. The maintenance and monitoring program shall be implemented during a minimum 5-year monitoring required as part of tree replacement and wetlands mitigation, and shall continue as part of long-term maintenance of open space areas. Provide adequate controls to prevent unauthorized vehicle access to natural areas to be retained. These can include appropriately placed bollards, gates, and wildlife friendly fencing that serves to control unauthorized vehicle access but allows for movement by larger terrestrial wildlife. Provide for reseeding of all graded slopes not proposed for roadways and other improvements with a mix of native grasses and forbs appropriate for the site rather than a conventional seed mix typically used for erosion control purposes to replace and improve existing habitat values of grasslands disturbed on the site. 	SHCP	HCPBD	During project operation and prior to occupancy permit (for lighting)			
<p><u>BIO-3b</u>: Measures recommended in Mitigation Measures BIO-1, BIO-2a, BIO-2b, BIO-3a, and BIO-4 would serve to partially protect important natural habitat on the site for wildlife, avoid the potential loss of nests in active use, and minimize disturbance to wetlands and provide for replacement of affected jurisdictional waters. The following additional provisions shall be implemented to further protect wildlife habitat resources that could otherwise be compromised as part of the project:</p> <ul style="list-style-type: none"> Permanent and temporary lighting shall be carefully designed and controlled to prevent unnecessary illumination of natural habitat on the site. Lighting shall be restricted to the immediate vicinity of areas necessary to provide the minimum level necessary for safety purposes to illuminate pathways and other outdoor areas. Lighting shall generally be kept low to the ground, directed downward, and shielded to prevent illumination into adjacent natural areas. Dogs and cats shall be kept on leash at all times when on trails and natural areas on the site. All garbage, recycling, and composting shall be kept in closed containers and latched or locked to prevent wildlife from using the waste as a food source. This shall include trash generated during temporary special events. 						

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>BIO-4: Implementation of Mitigation Measures BIO-2a and BIO-2b would ensure adequate mitigation is provided for the direct loss of jurisdictional waters on the site, that protection and restoration of nearby waters is provided by the project, and that required authorizations are secured by regulatory agencies with evidence of compliance provided to the County prior to issuance of a grading permit. The following additional provisions shall be implemented to ensure conformance with relevant policies and standards in the County's General Plan and to meet with the intent of the SMA Ordinance:</p>						
<ul style="list-style-type: none"> ▪ Provide compliance with Section 314-61.1, Streamside Management Area Ordinance of the Zoning Code and secure all required permits for any modifications to regulated habitat areas along streams and other wet areas. 	SHCP	HCPBD	Prior to construction of the pedestrian bridge in Area 4			
<ul style="list-style-type: none"> ▪ Relocate the portion of the Environmental Camp in Area 4 so that it is sited outside of the 50-foot buffer setback along the adjacent seasonal creek to the east. Although potential impacts associated with the few tents and other improvements near the top of bank are relatively minor, the buffer area is important to minimize vegetation removal, trampling and concentrated human activity along the seasonal creek. 	SHCP	HCPBD	Prior to use of Area 4 for camping			
<ul style="list-style-type: none"> ▪ Restrict use of the Temporary Event facilities in Area 4 to the dry season (May 1 to October 31) to minimize disturbance to nearby seasonal aquatic habitat associated with the seasonal creeks. Exception to this restriction period may be authorized if field inspection verifies that surface water is no longer present in the spring months and that rains are not forecast in the fall months. 	SHCP	HCPBD	On-going			
<ul style="list-style-type: none"> ▪ Provide pedestrian bridge crossings over the seasonal creeks in the vicinity of the Temporary Event facilities and the Environmental Camp along designated trails to avoid concentrated pedestrian activity in the channel bottom. 	SHCP	HCPBD	Prior to use of Area 4 for camping			
<ul style="list-style-type: none"> ▪ Install split rail fencing and interpretive signage to direct park users to designated creek crossing locations and minimize the potential for concentrated informal crossings of the creek channels. 	SHCP	HCPBD	(same as above)			
<p>BIO-5: Recommendations contained in the Water Supply and Demand Analysis and Potential Impacts on Surface Water and Aquatic Habitat (WSDAPISWAH) shall be implemented to address the project's contribution to cumulative impacts on aquatic life in the South Fork Eel River. These consist of the following and are described in more detail below: 1) general recommendations for design and operation of the park, 2) adaptive management practices during times of water scarcity, and 3) controls on water availability through increased water storage capacity and restrictions on flow diversions from the South Fork Eel River during the dry season.</p>						

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
General Recommendations						
The following are general recommendations to address the project contribution to cumulative impacts on aquatic life in the South Fork Eel River and to improve the beneficial effects of the project on improving habitat conditions. Some of these must be rigidly enforced, such as use of appropriate drought-tolerant turfgrass species and appropriate irrigation design that can substantially reduce water demand. These are very specific recommendations where compliance with the recommendation can be established as a performance standard for the measure.						
