



# California State University, Fullerton Master Plan Update

Mitigation Monitoring and Reporting Program  
State Clearinghouse No. 2019080575

*prepared for*

**California State University, Fullerton**  
800 North State College Boulevard  
Fullerton, California 92831

*prepared with the assistance of*

**Rincon Consultants, Inc.**  
250 East 1<sup>st</sup> Street, Suite 1400  
Los Angeles, California 90012

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**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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# Mitigation Monitoring and Reporting Program

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In accordance with the California Environmental Quality Act (CEQA, Public Resources Code Section 21000 et seq.), California State University Fullerton (CSUF) prepared an Environmental Impact Report (EIR) (State Clearinghouse No. 2019080575) that identified potentially significant and significant impacts prior to mitigation related to: Air Quality; Cultural Resources; Greenhouse Gas Emissions; Geology and Soils; Noise; and Tribal Cultural Resources. Significant cumulative impacts would occur with respect to Air Quality; and Greenhouse Gas Emissions. The EIR also identifies mitigation measures that would reduce the identified impacts to less-than-significant levels, where feasible.

CEQA and the CEQA Guidelines (Public Resources Code Section 21081.6 and CEQA Guidelines Sections 15091[d] and 15097) require public agencies “to adopt a reporting and monitoring program for changes to the project which it has adopted or made a condition of project approval to mitigate or avoid significant effects on the environment.” A Mitigation Monitoring and Reporting Program (MMRP) has been prepared for the Campus Master Plan EIR because the EIR identifies significant adverse impacts related to the project implementation, and mitigation measures have been identified to reduce those impacts. Adoption of the MMRP would occur along with approval of the Campus Master Plan EIR.

## Purpose of Mitigation Monitoring and Reporting Program

The MMRP has been prepared to ensure that all required mitigation measures are implemented and completed in a sufficient manner before and during project construction and operation. The MMRP table has been prepared to assist the responsible parties in implementing the mitigation measures. The table identifies each mitigation measure; the action required for the measure to be implemented; the time at which the monitoring is to occur; the monitoring conditions; and the agency or party responsible for ensuring that the monitoring is performed.

## Roles and Responsibilities

Unless otherwise specified, CSUF is responsible for taking all actions necessary to implement the mitigation measures under its jurisdiction according to the specifications provided for each measure and for demonstrating that the action has been successfully completed. CSUF, at its discretion, may delegate implementation responsibility or portions thereof to a licensed contractor or other designated agent.

Section 21081.6 of the Public Resources Code requires the lead agency to identify the “custodian of documents and other material” which constitutes the “record of proceedings” upon which the action on the project was based. The CSUF Department of Administration and Finance, Capital Programs and Facilities Management, or designee, is the custodian of such documents for the 2039 Master Plan. Inquiries should be directed to:

Department of Administration and Finance  
Capital Programs and Facilities Management  
800 North State College Boulevard  
Fullerton, California 92081

CSUF is responsible for overall administration of the MMRP and for verifying that CSUF staff, the construction contractor, or other designated party has completed the necessary actions for each measure. The party responsible for implementing each item will identify the staff members responsible for coordinating with CSUF on the MMRP.

## Reporting

CSUF shall require the contractor(s) to maintain records documenting compliance of the activity with the required mitigation measures. Information regarding inspections and other requirements shall be compiled and explained in monthly reports. The reports shall be designed to simply and clearly identify whether mitigation measures have been adequately implemented. At a minimum, each report shall identify the mitigation measures or conditions to be monitored for implementation, whether compliance with the mitigation measures or conditions has occurred, the procedures used to assess compliance, and whether further action is required.

