

Appendix F

Mitigation Monitoring and Reporting Plan

Mitigation Monitoring and Reporting Program

CEQA requires that a reporting or monitoring program be adopted for the conditions of project approval that are necessary to mitigate or avoid significant effects on the environment (Public Resources Code 21081.6). This mitigation monitoring and reporting program is intended to track and ensure compliance with adopted mitigation measures during the project implementation phase. For each mitigation measure recommended in the Final Initial Study – Mitigated Negative Declaration (Final IS-MND), specifications are made herein that identify the action required, the monitoring that must occur, and the agency or department responsible for oversight.

Mitigation Measure	Action Required	Monitoring Timing	Monitoring Frequency	Responsible Agency	Compliance Verification Initial	Compliance Verification Date	Compliance Verification Comments
Biological Resources							
BIO-1: Monarch Butterfly Roost Protection							
<p>The City will implement measures to avoid and minimize indirect impacts on monarch butterfly overwintering roosts consistent with Policy CE 4. Construction activities (including tree/vegetation removal and infrastructure improvement) within 200 feet of monarch butterfly ESHA shall be scheduled to occur between April 1 and September 30 where feasible, to avoid overwintering monarch butterflies.</p> <p>If construction and infrastructure improvement activities within 200 feet of monarch butterfly ESHA cannot feasibly be scheduled to avoid the overwintering season, the following measures shall be implemented prior to construction activities (including tree/vegetation removal and/or infrastructure improvement):</p> <ul style="list-style-type: none"> ▪ A monarch specialist or qualified biologist shall conduct a survey for roosting monarchs prior to the start of work and confirm the absence of roosting monarchs before the work can commence. Roosting monarch surveys must follow the Xerces Society Protocol (2022). Surveys shall be conducted in the early morning while temperatures are low enough that monarch butterflies remain clustered from the evening before (usually when temperatures are below 13 °C or 55 °F). ▪ During the overwintering season and during construction and infrastructure improvement activities that occur, roosting monarch surveys shall be 	<p>Verify condition is noted on any project plans. If construction occurs during the overwintering season, surveys shall be conducted to determine presence or absence of roosting monarchs. If monarchs are not present, no buffer or monitoring are required. If monarchs are present, verify requirements apply during the overwintering season, prior to any grading or construction and throughout all development activities until occupancy clearance issued.</p>	<p>For construction during the overwintering season, prior to construction. The biological monitor shall be approved by the City prior to issuance of grading or building permits.</p>	<p>Once; for individual Master Plan amenities occurring within 200 feet of ESHA.</p>	<p>City of Goleta Department of Neighborhood Services</p>			

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<p>conducted weekly to confirm continued absence or to identify, map, and describe roost locations if presence of roosting monarchs is confirmed. Mapped roosting locations may be adjusted as needed under the guidance of a monarch specialist or qualified biologist.</p> <ul style="list-style-type: none"> ▪ Any construction, infrastructure improvement activities, or tree/vegetation removal within 200 ft of roosting monarchs within the monarch butterfly ESHA shall be prohibited (consistent with CE 4.5 and CE 4.6d). ▪ A monarch specialist or qualified biologist shall be present to document monarch butterfly protection. The monarch monitor shall document that roosting monarchs are not disturbed by work activities. The monarch monitor shall have authority to stop work if monarchs show signs of unnatural disturbance. ▪ Trees removed from the monarch butterfly ESHA and trees heavily impacted by construction, grading, and trenching of the project improvement elements within the monarch butterfly ESHA shall be replaced at a 2:1 ratio within the ESHA and as close to the removed tree as is reasonably feasible. 							

