

Mitigation Monitoring and Reporting Program

Pacoima Spreading Grounds Improvement Project City of Los Angeles, California

SCH No. 2016011026

Prepared for | Los Angeles County Flood Control District
900 South Fremont Avenue
Alhambra, California 91803-1331

Prepared by | Psomas
225 South Lake Avenue, Suite 1000
Pasadena, California 91101
T: (626) 351-2000

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TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
Section 1.0 Mitigation Monitoring and Reporting Program.....	1

TABLES

<u>Table</u>	<u>Page</u>
1 Mitigation Monitoring and Reporting Program.....	2

SECTION 1.0 MITIGATION MONITORING AND REPORTING PROGRAM

Section 21081.6 of CEQA and Section 15097 of the State CEQA Guidelines states that, when adopting a Mitigated Negative Declaration (MND), the Lead Agency shall also adopt a program for reporting on or monitoring the changes that it has either required in the project or made a condition of approval to reduce or avoid significant environmental effects.

This Mitigation Monitoring and Reporting Program (MMRP), describes the mitigation program to be implemented by the Los Angeles County Flood Control District (LACFCD), as the Lead Agency, during construction of the Project. Specific reporting and/or monitoring requirements that will be enforced during Project implementation shall be adopted simultaneously with final Project approval by the responsible decision-making body for the LACFCD, the Los Angeles County Board of Supervisors (Board).

The MMRP for the Pacoima Spreading Grounds Improvement Project, presented in Table 1, consists of Mitigation Measures (MMs), identified in the Recirculated MND that are required to reduce or avoid significant environmental effects associated with Project implementation. The MMs for the Project are listed in the first column in Table 1, with the timeframe for implementation in the second column, the agency or party with primary responsibility for implementation in the third column, and the agency or party with responsibility for monitoring compliance in the last column. The LACFCD will confirm that all MMs are included in the Contractor Specifications and bid documents, as appropriate, and verified as part of MMRP implementation, consistent with Section 15097 of the State CEQA Guidelines.

**TABLE 1
MITIGATION MONITORING AND REPORTING PROGRAM**

Mitigation Measure	Timing	Responsible Party	Completion Date
Air Quality			
<p>MM AQ-1: The Los Angeles County Flood Control District (LACFCD) shall include in the Contractor specifications the requirement that all off-road diesel-powered construction equipment greater than 50 horsepower shall meet the Tier 4 Final emissions standards. To provide evidence that the equipment is the appropriate tier, it shall be registered with the California Air Resources Board and labelled detailing that the equipment meets Tier 4 emissions standards. This requirement shall be monitored by LACFCD's on-site Construction Inspector, when inspecting the site.</p>	<p>During preparation of contractor specifications, and during Project construction</p>	<p>LACFCD</p>	
<p>MM AQ-2: Prior to the start of haul truck operations, the Los Angeles County Flood Control District (LACFCD) shall include in the Contractor specifications the requirement that the top of the central levee spanning the spreading grounds in a northeast-southwest direction be paved or a Roadway Mat System that is no less effective than a paved road at controlling fugitive dust emissions, be installed. In order to eliminate an adequate amount of unpaved surface to reduce dust emissions to a less than significant level, the paving or Roadway Mat System shall be of sufficient length to cover the greater of either: (1) a minimum of 25 percent of the total off-road path length being utilized by the haul trucks within the spreading grounds; or (2) a minimum of 660 linear feet of the paving or Roadway Mat System. The paving or Roadway Mat System shall be routinely inspected and maintained by the Contractor as often as needed to ensure the integrity of the surface and eliminate fugitive dust emissions from the off-road segments with this treatment. The haul truck drivers shall be directed to drive on the paving or Roadway Mat System exclusively unless there is no feasible alternative. The condition and use of the paved/matted levee roads shall be monitored by LACFCD's on-site Construction Inspector when inspecting the site.</p>	<p>Prior to start of haul truck operations, and as needed throughout Project implementation</p>	<p>LACFCD</p>	
Biological Resources			
<p>MM BIO-1: The Project shall be conducted in compliance with the conditions set forth in the Migratory Bird Treaty Act (MBTA) and California Fish and Game Code with methods approved by the U.S. Fish and Wildlife Service (USFWS) and California Department of Fish and Wildlife (CDFW) to protect active bird/raptor nests. As the Project requires that work be initiated during the breeding season for nesting birds (March 1–September 15) and nesting raptors (January 1–July 31), the Los Angeles County Flood Control District (LACFCD) shall perform (via County of Los Angeles biologist staff), or direct the performance of, a pre-construction survey for nesting birds and/or raptors shall be conducted by a qualified Biologist within three days prior to any construction activities on the Project site and in the immediately surrounding area (i.e., perform survey within 50 feet for nesting birds and within 500 feet for nesting raptors). If the Biologist does not find any active nests in or immediately adjacent to the Project site, the construction work shall be allowed to proceed and no further mitigation is required.</p> <p>If the Biologist finds an active nest in or immediately adjacent to the Project site and determines that the nest may be impacted or breeding activities substantially disrupted due to planned construction activities, the Biologist shall delineate an appropriate buffer zone around the nest depending on the sensitivity of the species and the nature of the construction activity. Any nest found during survey efforts shall be mapped on the construction plans. The active nest shall be protected until nesting activity has ended. To protect any nest site, the following restrictions to construction activities shall be</p>	<p>Within 3 days of any construction activity and during construction, depending on findings of pre-construction survey</p>	<p>LACFCD</p>	