**Table 1 Campus Master Plan Mitigation Monitoring and Reporting Program**

<b>Impact</b>	<b>Mitigation Measure</b>	<b>Implementation Timing</b>	<b>Monitoring Frequency</b>	<b>Responsible Party</b>
<b>Air Quality</b>				
<b>AQ-1</b> Conflict with or obstruct implementation of the applicable air quality plan.	<b>See Mitigation Measure AQ-1 under Impact AQ-2.</b>	Commencement of the Campus Master Plan.	Annually	CSUF Capital Programs and Facilities Management
<b>AQ-2</b> Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.	<b>AQ-1 Green Cleaning Production Education Program</b> CSUF shall develop a Green Cleaning Product education program to be made available at housing offices, educational areas, and/or on websites. The education program is intended for students and institutional consumers and consists of: (1) provision of educational materials in housing offices, educational areas, and/or on websites, about low ROG/VOC consumer products for planned housing and academic uses, (2) educational materials addressing the use of detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn and garden products; disinfectants; sanitizers; aerosol paints; automotive specialty products; low ROG/VOC paints and architectural coatings; and low emission landscape equipment, and (3) Educational materials on the importance of recycling and purchasing recycled material.	Commencement of the Campus Master Plan.	Annually	CSUF Capital Programs and Facilities Management
<b>Cultural Resources</b>				
<b>CUL-1</b> Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5.	<b>CUL-1 Complete Historic Resources Evaluation and Project-Specific Surveys Prior to Design Phase to Identify Historical Resources.</b> Before altering or otherwise affecting a building, structure, or designed landscape feature that is 45 years old or older, CSUF shall retain a historian or architectural historian who meets the Secretary of the Interior’s Professional Qualifications Standards to assess and document the significance of the resource according to the criteria of the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR) and California Historical Landmarks program.  The qualified historian or architectural historian shall prepare an intensive-level historic resources evaluation. Evaluations shall consider buildings, structures, objects, sites, historic districts, and potential cultural landscapes and shall identify the character-defining features of such resources and other required information on the appropriate Department of Parks and Recreation (DPR) 523 Record Forms, which shall be appended to the evaluation.	Prior to ground disturbing activities and construction.	One time	CSUF Capital Programs and Facilities Management