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BIO-2: Tree Removal and Monarch Roost Protection Plan							
<p>A Tree Removal and Monarch Protection Plan is required prior to any Monarch ESHA tree removal consistent with Policy CE 4. The Plan shall include the following.</p> <ul style="list-style-type: none"> Removal of trees of any diameter possessing living foliage is prohibited within the monarch butterfly ESHA unless a tree is identified as an imminent hazard to property or life, is dead, or is otherwise approved by the City Arborist consistent Policy CE 4. Trees being considered for removal shall be evaluated and approved by both a certified arborist and a monarch specialist or qualified biologist for critical habitat protection before project work commences (consistent with Policy CE 4.4). Trees removed from the monarch butterfly ESHA and trees heavily impacted by construction, grading, and trenching of the project improvement elements within the monarch butterfly ESHA shall be replaced at a 3:1 ratio within the ESHA and as close to the removed tree as is reasonably feasible. 	<p>The Tree Removal and Monarch Protection Plan shall be prepared and approved by the City prior to construction activities. Trees planted as mitigation for this project will be mitigated through replacement plantings as described in Mitigation Measures BIO-1 and BIO-5.</p>	<p>The trees and tree health shall be monitored at a minimum of twice annually. Annual monitoring reports, prepared by an arborist shall be submitted to the City for three consecutive years.</p>	<p>Once for approval of the Plan; tree monitoring twice annually; review annual reports.</p>	<p>City of Goleta Department of Neighborhood Services</p>			
BIO-3: Pollinator Garden Landscape Plan							
<p>Prior to construction of the pollinator garden, a Landscape Plan with the proposed pollinator species shall be approved by the City. The Plan shall also limit the use of insecticides, herbicides, or other toxic substances by City employees and contractors in construction and maintenance. Invasive</p>	<p>The Landscape Plan shall be approved by the City prior to construction. This condition shall be noted on any plans. City staff shall spot check plants to confirm consistency with the approved Landscape Plan.</p>	<p>Approve plan prior to construction activities.</p>	<p>Once.</p>	<p>City of Goleta Department of Neighborhood Services</p>			

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species shall be prohibited. A list of pollinator species is included in the <i>Stow Grove Park Monarch Butterfly ESHA- Impact Analysis and Minimization Measures</i> (Althouse and Meade 2023).							
BIO-4: Tree Protection Measures							
<p>The following tree protection measures shall be implemented to ensure that impacts to mature native (protected) trees are minimized to the extent feasible or avoided, consistent with Policy CE 9 prior to the start of project activities All measures below will be conducted by or under the direct supervision of an International Society of Arboriculture (ISA) certified arborist:</p> <ul style="list-style-type: none"> ▪ A certified arborist or qualified biologist shall monitor any ground disturbance or vegetation removal activities that have a potential to impact protected trees. ▪ A minimum 3-foot-tall snow fence shall be placed around the TPZ in areas where project activities have the potential to impact protected trees. Fencing shall be maintained and in place throughout the duration of these activities. ▪ Any grading, cut-and fill, trenching, or other ground disturbance shall be done slowly using hand tools as feasible to avoid ripping or tearing roots. Roots two inches or greater in diameter shall be avoided to the extent feasible. ▪ Any root pruning shall be done at a 90-degree angle with a clean sharp blade, and new cuts shall be wetted and 	<p>This condition shall be noted on any plans. The name and contact information for the arborist shall be submitted to the City prior to commencement of construction. For construction with the potential to impact protected trees, the arborist or qualified biological monitor shall be approved prior to the start of construction. Monitoring shall occur throughout all development activities with the potential to impact protected trees until occupancy clearance issued.</p>	<p>Verify requirements prior to vegetation removal, ground disturbance, and demolition activities.</p>	<p>Once; for individual Master Plan amenities with the potential to impact trees.</p>	<p>City of Goleta Department of Neighborhood Services</p>			

