

Mitigation Monitoring and Reporting Program

PROJECT NAME: **Fire Station No. 2 & Fire Station No. 2 Temporary Location, City of Carlsbad**

PROJECT NO: **CUP 2018-0014/SUP 2018-0009/V 2018-0007 (Fire Station No. 2) & CUP 2019-0034/CDP 2019-0030 (Fire Station No. 2 Temporary Location)**

APPROVAL DATE/RESOLUTION NUMBERS: _____

The following environmental mitigation measures were incorporated into the Conditions of Approval for this project in order to mitigate identified environmental impacts to a level of insignificance. A completed and signed checklist for each mitigation measure indicates that this mitigation measure has been complied with and implemented, and fulfills the City’s monitoring requirements with respect to Assembly Bill 3180 (Public Resources Code Section 21081.6).

MITIGATION MEASURE		Monitoring Type	Monitoring Department	Shown on Plans	Verified Implementation	Remarks
BIO-1	BIO-1: Pre-Construction Nesting Bird Monitoring. The city would retain a qualified biologist to perform pre-construction nesting bird surveys if vegetation disturbance is scheduled to occur during the bird breeding season (between January 15 and September 15). The nesting bird surveys would occur no more than 72 hours prior to vegetation disturbance. If nesting birds are found, the biologist would establish an adequate buffer zone based on a species-by-species, case-by-case basis, in accordance with city policies and guidelines.	Pre-Construction	City			
CUL-1	CUL-1: Archeological Monitoring. The city would retain a qualified archaeologist and Native American monitors from a qualified Luiseno Tribe to monitor ground-disturbing construction activities that would have a reasonable likelihood to disturb areas of archaeological sensitivity. If archaeological material is identified at any point of construction, work in that location would be diverted, and the qualified archaeologist and Native American monitor would evaluate the nature and significance of the find.	During Construction	City			

Explanation of Headings

Type = Project, ongoing, cumulative.

Monitoring Dept. = Department, or Agency, responsible for monitoring a particular mitigation measure.

Shown on Plans = When mitigation measure is shown on plans, this column will be initialed and dated.

Verified Implementation = When mitigation measure has been implemented, this column will be initialed and dated.

Remarks = Area for describing status of ongoing mitigation measure, or for other information.

Legend

- PLN** Planning Division
- ENG** Land Development Engineering Division
- BLDG** Building Division

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MITIGATION MEASURE		Monitoring Type	Monitoring Department	Shown on Plans	Verified Implementation	Remarks
CUL-2	CUL-2: Incidental Discovery of Human Remains. If human remains are encountered during construction, work would be suspended within a 100-foot radius of the discovery and the county medical examiner would be immediately notified. If the medical examiner determines that the remains are of Native American origin, the city would notify the NAHC within 24 hours, and the NAHC would seek to notify the Most Likely Descendent.	During Construction	City			
PALEO-1	PALEO-1: Paleontological Monitoring. A qualified paleontologist would be retained during construction activities that would have a reasonable likelihood to disturb areas of high paleontological sensitivity. No monitoring is required for excavations in artificial fill with no paleontological sensitivity. If paleontological resources are encountered during construction, the paleontological monitor would have the authority to temporarily redirect construction away from the area of the find to assess its significance. If paleontological resources are encountered when the qualified paleontologist is not present, work in the immediate area of the find shall be redirected and the paleontologist shall be contacted to assess the find for significance. If determined to be significant, the fossil shall be collected from the field. Collected resources shall be prepared to the point of identification, identified to the lowest taxonomic level possible, cataloged, and curated into the permanent collections of a museum repository.	During Construction	City			
NOISE-1	NOISE-1: Construction Noise. The following mitigation measures shall be implemented. a) Construction activities shall adhere to the Carlsbad Municipal Code 8.48.010, which restricts operation of equipment or performance of construction after 6:00 p.m. on any day, before 7:00 a.m., Monday through Friday and before 8:00 a.m. on Saturday, all day on Sunday, and all day on any federal holiday.	During Construction	City			

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	<p>b) Construction equipment shall be properly maintained and equipped with noise-reduction intake and exhaust mufflers, in accordance with manufacturers' recommendations.</p> <p>c) Construction equipment staging areas shall be located at the furthest distance possible from nearby noise-sensitive land uses.</p>					
NOISE-2	<p>NOISE-2: Siren Delay at Dove Library Temporary Site. Fire Department staff shall delay their engine checks until after 9:00 a.m., and in the event of an emergency call, shall delay siren activation for both the fire engine and ambulance, until entering El Camino Real. There may be occasional situations where siren activation would be necessary on Dove Lane for public safety, but Fire Department protocol would be to delay siren activation until they reach El Camino Real.</p>	During Construction	City			
TRIBAL-1	<p>TRIBAL-1: Native American Monitoring. A Luiseño Native American monitor shall be present during all ground disturbing activities. Ground disturbing activities may include, but are not be limited to, archaeological studies, geotechnical investigations, clearing, grubbing, trenching, excavation, preparation for utilities and other infrastructure, and grading activities.</p>	During Construction	City			
TRIBAL-2	<p>TRIBAL-2: Native American Artifacts Uncovered. Any and all uncovered artifacts of Luiseño Native American cultural importance shall be returned to the San Luis Rey Band of Mission Indians, and/or the Most Likely Descendant, if applicable, and not be curated, unless ordered to do so by a federal agency or a court of competent jurisdiction.</p>	During Construction	City			
TRIBAL-3	<p>TRIBAL-3: Preconstruction Meeting. The Luiseño Native American monitor shall be present at the Project's preconstruction meeting to consult with grading and excavation contractors concerning excavation schedules and safety issues, as well as to consult with the</p>	During Construction	City			