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
	<p>The level of documentation for each evaluation shall comply with Public Resources Code Section 5024 and 5024.5 with respect to state-owned historical resources. For resources determined through this evaluation process to meet NRHP/CRHR and/or California Historical Landmark criteria, MM CUL-2 and MM CUL-3 shall be required as early as possible in the project planning and design phase.</p> <p>If the resource was the subject of a historic resources evaluation meeting the standards of PRC Section 5024 and 5024.5 within the last five (5) years, CUL-1 shall not be required.</p> <p>For buildings, structures, objects, sites, historic districts, cultural landscapes, and other resources determined through this evaluation process not to meet NRHP/CRHR and/or California Historical Landmark criteria, no further mitigation is required.</p>			
	<p><b>CUL-2 Conduct Secretary’s Standards Project Review and Analyze Impacts to Historical Resources.</b> For projects that would demolish or alter resources eligible for listing in the NRHP, CRHR, or as a California Historical Landmark, CSUF shall retain a historian or architectural historian who meets the Secretary of the Interior’s Professional Qualifications Standards to review and comment upon project plans for conformance with the Secretary’s Standards and applicable mitigation measures and/or alternatives.</p> <p>The architectural historian or preservation architect shall provide input to CSUF and the project design team as early as possible to facilitate project compliance with the Secretary’s Standards, if prudent and feasible. Preservation input will identify project options capable of complying with the Secretary’s Standards and avoiding, lessening, or mitigating significant adverse impacts to historical resources.</p> <p>Secretary’s Standards project review shall include all project components that would result in a physical change to character-defining features, insofar as these project details are available. If project details remain conceptual at the time of project review, the memorandum shall include design recommendations drawn from the Secretary’s Standards that would facilitate compliance with the Standards and avoid, lessen, or mitigate significant adverse impacts to historical resources.</p> <p>In addition, the Secretary’s Standards project review shall include a section assessing the potential direct and indirect impacts of the proposed project on the historical resource, whether an individual resource or historic district/cultural landscape.</p>	<p>Prior to ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
	<p>For projects that do not comply with the Secretary’s Standards and would result in a significant adverse impact to a historical resource, MM CUL-4 shall be required.</p>			
	<p><b>CUL-3 PRC-Required SHPO Consultation.</b> For state-owned historical resources, PRC Section 5024 and 5024.5 require SHPO consultation for proposed projects that might impact historical resources eligible for the NRHP, CRHR or as a California Historical Landmarks. These sections of the PRC are designed to give SHPO the opportunity to review and comment on historical resource determinations and proposed projects that might affect such historical resources.</p> <p>CSUF shall consult with SHPO regarding the potential alteration or demolition of any buildings, structures, objects, sites, historic districts, cultural landscapes, or other campus features that appear eligible for listing in the National Register of Historic Places, the California Register of Historical Resources or as California Historical Landmarks, as documented through CUL-1 or through survey or evaluation. Such consultation shall be completed pursuant to California PRC Sections 5024 and 5024.5 and related guidance published by SHPO.</p> <p>Following the completion of CUL-1 and/or CUL-2 and as early as possible in the project planning phase, CSUF shall retain an architectural historian or historian meeting the Secretary of the Interior’s Professional Qualifications Standards in either architectural history or historic architecture in order to assist in SHPO consultation and compile the required documentation and consultation materials in compliance with PRC Sections 5024 and 5024.5 and related guidance published by SHPO.</p> <p>This shall include a formal request for consultation, the intensive-level historic resources evaluation establishing the historic resource status of the property, DPR 523 Record Forms, the appropriate historical background documentation, and a project-specific impacts analysis prepared by the qualified historian or architectural historian.</p>	<p>Prior to ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
	<p><b>CUL-4 HABS-Like Documentation.</b> For projects that do not comply with the Secretary’s Standards and would result in a significant adverse impact to a historical resource, MM CUL-4 shall be required. Prior to the commencement of construction activities, CSUF shall retain a historian or architectural historian who meets the Secretary of the Interior’s Professional Qualifications Standards to prepare HABS-like documentation for the subject historical resources. The evaluation process shall include the development of appropriate historical background research as context for the assessment of the significance of the structure in the history of the CSU system, CSUF, and the region. The HABS-like package will document in photographs and descriptive and historic narrative the historical resources slated for modification/demolition. Documentation prepared for the package will draw upon primary- and secondary-source research and available studies previously prepared for the project.</p> <p>The specifications for the HABS-like package follow:</p> <ul style="list-style-type: none"> <li>▪ <b>Photographs:</b> Photographic documentation will focus on the historical resources/features slated for demolition, with overview and context photographs for the campus and adjacent setting. Photographs will be taken of the building using a professional-quality single lens reflex (SLR) digital camera with a minimum resolution of 10 megapixels. Photographs will include context views, elevations/exteriors, architectural details, overall interiors, and interior details (if warranted). Digital photographs will be provided in electronic format.