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<p>required until nests are no longer active, as determined by a qualified Biologist: (1) construction limits shall be established within a buffer around any occupied nest (the buffer shall be 25–100 feet for nesting birds and 300–500 feet for nesting raptors), unless otherwise determined by a qualified Biologist and (2) access and surveying shall be restricted within the buffer of any occupied nest, unless otherwise determined by a qualified Biologist. A qualified Biologist may determine a reduced buffer is appropriate due to existing screening or limited extent and/or duration of an impact such that nesting birds are not expected to be negatively impacted. Encroachment into the buffer area around a known nest shall only be allowed if the Biologist determines that the proposed activity would not disturb the nest occupants. Construction in a buffer area can proceed when the qualified Biologist has determined that fledglings have left the nest or the nest has failed. These requirements shall be monitored by LACFCD’s on-site Construction Inspector when inspecting the site.</p>			
Cultural Resources			
<p>MM CUL-1: The Los Angeles County Flood Control District (LACFCD) shall include in the Contractor specifications the requirement that prior to the start of sediment removal, a qualified Paleontologist shall be present at the pre-grading conference to establish procedures for temporarily halting or redirecting work to permit the sampling, identification, and evaluation of newly discovered paleontological resources found during excavation activities. The paleontologist shall conduct a training for construction personnel and on-site County staff on the identification of possible paleontological resources that may be present in the area. A monitoring protocol shall be established by the Paleontologist upon discovery to identify and salvage any paleontological resources that may be unearthed through excavation activities. Monitoring shall only be required for soil disturbance into native soils that have the potential for resources, which occur approximately ten feet or deeper below the surface soils. The County Monitors must be adequately trained by a qualified Paleontologist in the recognition of paleontological resources. Any discovered resources shall be reported to a qualified Paleontologist for evaluation. If the resource is found to be significant, the Paleontologist shall determine appropriate actions, in cooperation with the County, for further exploration and/or salvage. A Disposition of the Recovered Paleontological Resources and Mitigation Report shall be prepared by the qualified Paleontologist and submitted to the County. Any recovered fossils shall be deposited in an accredited institution or museum, such as the Natural History Museum of Los Angeles County. These requirements shall be monitored by LACFCD’s on-site Construction Inspector when inspecting the site.</p>	<p>Prior to start of sediment removal in spreading basins, and during excavation if a resource is encountered.</p>	<p>LACFCD</p>	

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Noise			
<p>MM NOI-1: The Los Angeles County Flood Control District shall construct, or have constructed as part of the Contractor specifications, an 8-foot-high temporary sound wall along the shared property line with the nearby homes located northwest of the headworks improvements area. The sound wall shall extend at least 100 feet past the extent of the intake channel demolition activities (i.e., deconstruction of the concrete channel and other existing infrastructure) and shall be constructed of minimum ½-inch plywood or Oriented Strand Board (OSB). The sound wall shall be installed prior to the start of demolition activities and shall remain until the completion of the headworks improvements.</p>	<p>Prior to start of demolition in headworks and throughout construction of headworks improvements.</p>	<p>LACFCD</p>	
Traffic			
<p>MM TRA-1: The Los Angeles County Flood Control District (LACFCD) shall include in the Contractor's specifications the requirement that planned hourly outbound (i.e., loaded) haul truck trips during the AM peak hour, mid-day peak hour, and PM peak hour reflect the following requirements:</p> <ul style="list-style-type: none"> • For the AM peak hours, reduce the transport of 18-cy capacity trucks from a total of 23 trucks to 13 trucks, or reduce the transport of 14-cy capacity trucks from a total of 30 trucks to 16 trucks; • For the mid-day peak hours, increase the transport of 18-cy capacity trucks from a total of 23 trucks hourly to 26 trucks, or increase the transport of 14-cy capacity trucks from a total of 30 trucks hourly to 34 trucks; and • For the PM peak hours, maintain the transport of 18-cy capacity trucks at a total of 23 trucks hourly (but with an adjusted assignment for Haul Route B and Haul Route C), or reduce the transport of 14-cy capacity trucks from a total of 30 trucks hourly to 29 trucks. <p>This MM shall be monitored by LACFCD's on-site Construction Inspector when inspecting the site.</p>			
<p>MM TRA-2: The Los Angeles County Flood Control District (LACFCD) shall include in the Contractor's specifications the requirement that haul trucks do not travel solely to the Boulevard Pit sediment disposal site at any time. This measure shall be monitored by LACFCD's on-site Construction Inspector when inspecting the site.</p>	<p>During all sediment export activities</p>	<p>LACFCD</p>	

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Tribal Cultural Resources				
<p>No significant impact on tribal cultural resources has been identified. This MM has been provided to facilitate implementation of the County's voluntary actions.</p>	<p>MM TCR-1: The Los Angeles County Flood Control District (LACFCD) shall include in the Contractor specifications the requirement that prior to the start of sediment removal, a qualified Archaeologist or Native American monitor shall be present at a pre-grading conference to provide the construction personnel with a training on monitoring policy and procedure as appropriate for the Project site. The Contractor specifications shall also require that subsequent to the start of excavation into native soils, a Native American monitor either affiliated with the Tataviam or otherwise determined by the Tataviam to be qualified is scheduled for monthly visits of excavation areas for the duration of the excavation activities. The Native American monitor shall be responsible for immediately notifying the LACFCD's Construction Inspector and the Contractor's Construction Manager in the event a potential resource is encountered. In this event, the processes defined in the California Public Resources Code for the management of unanticipated archaeological resources or human remains (see RR CUL-1 and RR CUL-2, respectively) shall be implemented. These requirements shall be monitored by LACFCD's on-site Construction Inspector when inspecting the site.</p>	<p>Prior to the start of sediment removal, and monthly after start of sediment removal activities</p>	<p>LACFCD</p>	