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	archaeologist PI concerning the proposed archaeologist techniques and/or strategies for the Project.					
TRIBAL-4	TRIBAL-4: Temporary Divert and/or Halt Construction Activities. Luiseño Native American monitors and archaeological monitors shall have joint authority to temporarily divert and/or halt construction activities. If tribal cultural resources are discovered during construction, all earth-moving activity within and around the immediate discovery area must be diverted until the Luiseño Native American monitor and the archaeologist can assess the nature and significance of the find.	During Construction	City			
TRIBAL-5	TRIBAL-5: Data Recovery Plan. If a significant tribal cultural resource(s) and/or unique archaeological resource(s) are discovered during ground-disturbing activities for the Project, the San Luis Rey Band of Mission Indians, or another Luiseño Native American Band, shall be notified and consulted shall be notified and consulted regarding the respectful and dignified treatment of those resources. Pursuant to California Public Resources Code Section 21083.2(b) avoidance is the preferred method of preservation for archaeological and tribal cultural resources. If, however, the Applicant is able to demonstrate that avoidance of a significant and/or unique cultural resource is infeasible and a data recovery plan is authorized by the City of Carlsbad as the lead agency, the San Luis Rey Band of Mission Indians, or another Luiseño Native American Band, shall be consulted regarding the drafting and finalization of any such recovery plan.	During Construction	City			
TRIBAL-6	TRIBAL-6: Collection of Tribal Cultural Resources. The avoidance and/or preservation of the significant tribal cultural resource and/or unique archaeological resource must first be considered and evaluated as required by CEQA. Where any significant tribal cultural resources and/or unique archaeological resources have been discovered and avoidance and/or preservation measures are	During Construction	City			

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	<p>deemed to be infeasible by the city, then a research design and data recovery program to mitigate impacts shall be prepared by the qualified archaeologist (using professional archaeological methods), in consultation with a Luiseño Native American monitor and shall be subject to approval by the city.</p> <p>When the archaeologist collects such resources, a Luiseño Native American monitor must be present during any testing or cataloging of those resources. If the archaeologist does not collect the tribal cultural resources that are unearthed during the ground disturbing activities, the Luiseño Native American monitor may, at their discretion, collect said resources and provide them to the San Luis Rey Band of Mission Indians, or another Luiseño Native American Band, for dignified and respectful treatment in accordance with their cultural and spiritual traditions.</p> <p>In addition, an option to include an on-site reburial in a protected area (i.e. open space easement or conservation area) to avoid impacts from future development and/or maintenance projects.</p>					
TRIBAL-7	<p>TRIBAL-7: Incidental Discovery of Human Remains. If suspected Native American human remains are encountered, California Health and Safety Code Section 7050.5(b) states that no further disturbance shall occur until the San Diego County Medical Examiner has made the necessary findings as to origin. Further, pursuant to California Public Resources Code Section 5097.98(b) remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. Suspected Native American remains shall be examined in the field and kept in a secure location at the site. A Luiseño Native American monitor shall be present during the examination of the remains. If the San Diego</p>	During Construction	City			

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	County Medical Examiner determines the remains to be Native American, the NAHC must be contacted by the Medical Examiner within 24 hours. The NAHC must then immediately notify the “Most Likely Descendant” about the discovery. The Most Likely Descendant shall then make recommendations within 48 hours and engage in consultation concerning treatment of remains as provided in Public Resources Code 5097.98.					
TRIBAL-8	TRIBAL-8: Imported Fill Material. In the event that fill material is imported into the Project area, the fill shall be clean of tribal cultural resources and documented as such. Commercial sources of fill material are already permitted as appropriate and would be culturally sterile. If fill material is to be utilized and/or exported from areas within the Project site, then that fill material shall be analyzed and confirmed by an archeologist and Luiseño Native American monitor that such fill material does not contain tribal cultural resources.	During Construction	City			
TRIBAL-9	TRIBAL-9: Testing of Tribal Cultural Resources. No testing, invasive or non-invasive, shall be permitted on any recovered tribal cultural resources without the written permission of the San Luis Rey Band of Mission Indians or another Luiseño Native American Band.	During Construction	City			
TRIBAL-10	TRIBAL-10: Monitoring Report. Prior to the release of the grading bond, a monitoring report and/or evaluation report, if appropriate, which describes the results, analysis and conclusions of the monitoring program shall be submitted by the archaeologist, along with the Luiseño Native American monitor’s notes and comments, to the City of Carlsbad for approval. Said report shall be subject to confidentiality as an exception to the Public Records Act and will not be available for public distribution.	During Construction	City			