

MITIGATION MONITORING AND REPORTING PROGRAM FOR NEW RESERVOIR 5B-2

The following mitigation measures have been identified in a Mitigated Negative Declaration prepared for Cucamonga Valley Water District's construction and operation of New Reservoir 5B-2. The 3 million gallon tank would be located on property generally located north of Hillside Road, east of Archibald Ave, west of Haven Ave, and south of the foothills. The Proposed Project would occur on two parcels located within the City of Rancho Cucamonga. Both parcels are currently owned by the CVWD: Assessor's Parcel Number (APN) 1074-101-22 currently developed with Reservoir 5B and APN 1074-101-21 which is vacant and adjacent to the developed parcel.

A completed and signed checklist for each measure indicates that a measure has been implemented, and fulfills CVWD's monitoring requirements with respect to Public Resources Code Section 21081.6.

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Mitigation Measures	Responsible Party	Timing of Compliance	Signature and Date of Compliance
<i>Biological Measures</i>			
<p>BIO-1: <i>Regardless of the time of year, a nesting bird survey shall be performed by a qualified biologist no more than 3 days prior to vegetation removal or ground-disturbing activities. The pre-construction survey shall focus on both direct and indirect evidence of nesting, including nest locations and nesting behavior. The qualified biologist will make every effort to avoid potential nest predation as a result of survey and monitoring efforts. If active nests are found during the pre-construction nesting bird survey, a qualified biologist shall establish an appropriate nest buffer to be marked on the ground. Nest buffers are species-specific and shall be at least 300 feet for passerines and 500 feet for raptors. A smaller or larger buffer may be determined by a qualified biologist familiar with the nesting phenology of the nesting species and based on nest and buffer monitoring results. Established buffers shall remain on site until a qualified biologist determines the young have fledged or the nest is no longer active. Active nests and adequacy of the established buffer distance shall be monitored daily by the qualified biologist until the qualified biologist has determined the young have fledged or the Project has been completed. The qualified biologist has the authority to stop work if nesting pairs exhibit signs of disturbance. If no active nests are found during the pre-construction nesting bird survey, all vegetation removal or ground-disturbing activities may commence.</i></p>	<p>CVWD Engineering Staff</p> <p>Qualified Biologist</p>	<p>Three days prior to vegetation removal or ground-disturbing activities</p>	
<i>Cultural Resources Measures</i>			
<p>CR-1: <i>Should unanticipated or inadvertent surface and/or subsurface prehistoric or historic archaeological resources, built environment, and/or tribal cultural resources appear to be encountered during construction or maintenance activity associated with this project, then all work must halt within a 100-foot radius of the discovery until a qualified professional can evaluate the discovery. If the finds are archaeological or historic in nature, then an archaeologist, meeting the Secretary of the Interior’s Professional Qualification Standards for prehistoric and/or historic</i></p>	<p>CVWD Engineering Staff</p> <p>Project Construction Superintendent</p> <p>Project Archaeologist</p>	<p>Implementation on-going during construction</p>	

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<p><i>archaeology, shall evaluate the significance of the find. This archaeologist shall have the authority to modify the no-work radius as appropriate, using professional judgment. The following shall apply, depending on the nature of the find:</i></p> <ul style="list-style-type: none"> • <i>If the professional archaeologist determines that the find does not represent a cultural resource, then work may resume immediately, and no agency notifications are required.</i> • <i>If the professional archaeologist determines that the find does represent a cultural resource from any time or cultural affiliation then, depending on the nature of the discovery, appropriate treatment measures shall be developed.</i> • <i>If the find represents a Native American or potentially Native American resource that does not include human remains, which may or may not include a Tribal Cultural Resource, then the archaeologist shall consult with appropriate Tribe[s] on whether or not the resource represents either a Tribal Cultural Resource or a Historical Resource, or both, and, if so, consult on appropriate treatment measures. Preservation in place is the preferred treatment, if feasible. Work cannot resume within the no-work radius until the District, through consultation as appropriate, determines that: 1) the site is not a Tribal Cultural Resource or Historical Resource; or 2) the treatment measures for the Tribal Cultural Resource or Historical Resource have been completed.</i> 			
<p>CR-2: <i>If, at any time, evidence of human remains (or suspected human remains) are uncovered, the County Coroner must be contacted immediately and permitted to examine the find in situ. A buffer must be established around the find (minimum of 50 feet) and the consulting archaeologist must also be notified.</i></p> <p><i>If the remains are determined to be of Native American origin, the Coroner will contact the Native American Heritage Commission and the</i></p>	<p>CVWD Engineering Staff</p> <p>Project Archaeologist Project Construction Superintendent</p>	<p>On-going during construction</p>	