</li> <li>▪ <b>Descriptive and Historic Narrative:</b> The historian or architectural historian will prepare descriptive and historic narrative of the historical resources/features slated for demolition. Physical descriptions will detail each resource, elevation by elevation, with accompanying photographs, and information on how the resource fits within the broader campus during its period of significance. The historic narrative will include available information on the campus design, history, architect/contractor/designer as appropriate, area history, and historic context. In addition, the narrative will include a methodology section specifying the name of researcher, date of research, and sources/archives visited, as well as a bibliography. Within the written history, statements shall be footnoted as to their sources, where appropriate.</li> <li>▪ <b>Historic Documentation Package Submittal:</b> The electronic package will be assembled by the historian or architectural historian and submitted to CSUF for review and comment. In addition, an electronic version of</li> </ul>	<p>Prior to ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
	<p>the HABS package will be provided to the State Office of Historic Preservation for review and comment.</p> <ul style="list-style-type: none"> <li>▪ Upon approval by CSUF, one hard-copy version of the historic documentation package will be prepared and deposited with the University archives, Pollak Library Special Collections.</li> </ul>			
<p><b>CUL-2</b> Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5 and/or disturb any human remains, including those interred outside of formal cemeteries.</p>	<p><b>CUL-5 Unanticipated Discovery of Cultural and Tribal Cultural Resources.</b> In the event that cultural resources of Native American origin are identified during construction, all earth-disturbing work in the vicinity of the find shall be temporarily suspended or redirected until an archaeologist meeting the Secretary of the Interior’s Professional Qualifications Standards (NPS 1983) has evaluated the nature and significance of the find and an appropriate Native American representative, based on the nature of the find, is consulted. If CSUF determines that the resource is a tribal cultural resource and thus significant under CEQA, a mitigation plan shall be prepared and implemented in accordance with state guidelines and in consultation with Native American groups. The plan shall include avoidance of the resource or, if avoidance of the resource is infeasible, the plan shall outline the appropriate treatment and data recovery plan in coordination with the archeologist and the appropriate Native American tribal representative. The Native American monitor and consulting tribe(s) will be provided an opportunity to participate in the documentation and evaluation of the find. If a data recovery plan and treatment of the unanticipated discovery is required, then the consulting tribe(s) will be provided an opportunity to review and provide input on the plan and treatment.</p>	<p>Commencement of ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>
	<p><b>CUL-6 Discovery of Unknown Human Remains.</b> The discovery of human remains is always a possibility during ground disturbing activities. If human remains are found, the State of California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County coroner has made a determination of origin and disposition pursuant to PRC Section 5097.98. In the event of an unanticipated discovery of human remains, the County coroner must be notified immediately. If the human remains are determined to be prehistoric, the coroner shall notify the NAHC, which will determine and notify a MLD. The MLD shall complete the inspection of the site within 48 hours of being granted site access and may recommend scientific removal, and nondestructive analysis of human remains and items associated with Native American burials, pursuant to Mitigation Measure CUL-2.</p>	<p>Commencement of ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
<b>Greenhouse Gas Emissions</b>				
<b>GHG-1</b> Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment.	<b>GHG-1 GHG Emissions Reeducation Plan.</b> CSUF shall prepare and implement a plan to reduce operational GHG emissions through implementation of one or more of the following measures: <ul style="list-style-type: none"> <li>▪ Prior to the construction of CMP projects analyzed in this analysis,<sup>1</sup> CSUF shall develop a Greenhouse Gas Reduction Program (GGRP) that reduces annual GHG emissions from the CMP by a minimum of the MT CO<sub>2</sub>e per year that the project exceeds for that year and each subsequent year, which is estimated to be 8,325 MT CO<sub>2</sub>e in 2039 (1.15 MT CO<sub>2</sub>e per person per year in 2039) over the operational life of the project, or by an amount determined through further analysis of project GHG emissions at the time of GGRP preparation. The plan may include, but not be limited to, the following components: 1) Installation of renewable energy facilities (e.g., solar photovoltaics); 2) Purchase of renewable energy in lieu of fossil-fuel grid sources; 3) Construction of residences that achieve energy and water efficiencies beyond those specified in the California Code of Regulations, Title 24 requirements; 4) Implementation of energy efficient building design exceeding California Building Code requirements; 5) Installation of energy-efficient equipment and appliances exceeding California Green Building Code standards; 6) Construction of all-electric buildings; 7) Installation of outdoor water conservation and recycling features, such as smart irrigation controllers and reclaimed water usage; 8) Installation of low-flow bathroom and kitchen fixtures and fittings; 9) Provision of incentives and outreach for future residents to promote alternative transportation and transit use; 10) Promotion of alternative fuel vehicles; 11) Increased provision of EV charging parking spaces beyond required; 12) Implementation of carbon sequestration measures.</li> </ul>	Prior to ground disturbing activities and construction.	Annually	CSUF Capital Programs and Facilities Management
<b>GHG-2</b> Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.	See Mitigation Measure GHG-1 above.	Prior to ground disturbing activities and construction.	Annually	CSUF Capital Programs and Facilities Management