<ul style="list-style-type: none"> ▪ Improvements to Water Storage Capacity – As a goal of improving habitat conditions, the applicant shall work with the appropriate specialists to improve water storage capacity on the site. The project vicinity typically receives an average of 58 inches of precipitation, but the majority of the precipitation occurs between mid-October and mid-May. Thus, retaining water on-site during the wet season and allowing it to discharge back into the river during the dry season is the best means of further enhancing the hydrologic benefits that the park already provides. Water can be retained on-site by enhancing wetlands, restoring riparian areas, constructing infiltration or water storage ponds, and storing water in tanks. It is likely that enhancing groundwater recharge by enhancing wetlands, and restoring riparian areas would be the least expensive and infrastructure-intensive means of accomplishing this goal and would bring with it a suite of additional environmental benefits. 	SHCP	HCPBD	On-going			
<ul style="list-style-type: none"> ▪ Installation of Drought-tolerant Turfgrass – Drought-tolerant cool turfgrass species, such as Native Bentgrass™ from Delta Bluegrass, Zoysia 'De Anza', and/or Buffalo grass 'UC Verde' shall be used for turf plantings in the playfields and other areas of irrigated turf on the site. Each species and cultivar has differing benefits and advantages, but factors that shall be considered when selecting the type(s) of grass to be planted include evapotranspiration potential, drought tolerance, dormancy, soils structure and fertility, fertilizer demand, mowing height, invasive weed potential, and durability. Species that are recognized as an invasive species by the California Invasive Plant Council shall not be used. A landscaping firm experienced in turfgrass cultivation in similar Mediterranean climate zones shall be consulted by the applicant in selecting the exact species and cultivars for the playfields. Hybridized drought-resistant grass species and cultivars typically use about 70 percent of the water required by non-hybridized species. 	SHCP	HCPBD	During construction of the ballfields			
<ul style="list-style-type: none"> ▪ Appropriate Design of Irrigation Systems – Irrigation systems shall be designed with best available irrigation technologies, and be low-to-the ground and subsurface to reduce the potential for evaporation. Generally, sprinkler systems that apply water as close to the ground surface as possible will result in less evaporative loss. In addition, watering shall 	SHCP	HCPBD	During construction of the ballfields			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
occur at night or in the early morning hours, which also reduces evaporation.						
<ul style="list-style-type: none"> Seasonal Restrictions for Irrigation – Most importantly, the irrigation allowance shall be determined based on the characteristics of each water year (when and how much precipitation falls) as that should influence how playfields are managed. Deciding when to cease irrigating the playfields is one of the most critical adaptive management measures for mitigating the potential adverse impacts associated with turf irrigation, and restrictions are defined further below under recommendations for adaptive management. 	SHCP	HCPBD	Annually before irrigation			
<p>Adaptive Management Practices</p> <p>There is a hierarchy of need for water in most communities during times of water scarcity. While sports fields are important for communities to congregate, turfgrass can be replanted after a drought in which irrigation is halted and grass dies. Water needed for direct human consumption often overrides most other uses, trailed closely by irrigation for food crops, and water needed to support instream beneficial uses. However, while alternative water supplies may sometimes be available for human needs, requirements for aquatic organisms can only be met through maintenance of life-sustaining minimum flows and viable water quality. Given the drought conditions that have been ongoing for at least 3 years (at the time of this writing), irrigation of the sports field during extended drought conditions is likely to be highly scrutinized and of reduced priority compared to other needs.</p> <p>For this reason, the WSDAPISWAH recommends establishing a water budget for various irrigation demands on the site, as well as a triggering mechanism for the reduction or cessation of irrigation during periods of water shortage, based on higher priority uses. There are likely to be several tiers of demand within the beneficial uses that currently need to be serviced at the site including direct human consumption, residential uses, irrigation of trees and other established semi-permanent vegetation, irrigation of annual row crops, irrigation of turfgrass, and irrigation of pasture/wetlands. This water budget and management procedures would be defined as part of an Adaptive Management Plan for the site, as required below.</p> <p>The monitoring and management strategy defined in the Adaptive Management Plan shall consider current riverine, atmospheric, and antecedent precipitation conditions when determining the quantity of water available to irrigate turfgrass on the playfields. When the design and construction of new facilities is initiated, they shall be informed by the findings contained in the Adaptive Management Plan, and the findings shall be used in determining what type of and how many playfields are to be constructed. Phasing of the playfield</p>	SHCP	HCPBD	Prior to construction of any playing fields			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>construction would also allow field capacities to equilibrate with user demand and resource availability.</p> <p>The WSDAPISWAH recommends that the irrigation cutoff threshold for the playfields be significantly higher than the 17-cubic-foot-per-second (cfs) flow conditions in the South Fork Eel River observed in July 2015. A threshold of 30 cfs beyond which the playfields could only be irrigated with stored or recycled water is recommended. This threshold would result in less vigorous turf at the onset of the wet season. One adaptation could be rotating the location(s) and layout(s) of fields in active use throughout the dry season in a manner that spreads the recreational impact on desiccated turf throughout the entire playfield area.</p> <p>The following measures are recommended to provide adaptive management in future water use at the site:</p> <ul style="list-style-type: none"> ▪ Develop an Adaptive Management Plan by a qualified hydrologist/landscape contractor that establishes a reliable means of determining the annual irrigation water diversion cutoff date. The Adaptive Management Plan shall be in place by the onset of construction of any playing fields. 						