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<p><i>Most Likely Descendant (MLD) will be named. In consultation with the MLD, the County, project proponent, and consulting archaeologist, the disposition of the remains will be determined. Any costs incurred will be the responsibility of the project proponent/property owner.</i></p> <p><i>If the remains are determined to be archaeological, but non-Native American, the consulting archaeologist will oversee the removal, analysis, and disposition of the remains. Any costs incurred will be the responsibility of the project proponent/property owner.</i></p> <p><i>If the remains are determined to be of forensic value, the County Coroner will arrange for their removal, analysis, and disposition. The Coroner's activities will not involve any costs to the project proponent/property owner.</i></p> <p><i>If human remains are encountered during the undertaking, State 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 Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the Coroner will notify the Native American Heritage Commission (NAHC), which will determine and notify a Most Likely Descendant (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC.</i></p>			
Geology and Soils Measures			
<p>GEO-1: <i>Should any paleontological resources be encountered during construction of the project facilities, earthmoving or grading activities in the immediate area of the finds shall be halted and an onsite inspection shall be performed immediately by a qualified paleontologist. Responsibility for making this determination shall be with the CVWD's</i></p>	<p>CVWD Engineering Staff</p> <p>Project Paleontologist (if required)</p>	<p>During excavations only into areas of Quaternary alluvial deposits.</p>	

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<i>onsite inspector. The paleontological professional shall assess the find, determine its significance, and determine appropriate mitigation within the guidelines of the California Environmental Quality that shall be implemented to minimize any impacts to a paleontological resource.</i>	Project Construction Superintendent		
<i>Hazards and Hazardous Materials</i>			
HAZ-1: <i>During construction, all staging areas, welding areas, or areas slated for construction using spark-producing equipment will be cleared of dried vegetation or other material that could ignite. Spark arresting equipment shall be in good working order. The CVWD and its contractor shall require all vehicles and crews working at the Project site to have access to functional fire extinguishers at all times. In addition, construction crews are required to have a spotter during welding activities to look out for potentially dangerous situations, including accidental sparks. The contractor also shall prepare a safety plan for the implementation of additional protocols when the National Weather Service issues a Red Flag Warning. The safety plan should remain on file with the CVWD during construction. Such protocols should address smoking and fire rules, storage and parking areas, use of gasoline-powered tools, use of spark arresters on construction equipment, road closures, use of a fire guard, fire suppression tools, fire suppression equipment, and training requirements.</i>	CVWD Engineering Staff Project Construction Superintendent	On-Site During Construction	
<i>Noise</i>			
NOI-1: <i>CVWD will ensure that the BMPs listed in Appendix E of the Initial Study will be implemented by the construction contractor.</i>	CVWD Engineering Staff Project Construction Superintendent	Prior to construction and on-going until final construction	

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<i>Tribal Cultural Resource Measures</i>			
<p>TCR-1: <i>The Yuhaaviatam of San Manuel Nation Cultural Resources Department (YSMN) shall be contacted, as detailed in CR-1, of any pre-contact and/or historic-era cultural resources discovered during project implementation, and be provided information regarding the nature of the find, so as to provide Tribal input with regards to significance and treatment. Should the find be deemed significant, as defined by CEQA (as amended, 2015), a Cultural Resources Monitoring and Treatment Plan shall be created by the archaeologist, in coordination with YSMN and other tribes as appropriate, and all subsequent finds shall be subject to this Plan. This Plan shall allow for a monitor to be present that represents YSMN, or other tribe as appropriate, for the remainder of the project, should YSMN, or other tribe as appropriate, elect to place a monitor on-site.</i></p>	<p>CVWD Engineering Staff</p> <p>Project Archaeologist</p>	<p>On-going during construction</p>	
<p>TCR-2: <i>Any and all archaeological/cultural documents created as a part of the project (isolate records, site records, survey reports, testing reports, etc.) shall be supplied to the CVWD for dissemination to YSMN, or other tribe as deemed appropriate. The CVWD shall, in good faith, consult with YSMN throughout the life of the project.</i></p>	<p>Project Archaeologist</p> <p>Project Construction Superintendent</p>	<p>On-going during construction</p>	