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<p>covered with absorbent tarp or heavy cloth fabric until backfill is completed.</p> <ul style="list-style-type: none"> No equipment or materials shall be stored within TPZs as feasible. In areas where vehicles or equipment may impact tree roots, steel plates shall be installed to protect the root zones as needed. Pruning shall be limited to only what is necessary for project activities. Inadvertent damage to limbs and branches from equipment shall be immediately trimmed with clean blades. All pruning shall rely on best practices as determined by the arborist. If any protected trees are damaged to the point where continued viability is threatened, as determined by a certified arborist, the tree will be replaced at a 3:1 ratio with like species grown from locally obtained seed. Replacement shall occur on site as feasible, or off site (within the same watershed) if on site replacement is not feasible. Replacement trees shall be monitored for a period of 5 years. 							
BIO-5: Pre-Construction Nesting Bird Surveys							
<ul style="list-style-type: none"> To avoid disturbance of nesting and special-status birds, including raptor species protected by the MBTA and CFGC, project activities including vegetation removal, ground disturbance, construction, and demolition shall occur outside of the bird breeding season (February 1 through August 31), if feasible. 	<p>This condition shall be noted on any plans. The name and contact information for the avian biologist and a Nesting Bird Management Plan, if recommended by the avian biologist, shall be submitted to the City for approval prior to commencement of construction. If a nesting bird survey is required (construction occurs during the</p>	<p>Verify requirements prior to vegetation removal, ground disturbance, construction, and demolition activities.</p>	<p>Once; for individual Master Plan amenities which require vegetation removal, ground disturbance, construction,</p>	<p>City of Goleta Department of Neighborhood Services</p>			

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<ul style="list-style-type: none"> ▪ If work must begin during the breeding season, a pre-construction nesting bird survey shall be conducted no more than seven days prior to initiation of project activities. The nesting bird survey shall be conducted inside the project footprint plus a 500-foot for raptors and special-status species and a 300-foot buffer for all other birds. Inaccessible parts of the survey area shall be scanned using binoculars. The survey shall be conducted by a City-approved biologist familiar with the identification of bird species known to occur in southern California communities. ▪ If active nests (those containing eggs, nestlings, or associated with dependent fledglings) are found on-site, an avoidance buffer shall be implemented around each nest and demarcated with fencing or flagging. The size of the buffers shall be determined by the biologist based upon the species, the proposed work activity, and existing disturbances associated with land uses outside of the site. No project activity shall occur inside a nest buffer until the biologist determines that the nest is no longer active. If recommended by the avian biologist, a Nesting Bird Management Plan shall be prepared, which would assist in maintaining status and avoidance of multiple active nests. The Nesting Bird Management Plan would include the requirements of this measure (ex. timing of surveys, 	<p>nesting bird season), the survey shall be conducted no more than seven days prior to initiation of project activities. A summary memo shall be submitted to the City for approval within 14 days of the survey. If white-tailed kite nests are observed, avoidance buffers will be determined in consultation with CDFW.</p>		<p>and demolition activities.</p>				

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<p>buffer size, and avoidance efforts/techniques).</p> <ul style="list-style-type: none"> If no nesting birds are observed during pre-construction surveys, no further actions would be necessary. 							
Cultural Resources							
CR-1: Worker’s Environmental Awareness Program							
<p>Prior to the start of ground disturbance, the construction crews shall participate in training led by an archaeologist under the direction of a qualified archaeologist meeting the Secretary of the Interior’s Professional Qualifications Standards for prehistoric archaeology (NPS 1983) on the proper procedures to follow in the event that cultural resources are uncovered during the project excavations, site preparation, or other related activities. A Native American representative shall be provided the opportunity to participate and present in the WEAP training. This Worker Environmental Awareness Program shall include a comprehensive discussion of applicable laws and penalties under the law, samples or visuals of artifacts that might be found in the vicinity of the project site, a discussion of what such artifacts may look like when partially buried or wholly buried and then freshly exposed, a discussion of what prehistoric and historic-period archaeological deposits look like at the surface and when exposed during construction, and instruction that employees are to halt work in the vicinity of a discovery (within 100 feet). This information shall be provided in an informational brochure that outlines</p>	<p>This condition shall be printed on all building/grading plans. The City shall check plans prior to issuance of a permit and City compliance monitoring staff shall spot check in the field throughout grading.</p>	<p>Verify completion of the WEAP training.</p>	<p>Once; for all Master Plan amenities which require ground disturbance that are not occurring at the same time.</p>	<p>City of Goleta Department of Neighborhood Services</p>			