<ul style="list-style-type: none"> ▪ Consult with turfgrass and sports field irrigation system experts before laying out sports fields and designing irrigation systems in order to determine the best drought-tolerant turfgrass and irrigation strategies to reduce water consumption. 	SHCP	HCPBD	Prior to construction of the ballfields			
<ul style="list-style-type: none"> ▪ Refine the water demand summary for agricultural areas and turfgrass (from the 2014 “Water Supply and Demand Analysis Memorandum” prepared for the project applicant by GHD; see Appendix G of the Draft EIR) using the WSDAPISWAH Estimated Water Demand to provide more detail for the site. 	SHCP	HCPBD	Prior to construction of the ballfields			

Future Water Storage and Restrictions on Flow Diversions

The Lake and Streambed Alteration Agreement (LSAA) with the California Department of Fish and Wildlife (CDFW) allows up to 2,000 gallons per day or 10 percent of the streamflow to be diverted from the spring currently used by the applicant between November 1 and July 1 of each year. The other diversion serving the site is from an infiltration gallery in the South Fork Eel River that is allowed to operate at a maximum diversion rate of 0.24 cfs. Use of the infiltration gallery currently does not have a specified period of diversion in the LSAA.

The following measures are recommended to improve future water storage and ensure adequate restrictions on in-channel diversions that could otherwise result in a cumulatively significant contribution to adverse effects on the aquatic habitat of the South Fork Eel River during the dry season:

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<ul style="list-style-type: none"> The applicant shall install additional non-potable water storage facilities on the site for irrigation and as a source of fire suppression water for the Main Agricultural and Forestland areas. 	SHCP	HCPBD	Prior to construction of the ballfields			
<ul style="list-style-type: none"> Diversion from the South Fork Eel River infiltration gallery shall cease when the flow at Sylvandale (USGS Gauge #11476500) is nominally less than 30 cfs. 	SHCP	HCPBD	On-Going			
<ul style="list-style-type: none"> SHCP staff will track streamflow at Sylvandale (USGS Gauge #11476500), available from USGS website) between July 1st and October 31st. If streamflow drops below 40 cfs, streamflow data will be checked daily before diverting water from the South Fork Eel River infiltration gallery for sports field irrigation. No diversion from the South Fork Eel River infiltration gallery will occur when the collected streamflow data shows the flow at Sylvandale (USGS Gauge #11476500) is less than 30 cfs. The LSAA with the CDFW requires that streamflow be measured prior to any diversion if water is diverted between July 1 and October 31. Measurements shall be taken at USGS Gauge 11476500. 	SHCP	HCPBD	On-Going			
<ul style="list-style-type: none"> A report consisting of streamflow measurements and diversion data will be submitted annually by December 31st to the Planning Director and the CDFW. The report shall also assess the effectiveness of the mitigation measure, and make recommendations for increasing the efficacy of the mitigation, if needed. This report shall be subject to the approval of the Planning Director in consultation with the CDFW. 	SHCP	HCPBD	Annually by December 31 st			
<ul style="list-style-type: none"> The applicant shall secure other funding to install additional water storage tanks and other on-site facilities to improve availability during the dry season. The additional water storage capacity can be defined as part of the Adaptive Management Plan, and preferably implemented in conjunction with construction of the future sports fields. Depending on the location selected for these tanks and other storage facilities, additional environmental review may be required. Any necessary environmental review shall be conducted before the facilities are installed. 	SHCP	HCPBD	On-going			
<p>The combination of the measures above would reduce the project's contribution to the cumulative impact to less than significant.</p>						
CULTURAL RESOURCES						
<p>CULTURAL-1: Any remodel, reconfiguration, or rehabilitation of the ranch house, cabin, garage, or other contributing buildings to the historical Wood/Tooby Ranch Complex by the project shall be conducted in accordance with the Secretary of the Interior's Standards for Rehabilitation (Standards) and undertaken with the assistance of an individual meeting the</p>	SHCP	HCPBD	Prior to construction, remodel, or reconfiguration of buildings in Area 2.			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>Secretary of the Interior’s Professional Qualifications Standards for historic architecture (qualified architect). The qualified architect shall review the applicant’s plans for work on the Wood/Tooby Ranch Complex buildings and provide written recommendations to the applicant and County to ensure that modifications to historical buildings are done in compliance with the appropriate standards. The qualified architect shall oversee remodeling, reconfiguration, or rehabilitation of the historical buildings to ensure that work is done in compliance with the standards. The County shall ensure that the recommendations of the qualified architect are followed as a condition of project approval.</p> <p><u>CULTURAL-2a</u>: The Site Monitoring and Protection Protocols described in the Community Park Cultural Resources Management Plan (Verwayen and Whiteman, 2008) shall be implemented for the project. These monitoring and protection protocols include the following:</p>						
1. Placement of Protective and/or Interpretive Signs: Signs shall be placed at strategic locations in the community park—such as near restrooms, at kiosks, and trailheads—prohibiting surface collection of artifacts or digging in archaeological sites.	SHCP	HCPBD	Prior to construction and prior occupancy permit for restrooms in Area 1 and Area 5			