<sup>1</sup> The analysis did not include projects in the Campus Master Plan considered “immediate” or part of the 5-year capital plan

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
<b>Geology and Soils</b>				
<p><b>GEO-1</b> Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault; Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking; Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction; and/or directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving landslides.</p>	<p><b>GEO-1 Perform site specific geotechnical investigations.</b> A site-specific geotechnical investigation shall be performed for each future development or redevelopment project proposed under the Campus Master Plan. Appropriate stabilization and site design recommendations, or low impact development features determined necessary to support proposed development shall be incorporated in the project design and implemented as part of project construction. Examples of stabilization and erosion control recommendations may include. But are not limited to:</p> <ul style="list-style-type: none"> <li>▪ Installation of earthen buttress(es);</li> <li>▪ Excavation of landslide mass/material;</li> <li>▪ Slope stabilization through excavation into bench and/or keyways and other methods;</li> <li>▪ Deep soil mixing;</li> <li>▪ Installation of retaining walls;</li> <li>▪ Use of tie-back anchors, micropiles or shear pins; or</li> </ul> <p>A combination of any of these methods.</p>	<p>Prior to and during ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
<p><b>GEO-4</b> Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature.</p>	<p><b>GEO-2 Retain a Qualified Paleontologist.</b> Prior to the commencement of ground disturbing activities, a qualified professional paleontologist shall be retained to review all project plans where ground disturbance is expected to occur at or below eight feet below ground surface (bgs) within areas mapped as Holocene alluvial deposits (Qa) to determine if underlying paleontologically sensitive units (i.e., Pleistocene age deposits or the La Habra Formation) could be impacted. If potentially significant impacts are identified, the qualified professional paleontologist shall prepare and implement a Paleontological Resources Mitigation Plan (PRMP). A Qualified Paleontologist is an individual who meets the education and professional experience standards as set forth by the SVP (2010), which recommends the paleontologist shall have at least a Master’s Degree or equivalent work experience in paleontology, shall have knowledge of the local paleontology, and shall be familiar with paleontological procedures and techniques. The PRMP shall describe mitigation recommendations in detail, including paleontological monitoring procedures; communication protocols to be followed in the event that an unanticipated fossil discovery is made during project development; and preparation, curation, and reporting requirements.</p>	<p>Prior to ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>
	<p><b>GEO-3 Paleontological Worker Environmental Awareness Program (WEAP).</b> Prior to the start of construction, the Qualified Paleontologist or his or her designee, shall conduct training for construction personnel regarding the appearance of fossils and the procedures for notifying paleontological staff should fossils be discovered by construction staff. The WEAP shall be fulfilled at the time of a preconstruction meeting. In the event a fossil is discovered by construction personnel anywhere in the campus, all work in the immediate vicinity of the find shall cease and a qualified paleontologist shall be contacted to evaluate the find before re-starting work in the area. If it is determined that the fossil(s) is (are) scientifically significant, the qualified paleontologist shall complete the mitigation outlined below to mitigate impacts to significant fossil resources.</p>	<p>Prior to ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
	<p><b>GEO-4 Paleontological Monitoring.</b> Initially, full-time monitoring shall be conducted during ground construction activities (i.e., grading, trenching, foundation work, and other excavations) in areas where ground disturbance would occur at or below eight feet bgs within intact Holocene deposits. Monitoring shall be conducted by a qualified paleontological monitor, who is defined as an individual who meets the minimum qualifications per standards set forth by the SVP (2010), which includes a B.S. or B.A. degree in geology or paleontology with one year of monitoring experience and knowledge of collection and salvage of paleontological resources. The duration and timing of the monitoring shall be determined by the Qualified Paleontologist and the location and extent of proposed ground disturbance. If the Qualified Paleontologist determines that full-time monitoring is no longer warranted, based on the specific geologic conditions at the surface or at depth, the Qualified Paleontologist may recommend that monitoring be reduced to periodic spot-checking or cease entirely.</p>	<p>Commencement to ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>
	<p><b>GEO-5 Fossil Discovery, Preparation, and Curation.</b> If a paleontological resource is discovered, the monitor shall have the authority to temporarily divert the construction equipment around the find until it is assessed for scientific significance and collected. Typically, fossils can be safely salvaged quickly by a single paleontologist and not disrupt construction activity. In some cases, larger fossils (such as complete skeletons or large mammals) require more extensive excavation and longer salvage periods. In this case, the paleontologist should have the authority to temporarily direct, divert or halt construction activity to ensure that the fossil(s) can be removed in a safe and timely manner.</p>	<p>Commencement of ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>