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reporting procedures in the event of a discovery.							
CR-2: Native American Monitoring							
A City-qualified archaeologist and Native American observer shall monitor all excavation related activities throughout the project site to ensure that if prehistoric materials important to the Native American community are identified, they are assessed consistent with City of Goleta Cultural Resources Guidelines. In the unlikely event human remains are encountered during grading, excavation must be immediately suspended, and the protocol identified in CEQA Guidelines section 15065.4(e) and the State Public Resources Code section 5097.98 shall be followed. Any diagnostic prehistoric artifacts that are identified must be recovered and either curated at the Repository for Archaeological and Ethnographic Collections located at University of California, Santa Barbara or reburied at a location determined through consultation between the City of Goleta and tribal representatives.	This condition shall be printed on all building/grading plans. Before the City issues permits for any excavation related activities, verify contact information of the Native American consultant, and the agreed upon procedures to be followed. If remains are found and if the remains are found to be of Native American origin, the County Coroner shall notify the Native American Heritage Commission and the Commission shall name the Most Likely Descendant (MLD). The MLD, City-retained archaeologist, and City staff shall consult as to the disposition of the remains. If the remains are not identified of Native American origin, the County Coroner will take possession of the remains and comply with all state and local requirements in the treatment of the remains. The Department of Neighborhood Services Director, or designee, shall confirm that a Native American Monitor is retained, that the County Coroner is notified in the event human remains are found, and that the Native American Heritage Commission is contacted if the remains are of Native American Chumash origin.	Verify requirements on plans prior to grading or construction activities.	As Master Plan amenities are developed which require excavation.	City of Goleta Department of Neighborhood Services			

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CR-3: Unanticipated Discovery of Cultural Resources							
In the event that archaeological resources are unexpectedly encountered during ground-disturbing activities, work within 50 feet of the find shall halt and an archaeologist meeting the Secretary of the Interior’s Professional Qualifications Standards for archaeology (National Park Service 1983) shall be contacted immediately to evaluate the resource. If the resource is determined by the qualified archaeologist to be prehistoric, then a Native American representative shall also be contacted to participate in the evaluation of the resource. If the qualified archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for CRHR eligibility shall be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via project redesign, a qualified archaeologist shall prepare a data recovery plan tailored to the physical nature and characteristics of the resource, per the requirements of the California Code of Regulations (CCR) Guidelines Section 15126.4(b)(3)(C). The data recovery plan shall identify data recovery excavation methods, measurable objectives, and data thresholds to reduce any significant impacts to cultural resources related to the resource. Pursuant to the data recovery plan, the qualified archaeologist and Native American representative, as appropriate, shall recover and document the scientifically consequential information that justifies the resource’s significance. In compliance with	This condition shall be printed on all building/grading plans. The City shall check plans prior to issuance of a grading permit and compliance monitoring staff shall spot check in the field if a resource is found.	Verify requirements on plans prior to grading or construction activities.	As Master Plan amenities are developed which require ground disturbance.	City of Goleta Department of Neighborhood Services			

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<p>City of Goleta Development Standards (17.43.040) set forth in Council Resolution No. 08-40, the City of Goleta shall review and approve the treatment plan and archaeological testing as appropriate, and the resulting documentation shall be submitted to the regional repository of the CHRIS, per CCR Guidelines Section 15126.4(b)(3)(C).</p>							
<p>Geology and Soils</p>							
<p>GEO-1: Unanticipated Discovery of Paleontological Resources</p>							
<p>In the event an unanticipated fossil discovery is made during the course of project development, construction activity shall be halted in the immediate vicinity of the fossil, and a qualified professional paleontologist shall be notified and retained to evaluate the discovery, determine its significance, and determine if additional mitigation or treatment is warranted. Work near the discovery may resume once the find is properly documented and the qualified professional paleontologist authorizes resumption of construction work. Any significant paleontological resources found during construction monitoring shall be prepared, identified, analyzed, and permanently curated in an approved regional museum repository under the oversight of the qualified paleontologist.</p>	<p>If paleontological resources are encountered during construction, identify and retain a qualified paleontologist prior to additional ground disturbing activity in the vicinity of the find. This condition shall be printed on all building/grading plans. The Department of Neighborhood Services Director, or designee, must verify compliance before grading/construction in the vicinity of a find may be resumed.</p>	<p>Verify requirements on plans prior to grading or construction activities.</p>	<p>As Master Plan amenities are developed which require ground disturbance.</p>	<p>City of Goleta Department of Neighborhood Services</p>			

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