2. Site Patrols: Community park staff shall routinely patrol archaeological resources, particularly during mid-size and festival-size events, to ensure that visitors remain on designated trails and away from archaeological deposits. Community park staff shall maintain a record of archaeological site inspections, including the date of inspection, observed damage or sources of potential damage (e.g., volunteer trails or cattle grazing) to archaeological resources. At its discretion, the County may request a copy of the inspection record(s) from the applicant. If damage or sources of potential damage to archaeological resources is observed, community park staff shall implement site-specific measures to mitigate or prevent further damage. Such measures may include fencing to prevent incursion on archaeological deposits, signs requesting that visitors stay on designated trails, and planting of dense vegetation near archaeological resources to reduce the potential for site incursion.	SHCP	HCPBD	During all medium and large events			
3. Fencing: A fence or section of fence shall be used to direct foot traffic away from archaeological resources on the project site. Temporary chain-link fencing or construction fencing could be used to keep people off archaeological sites during mid-size and festival-size events.	SHCP	HCPBD	Prior to and during all medium and large events			
4. Archaeological Survey: Prior to project ground disturbance within 100 feet of a recorded archaeological resource, a qualified archaeologist meeting the Secretary of the Interior’s Professional Qualifications Standards shall conduct a survey to ensure that archaeological	SHCP	HCPBD	Prior to grading for ballfields and construction of any buildings			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
deposits would not be affected by the project. If an archaeological deposit is identified during the survey, project activities shall be redirected to avoid the deposit. If project activities cannot be redirected, the archaeological deposit shall be evaluated and mitigation carried out, as appropriate. Such mitigation may include a controlled excavation to recover archaeologically and historically significant information as well as public outreach and interpretation.						
<p>CULTURAL-2b: Prior to project approval, the County shall ensure that the following compulsory specification be included in the project construction contract plans:</p> <p>If cultural resources greater than 50 years old, such as chipped or ground stone, historical debris, building foundations, or bone are discovered during project ground disturbance, work shall be stopped within 20 meters (66 feet) of the discovery. Work near the archaeological finds shall not resume until a professional archaeologist has evaluated the materials and offered recommendations for further action.</p> <p>The combination of the two measures above would reduce this impact to a less-than-significant level.</p>	SHCP	HCPBD	During review of project construction specs, prior to construction			
<p>CULTURAL-3: Refer to Mitigation Measures CULTURAL-2a and CULTURAL-2b. Implementation of Mitigation Measures CULTURAL-2a and CULTURAL-2b would reduce this potential impact to human remains by (1) establishing controls and protocols that would decrease the likelihood of public intrusion or destruction of archaeological resources containing human remains, i.e., through the use of signs, site patrols, and temporary fencing; and (2) establishing notification procedures for construction personnel in the event that archaeological resources and/or human remains are identified during project implementation.</p>	SHCP	HCPBD	During review of project construction specs, prior to construction			
GEOLOGY AND SOILS						
<p>GEO-1: As a condition of approval for any grading or construction permits for the project, a design-level geotechnical investigation shall be prepared by a licensed professional and submitted to the Humboldt County Building Department for review and approval. The geotechnical review shall verify that the project plans incorporate the recommendations for design contained in the preliminary geotechnical report, the current California Building Code (CBC), and other applicable design standards. All design measures, recommendations, design criteria, and specifications set forth in the design-level geotechnical review shall be implemented as a condition of project approval.</p>	SHCP	HCPBD	Prior to grading or construction of any building.			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
GREENHOUSE GAS EMISSIONS						
<p>GHG-1: The project applicant shall implement the following measures to reduce greenhouse gas (GHG) emissions:</p> <ol style="list-style-type: none"> 1. Design buildings to be energy-efficient. 2. Site buildings to take advantage of shade, prevailing winds, and landscaping to reduce energy use. The project shall make use of strategically-placed shade trees. 3. Limit the hours of operational outdoor lighting. 4. Install renewable systems where feasible, including solar and tank-less hot water heaters. 5. Create water-efficient landscapes. All landscaped areas shall be designed to reduce their water requirements. Landscaping shall make extensive use of drought-tolerant species. 6. Install water-efficient irrigation systems and devices, such as soil moisture-based irrigation controls. 7. Control irrigation by systems designed to ensure water-efficiency. 	SHCP	HCPBD	During plan review and prior to construction			
HAZARDS AND HAZARDOUS MATERIALS						
<p>HAZ-1: As a condition of approval for project construction and demolition permits, a hazardous building materials survey shall be conducted by a qualified and licensed professional for all structures proposed for demolition or renovation as part of the project. All loose and peeling lead-based paint and asbestos-containing materials shall be abated by a certified contractor in accordance with local, state, and federal requirements. All other hazardous materials shall be removed from buildings prior to demolition in accordance with California Division of Occupational Safety and Health (DOSH) and California Department of Toxic Substances Control (DTSC) regulations. The completion of the abatement activities shall be documented by a qualified environmental professional and submitted to the County with applications for issuance of construction and demolition permits.</p>	SHCP	HCPBD	Prior to any demolition or renovation of any structure.			