	<p><b>GEO-6 Final Paleontological Mitigation Report.</b> At the conclusion of laboratory work and museum curation, a final report shall be prepared describing the results of the paleontological mitigation monitoring efforts associated with the project. The report shall include a summary of the field and laboratory methods, an overview of the project geology and paleontology, a list of taxa recovered (if any), an analysis of fossils recovered (if any) and their scientific significance, and recommendations. The final report shall be submitted to the CSUF. If the monitoring efforts produced fossils, then a copy of the report shall also be submitted to the designated museum repository.</p>	<p>At the conclusion of museum curation and laboratory work.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
<b>Noise</b>				
<p><b>N-1</b> Result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.</p>	<p><b>N-1 Pile Driver Noise and Vibration Reduction Measures.</b> If pile driving is to be used within 260 feet of a structure during project construction, one of the following measures shall be implemented:</p> <ul style="list-style-type: none"> <li>▪ Use of a pile driver shall not occur within 260 feet of a structure; or</li> <li>▪ A Campus Master Plan-specific noise and vibration impact analysis shall be conducted that shall consider the type of pile driver used and potential noise and vibration levels at structures within 260 feet. If, after consideration of the type of pile driver used and other factors of the environment, noise levels do not exceed 80 dBA (8-hour) and vibration levels do not exceed the distinctly perceptible impact for humans of 0.24 in/sec PPV and the structural damage impact to residential structures of 0.2 in/sec PPV, construction may proceed without additional measures. If, after consideration of the type of pile driver used and other factors of the environment, noise levels exceed 80 dBA (8-hour) or vibration levels exceed the distinctly perceptible impact for humans of 0.24 in/sec PPV or the structural damage impact to residential structures of 0.2 in/sec PPV, additional measures shall be implemented to reduce noise and vibration levels below threshold. These measures may include, but not be limited too, use of temporary noise barriers or performing pile driving at a further distance from the noise-sensitive land use.</li> </ul> <hr/> <p><b>N-2 HVAC Noise Reduction Measures.</b> Concurrent with design review and prior to the approval of building permits, CSUF shall require a Campus Master Plan-specific design plan for projects demonstrating that the noise level from operation of HVAC units shall not cumulatively exceed the following noise level limits at receiving noise-sensitive land uses as specified in Fullerton Municipal Code Chapter 15.9045:</p> <ul style="list-style-type: none"> <li>▪ For exterior locations, 55 dBA from 7:00 a.m. to 10:00 p.m. and 50 dBA from 10:00 p.m. to 7:00 a.m.</li> <li>▪ For interior locations, 55 dBA from 7:00 a.m. to 10:00 p.m. and 45 dBA from 10:00 p.m. to 7:00 a.m.</li> </ul> <p>Noise control measures shall include, but are not limited to, the selection of quiet equipment, equipment setbacks, silencers, and/or acoustical louvers.</p>	<p>Commencement of ground disturbing activities and construction.</p> <hr/> <p>Prior to approval of building permits.</p>	<p>One time</p> <hr/> <p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p> <hr/> <p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
<p><b>N-2</b> Result in generation of excessive groundborne vibration or groundborne noise levels.</p>	<p>See Mitigation Measure N-1 above.</p>	<p>Commencement of ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>
<p><b>Tribal Cultural Resources</b></p>				
<p><b>TCR-1</b> Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:</p> <ul style="list-style-type: none"> <li>a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?, or</li> <li>b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in Public Resources Code Section 5024.1(c). In applying the criteria set</li> </ul>	<p>See Mitigation Measures CUL-2 and CUL-3 above.</p>	<p>Prior to ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
<p>forth in Public Resources Code Section 5024.1(c), the lead agency shall consider the significance of the resource to a California Native American tribe?</p>				
<p><b>TCR-2</b> Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:</p> <ul style="list-style-type: none"> <li>a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?, or</li> <li>b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in Public Resources Code Section 5024.1(c). In</li> </ul>	<p>See Mitigation Measures CUL-2 and CUL-3 above.</p>	<p>Prior to ground disturbing activities and construction.</p>	<p>One time</p>	<p>CSUF Capital Programs and Facilities Management</p>

Impact	Mitigation Measure	Implementation Timing	Monitoring Frequency	Responsible Party
applying the criteria set forth in Public Resources Code Section 5024.1(c), the lead agency shall consider the significance of the resource to a California Native American tribe?				

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