HYDROLOGY AND WATER QUALITY						
<p>HYDRO-1a: Consistent with the requirements of the statewide Construction General Permit, the project applicant shall prepare and implement a Storm Water Pollution Prevention Plan (SWPPP) designed to reduce impacts on surface water quality through the project construction period.</p> <p>The SWPPP shall be prepared by a qualified stormwater professional (QSP). The SWPPP</p>	SHCP	HCPBD and County Public Works	Prior to grading and construction			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>shall include the minimum best management practices (BMPs) required in Attachment C for Risk Level 1 dischargers, Attachment D for Risk Level 2 dischargers, or Attachment E for Risk Level 3 dischargers (as applicable, based on final determination of the proposed project's Risk Level status [to be determined as part of the Notice of Intent for coverage under the Construction General Permit]). BMP implementation shall be consistent with the BMP requirements in the most recent version of the California Stormwater Quality Association Stormwater Best Management Handbook-Construction or similar guidance. BMPs shall include all measures necessary to prevent sediment from the project site from being discharged during drainage.</p> <p>The SWPPP shall include a construction site monitoring program that identifies requirements for dry weather visual observations of pollutants at all discharge locations and, as appropriate, depending on the proposed project Risk Level, sampling of the site effluent and receiving waters. (Receiving water monitoring is only required for some Risk Level 3 dischargers.) If the proposed project is Risk Level 2 or 3, the project applicant shall also include requirements for Rain Event Action Plans as part of the SWPPP; a Rain Event Action Plan is a written document that must be prepared within 48 hours of any likely precipitation event, describing actions that will be implemented to protect all exposed portions of the site from the predicted precipitation. BMPs shall include measures for dust control, erosion prevention, sediment control, construction vehicle traffic controls and tire washes, and material storage, spill prevention, and housekeeping protocols.</p>						
<p><u>HYDRO-1b</u>: As a condition of approval for all grading and construction permits for the project site, the applicant shall prepare and implement a Stormwater Control Plan (SCP) for the project site consistent with all requirements of the MS4 National Pollutant Discharge Elimination System (NPDES) Permit as implemented by the Humboldt County Public Works Department. The SCP shall include, but not be limited to, BMPs designed into project features and operations to reduce potential impacts on surface water quality and to manage changes in the timing and quantity of runoff associated with development of the project site. The BMPs shall include Low Impact Development (LID) measures, such as minimizing disturbed areas and impervious cover and then infiltrating, storing, detaining, evapotranspiring, and/or biotreating stormwater runoff close to its source, to the maximum extent practicable. The potential for irrigation water runoff containing sediment or other contaminants will be addressed in the SCP, and any BMPs and LID measures to address irrigation water runoff will be included. Increased stormwater runoff may not be channeled or directed to flow across the traveled section of a County roadway, and drainage must be contained at the edge of the</p>	SHCP	HCPBD and County Public Works	Prior to grading and construction			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
County road surface. Funding for the maintenance of all BMPs for the life of the proposed project shall be specified.						
<u>HYDRO-2</u> : As a condition of approval for building, grading, and construction permits at the project site, the applicant shall provide detailed plans for septic and wastewater disposal systems. The plans shall be prepared by a qualified professional and shall implement best available technology in the selection and installation of septic systems in compliance with state and county requirements. As a condition of approval for certificate of occupancy of the project site, the applicant shall provide evidence that the septic system is operating efficiently, that adequate capacity exists to address proposed site uses, and that a maintenance plan has been prepared and implemented for the system.	SHCP	HCDEH	Prior to construction of new restrooms and prior to occupancy			
LAND USE AND PLANNING						
<u>LAND-1</u> : The project applicant shall comply with all applicable mitigation measures identified in this EIR. Compliance with these measures would generally ensure that project conflicts with applicable Humboldt County General Plan policies would be reduced to less-than-significant levels. As indicated in Impact and Mitigation Measure AGFR-1, however, the loss of agricultural land that would result from the project would be a significant, unavoidable impact. The project's conflict with Humboldt County General Plan policies for protecting agricultural land would therefore be significant and unavoidable.	SHCP	HCPBD	As stated for other mitigation measures			
NOISE						
<u>NOISE-1a</u> : A dispersed (satellite speaker) sound system around the stage and audience area of large amplified music events at the main stage in Area 4A and medium-sized music events at the western stage in Area 2 shall be used to lower point-source sound levels from that of a stage only speaker system. Sound levels needed to produce acceptable sound coverage of an audience with such a system are typically lower than those using stage-mounted speakers. The combination of the measures above would reduce this impact to a less-than-significant level.	SHCP	HCPBD	Prior to and during on-site medium and large events			
<u>NOISE-1b</u> : The following sound level limits shall be employed for all outdoor events involving speech or voice/music amplification at the park: 1. Any outdoor speech or voice/music amplification at the main, secondary or southern stage areas in Area 4A after 10:00 PM shall be limited to a maximum noise level of 90 dBA at	SHCP	HCPBD	During events on the site ²			

² The County may choose to hire an outside consultant to do this monitoring and reporting during events or may request that the applicant monitor and provide results to County staff for the first 3 years of operation.

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
100 feet from the sound source.						
2. Any outdoor speech or voice/music amplification at the western stage in Area 2 after 10 PM shall be limited to a maximum noise level of 85 dBA at 100 feet from the sound source.						
3. Daytime outdoor speech or voice/music amplification at the main, secondary or southern stage areas in Area 4A shall be limited to a maximum noise level of 95 dBA at 100 feet from the sound source; and						
4. Daytime outdoor speech or voice/music amplification at the western stage in Area 2 shall be limited to a maximum noise level of 90 dBA at 100 feet from the sound source.						
<u>NOISE-1c</u> : A Noise Management Plan, including the following provisions, shall be developed and implemented for use at the large- and medium-sized events that may generate noise levels in excess of the limits in the Humboldt County General Plan:	SHCP	HCPBD	Prior to occupancy permit			
1. The plan shall establish a position at which maximum event noise levels may be verified noise to show compliance with Mitigation Measure NOISE-1b;						
2. Park staff shall obtain and be trained in the use of a sound level meter so as to capable of determining compliance with noise limits;						
3. A member of the park's Board of Directors or management staff shall be designated as a complaint response coordinator and shall be responsible for responding to any local complaints about event-related noise;						
4. If noise complaints are received during any event, noise shall be monitored during the next (subsequent) event at the residence from which noise complaints were received, and appropriate measures identified to reduce the impact to a less-than-significant level; and						
5. Records of noise complaints shall be filed with the Humboldt County Planning Department at least once per year and included in any required annual report reviewed by the Planning Commission.						
<u>NOISE-1d</u> : The project shall be subject to the following annual reporting and review requirements:	SHCP	HCPBD	Annually when medium or large events occur			
1. By December 31 of each year a medium-sized or large-sized event is held, the applicant shall prepare and submit 15 copies of a post-event report discussing that year's concert. Verification of attendance levels shall be discussed.						
2. The report shall focus on assessing the effectiveness of the plan of operation, mitigation						

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
measures, and monitoring program. The report shall also contain written correspondence from agencies participating in monitoring and/or affected by the event (i.e., Planning Department, Division of Environmental Health, Sheriff's Office, and Public Works).						
3. Responses to all concerns and issues identified in the report shall be provided and appropriate measures to be undertaken at the following year's event identified as needed. The annual report shall include sufficient data to assess the effectiveness of all required mitigation measures in relation to the total daily attendance and noise.						
4. The Humboldt County Planning Commission shall review the post-event report within 120 days of receiving the report. The total attendance levels for medium- and large-sized events shall be determined by the Planning Commission on an annual basis after review and approval of the annual report. The allowed attendance levels for medium-sized events shall range from a low of 800 to a maximum of 2,500 persons total. A large-sized event ranging from 2,500 to 4,000 attendees is not allowed until the Planning Commission has reviewed and approved two consecutive annual reports for medium-sized events with attendance levels of at least 1,800 persons. In consultation with the reviewing agencies, the Planning Commission may waive the annual reporting requirements for medium- and large-sized events for up to 5 years should the applicant demonstrate the use has been conducted in conformance with all the required mitigation, and no changes in attendance levels or mitigation measures are proposed.						
5. To address area concerns that may arise, the applicant shall hold a minimum of one community meeting in the vicinity of the site within 90 days of each large-sized event. This requirement may be waived by the Humboldt County Planning Director in consultation with the reviewing agencies if no significant community issues have been reported during that year's large-sized event.						
NOISE-2: The following best management practices shall be incorporated into the project:	HCPBD	HCPBD	During construction			
<ul style="list-style-type: none"> ▪ Restrict noise-generating activities at the construction site or in areas adjacent to the construction site to the hours of 7:00 AM to 5:00 PM, Monday through Friday, and to the hours of 10:00 AM to 5:00 PM, Saturday and Sunday. ▪ Equip all internal combustion engine driven equipment with intake and exhaust mufflers that are in good condition and appropriate for the equipment. ▪ Strictly prohibit unnecessary idling of internal combustion engines. ▪ Locate stationary noise-generating equipment, such as air compressors or portable power generators, as far as possible from sensitive receptors. Construct temporary noise barriers 						

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>to screen stationary noise-generating equipment when located near adjoining sensitive land uses. Temporary noise barriers could reduce construction noise levels by 5 dBA.</p> <ul style="list-style-type: none"> ▪ Use “quiet” air compressors and other stationary noise sources where technology exists. ▪ Route all construction traffic to and from the project site via designated truck routes, where possible. Prohibit construction-related heavy truck traffic in residential areas, where feasible. ▪ Designate a “disturbance coordinator,” who would be responsible for responding to any local complaints about construction noise. The disturbance coordinator shall determine the cause of the noise complaint (e.g., starting too early, bad muffler, etc.) and shall require that reasonable measures warranted to correct the problem be implemented. Conspicuously post a telephone number for the disturbance coordinator at the construction site and include in it the notice sent to neighbors regarding the construction schedule. <p>With the incorporation of these practices, the noise impact resulting from project construction would be reduced to a less-than-significant level.</p>						
PUBLIC SERVICES						
The applicant shall enter into an agreements with the Sheriff, CalFire, local fire agencies, and traffic control providers (CHP and CalTrans) to reimburse the affected agencies for unrecoverable expenses they will incur from increased service levels for all medium and large events.	SHCP	HCPBD	Prior to any medium or large event			
The Planning Division shall refer the annual report to the affected agencies for comments considered each year by the Planning Commission.	HCPBD	HCPBD	Prior to Planning Commission review of any medium or large event			
RECREATION						
<u>REC-1</u> : The project shall comply with all applicable mitigation measures identified in this EIR. Compliance with these measures would ensure that the impact of recreational facilities included in the project would be reduced to a less-than-significant level.	SHCP	HCPBD	As identified for other mitigation measures			
TRANSPORTATION/TRAFFIC						
<u>TRAFFIC-1a</u> : As indicated in the Traffic Assessment Management Control Plan for the project, for events that are expected to exceed 1,200 attendees, flaggers shall be stationed at	SHCP	HCPBD	During events exceeding 1,200			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
the intersection of Redwood Drive/Sprowel Creek Road at the conclusion of the event to direct traffic and to reduce delays.			persons			
<u>TRAFFIC-1b</u> : For events having more than 2,000 attendees, shuttle buses shall be employed to reduce the total number of vehicles leaving the site to a maximum of 700 outbound vehicles in a single hour.	SHCP	HCPBD	During events exceeding 2,000 persons			
<u>TRAFFIC-1c</u> : At medium-sized events, data regarding the number of attendees and resulting volumes of traffic shall be collected so that the number of trips can be monitored and thresholds adjusted if it is determined that attendance patterns or average vehicle occupancy are substantially different from what was assumed. These data shall be included in the annual report reviewed by the Humboldt County Planning Commission.	SHCP	HCPBD	Annual review of reports			
<u>TRAFFIC-1d</u> : During the large festival events, on-site parking shall be limited to 500 spaces for attendees and 200 spaces for vendors and others working the event. While the vendors and others employed during the festival would likely remain on-site for an hour or more after the event concludes, the limited parking would ensure that the amount of traffic generated during a single hour results in trips that can be adequately handled by the street network. All other attendees would need to arrive by shuttle from off-site parking fields. It is understood that this is how the festival currently operates in Benbow, where there is substantially less parking than could be made available at the project site.	SHCP	HCPBD	During large events			
<u>TRAFFIC-1e</u> : Festival parking passes shall be made available through advance purchase only, with a variety of purchase options, including buying them on-line or at the usual local ticket outlets where attendees purchase their event tickets. The number of parking passes that can be issued shall be limited for each day of the festival to 500. A separate pass shall be required for each day, with the passes to be displayed on the dashboard of the vehicle. The above requirements shall be addressed in the project's Traffic Management Assessment Control Plan (see Appendix E).	SHCP	HCPBD	During review of Traffic Management Assessment Control Plan			
<u>TRAFFIC-1f</u> : The project shall be subject to the following annual reporting and review requirements: 1. By December 31 of each year during which a medium- or large-sized event is held, the applicant shall prepare and submit 15 copies of a post-event report discussing that year's event(s). Verification of attendance levels shall be discussed. 2. The report shall focus on assessing the effectiveness of the plan of operation, mitigation measures, and monitoring program. The report shall also contain written correspondence from agencies participating in monitoring and/or affected by the event (i.e., Humboldt County Planning Division, Division of Environmental Health, Sheriff's Office, and Public Works Department).	SHCP	HCPBD	Annual review when medium or large events occur			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<p>3. Responses to all concerns and issues identified in the report shall be provided, and appropriate measures to be undertaken at the following year's event(s) identified as needed. The annual report shall include sufficient data to assess the effectiveness of all required mitigation measures in relation to the total daily attendance and traffic volume and intensity, and potential safety hazards to pedestrians and bicyclists.</p> <p>4. The post-event report shall be submitted to the Humboldt County Planning Commission for review. The total allowable attendance levels for medium- and large-sized events shall be determined by the Planning Commission on an annual basis after review and approval of the annual report. The allowed attendance levels for medium-sized events shall range from a low of 800 to a maximum of 2,500 persons total. A large-sized event ranging from 2,500 to 4,000 attendees is not allowed until the Planning Commission has reviewed and approved two consecutive annual reports for medium-sized events with attendance levels of at least 1,800 persons. In consultation with the reviewing agencies, the Planning Commission may waive the annual reporting requirements for medium- and large-sized events for up to 5 years should the applicant demonstrate the use has been conducted in conformance with all of the required mitigations, and no changes in attendance levels or mitigation measures are proposed.</p> <p>5. To address area concerns that may arise, the applicant shall hold a minimum of one community meeting in the vicinity of the site within 90 days of each large-sized event. This requirement may be waived by the Humboldt County Planning Director in consultation with the reviewing agencies if no significant community issues have been reported during that year's large-sized event.</p> <p>The above combination of mitigation measures would reduce this impact to a less-than-significant level.</p>						
<p>TRAFFIC-2: Refer to Mitigation Measures TRAFFIC-1a through 1f and Mitigation Measures TRAFFIC-4a through 4e.</p>	<p>See Mitigation Measures TRAFFIC-1a through 1f above and TRAFFIC-4a through 4e below</p>	<p>See Mitigation Measures TRAFFIC-1a through 1f above and TRAFFIC-4a through 4e below</p>				

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
<u>TRAFFIC-3:</u> During events held in the Community Commons (Areas 4A and 4B), warning signs shall be posted along Sprowel Creek Road in advance of the driveway indicating that there is potentially stopped traffic ahead. While drivers would typically be able to make the left turn with little, if any, delay, this safety measure would ensure that there is adequate warning for drivers approaching the area.	SHCP	County Public Works	During medium and large events			
<u>TRAFFIC-4a:</u> For medium-sized special events and the festival, a temporary marked crosswalk shall be created connecting the Tooby Memorial Playground to the Park Headquarters area. The crossing shall be placed to maximize sight lines, and during periods of peak usage, there shall be a crossing guard or flagger available to assist pedestrians and control traffic. This measure is included in the Traffic Assessment Management Control Plan (see Appendix E).	SHCP	County Public Works	At review of Traffic Assessment Management Control Plan and checkups during events			
<u>TRAFFIC-4b:</u> "Share the Road" signs shall be posted, and consideration given to installing "sharrows" to indicate the potential presence of cyclists. Sharrows are markings that include a cyclist and arrows, and they are placed in the lane to identify the road as a shared use facility.	SHCP	County Public Works	At review of Traffic Assessment Management Control Plan and checkups during events			
<u>TRAFFIC-4c:</u> For large festival events, accommodations shall be made either on the shuttle vehicles or by dedicated vans to ferry cyclists to the top of the hill on Sprowel Creek Road.	SHCP	County Public Works	during large events			
<u>TRAFFIC-4d:</u> Bicycle racks shall be included in each of the park's major entrances to encourage bicycle travel.	SHCP	County Public Works	At review of Traffic Assessment Management Control Plan and checkups during events			
<u>TRAFFIC-4e:</u> To facilitate shuttle bus users, a temporary shelter shall be provided during events that use a shuttle bus, both to protect attendees and to provide guidance as to the location of the shuttle stop. The combination of the above mitigation measures would reduce this impact to a less-than-significant level.	SHCP	County Public Works	At review of Traffic Assessment Management Control Plan and checkups during events			
UTILITIES AND SERVICE SYSTEMS						
<u>UTIL-1:</u> The project shall comply with all applicable mitigation measures identified in this EIR. Compliance with these measures would ensure that the impact of the proposed water facilities included in the project would be reduced to a less-than-significant level.	SHCP	HCPBD	As identified for other mitigation measures			
<u>UTIL-2:</u> The applicant shall submit a plan for the management of solid waste and recycling for events that would attract 500 or more attendees. Prior to events attracting 500 or more	SHCP	HCDEH	Review when plan completed which shall			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health

TABLE IV-1 MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Party Responsible for Ensuring Implementation	Party Responsible for Monitoring	Monitoring Timing	Compliance Verification		
				Initial	Date	Project/ Comments
attendees, the applicant shall manage solid waste and recyclables a manner consistent with the approved plan.-The plan shall be subject to approval by the Humboldt County Division of Environmental Health. Prior to events attracting 500 or more attendees, the applicant shall manage solid waste and recyclables in a manner consistent with the approved plan. Approval of that plan is required prior to allowing any event on the site with 500 or more attendees, and implementation of the approved plan is required for all events with 500 or more attendees. For events attracting fewer than 500 attendees, the applicant shall manage solid waste and recyclables in a manner consistent with the approved plan.			be before any event of 500 or more persons			

Note: SHCP = Southern Humboldt Community Park staff and/or consultants; HCPBD: Humboldt County Planning and Building Department; HCDEH: Humboldt County Division of Environmental Health