

MITIGATION MONITORING and REPORTING PROGRAM

MARTY RUSSO YOUTH ATHLETIC PARK LIGHTING PROJECT

Lead Agency:

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1.0 MITIGATION MONITORING AND REPORTING PROGRAM

1.1 Introduction

This is the Mitigation Monitoring and Reporting Program (MMRP) for the Marty Russo Youth Athletic Park Lighting project. It has been prepared pursuant to the requirements of Public Resources Code §21081.6, which among other things, states that when a governmental agency adopts or certifies a CEQA document that contains the environmental review of a proposed project, “The public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation.”

The City of Mission Viejo is the lead agency for the project, and is therefore, responsible for administering and implementing the MMRP program. The decision-makers must define specific reporting and/or monitoring requirements to be enforced during project implementation prior to final approval of the proposed project.

1.2 Project Overview

The City of Mission Viejo proposes to install ten (10) galvanized steel poles ranging in height from 60' to 90' at fields 2, 3, and 7, eliminating twelve (12) portable light generators at Marty Russo Youth Athletic Park (MRYAP), located at 22056 Olympiad Road, in the R (Recreation) zone. The light fixtures will be factory aimed and utilize the latest LED technology, ensuring accurate light distribution and proper photometrics are provided on each ball field. Additionally, the light fixtures will utilize external visors to focus the light from each light pole onto each specific field, minimizing off-site light spillage and glare to the street and surrounding properties.

1.3 Monitoring and Reporting Procedures

This MMRP includes the following information: (1) mitigation measures that will either eliminate or lessen the potential impact from the project; (2) the monitoring milestone or phase during which the measure should be complied with or carried out; (3) the enforcement agency responsible for monitoring mitigation measure compliance; and (4) the initials of the person verifying the mitigation measure was completed and the date of verification.

The MMRP will be in place through all phases of a project including project design (preconstruction), project approval, project construction, and operation. The City will ensure that monitoring is documented through periodic reports and that deficiencies are promptly corrected. The designated environmental monitor will track and document compliance with mitigation measures, note any problems that may result, and take appropriate action to rectify problems.

Each mitigation measure is listed and categorized by impact area, with an accompanying discussion of:

- The phase of the project during which the measure should be monitored;
 - Project review and prior to project approval

- During grading or building plan check review and prior to issuance of a grading or building permit
 - On-going during construction
 - Throughout the life of the project
- The enforcement agency; and
- The initials of the person verifying completion of the mitigation measure and date. The MMRP is provided as **Table 1** (Mitigation Monitoring and Reporting Program).

Table 1
MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Measure	Mitigation Measure	Monitoring Milestone	Enforcement Agency	Verification of Compliance
Air Quality				
No. 1.	Prior to the start and throughout project construction, the contractor shall implement and maintain the following fugitive dust control measures: <ul style="list-style-type: none"> • Water exposed surfaces as needed to avoid visible dust leaving the construction site (typically 2-3 times/day). • Cover all stockpiles with tarps at the end of each day or as needed. • Provide water spray during loading and unloading of earthen materials. • Cover all trucks hauling dirt, sand, or loose material to Lower Curtis Park and require all trucks to maintain at least two feet of freeboard. • Sweep streets if visible soil material is carried out from the construction site and spills onto the street. 	Prior to the start and throughout project construction.	City of Mission Viejo Public Works Department	<hr/> Initial <hr/> Date
Cultural Resources				
No. 2.	The City shall retain a qualified professional archaeologist who meets U.S. Secretary of the Interior's Professional Qualifications and Standards, to conduct an Archaeological Sensitivity Training for construction personnel prior to commencement of excavation activities. The training session shall be carried out by a cultural resource professional with expertise in archaeology, who meets the U.S.	Prior to the start of construction.	City of Mission Viejo Community Development Department	<hr/> Initial <hr/> Date

Mitigation Measure	Mitigation Measure	Monitoring Milestone	Enforcement Agency	Verification of Compliance
	<p>Secretary of the Interior's Professional Qualifications and Standards. The training session shall include a handout and focus on how to identify archaeological resources that may be encountered during earthmoving activities and the procedures to be followed in such an event, the duties of archaeological monitors, and the general steps a qualified professional archaeologist would follow in conducting a salvage investigation if one is necessary.</p>			
No. 3.	<p>In the event that archaeological resources are unearthed during ground-disturbing activities, ground-disturbing activities shall be halted or diverted away from the vicinity of the find so that the find can be evaluated. A buffer area of at least 20 feet shall be established around the find where construction activities shall not be allowed to continue until a qualified archaeologist has examined the newly discovered artifact(s) and has evaluated the area of the find. Work shall be allowed to continue outside of the buffer area. All archaeological resources unearthed by project construction activities shall be evaluated by a qualified professional archaeologist, who meets the U.S. Secretary of the Interior's Professional Qualifications and Standards. Should the newly discovered artifacts be determined to be prehistoric, Native American Tribes/Individuals shall be contacted</p>	<p>On-going during construction.</p>	<p>City of Mission Viejo Community Development Department</p> <hr/> <p>Initial</p> <hr/> <p>Date</p>	

Mitigation Measure	Mitigation Measure	Monitoring Milestone	Enforcement Agency	Verification of Compliance
	and consulted, and Native American construction monitoring shall be initiated. The City shall coordinate with the archaeologist to develop an appropriate treatment plan for the resources. The plan may include implementation of archaeological data recovery excavations to address treatment of the resource along with subsequent laboratory processing and analysis.			
No. 4.	The City shall retain a qualified professional archaeologist, who meets the U.S. Secretary of the Interior's Professional Qualifications and Standards to conduct periodic Archaeological Spot Checks beginning at depths below 2' feet to determine if construction excavations have exposed or have a high probability to expose archaeological resources. After the initial Archaeological Spot Check, further periodic checks shall be conducted at the discretion of the qualified archaeologist. If the qualified archaeologist determines that construction excavations have exposed or have a high probability to expose archaeological artifacts construction monitoring for Archaeological Resources shall be required. The project developer shall retain a qualified archaeological monitor, who will work under the guidance and direction of a professional archaeologist, who meets the qualifications set forth by	On-going during construction.	City of Mission Viejo Community Development Department	<hr/> Initial <hr/> Date

Mitigation Measure	Mitigation Measure	Monitoring Milestone	Enforcement Agency	Verification of Compliance
	<p>the U.S. Secretary of the Interior's Professional Qualifications and Standards. The archaeological monitor shall be present during all construction excavations (e.g., grading, trenching, or clearing/grubbing) into non-fill younger Pleistocene alluvial sediments. Multiple earth-moving construction activities may require multiple archaeological monitors. The frequency of monitoring shall be based on the rate of excavation and grading activities, proximity to known archaeological resources, the materials being excavated (native versus artificial fill soils), and the depth of excavation, and if found, the abundance and type of archaeological resources encountered. Full-time monitoring can be reduced to part-time inspections if determined adequate by the project archaeologist.</p>			
No. 5.	<p>The archaeological monitor, under the direction of a qualified professional archaeologist who meets the U.S. Secretary of the Interior's Professional Qualifications and Standards, shall prepare a final report at the conclusion of archaeological monitoring. The report shall be submitted to the City, the South Central Costal Information Center and representatives of other appropriate or concerned agencies to signify the satisfactory completion of the project and required mitigation measures. The report shall include a description of resources unearthed, if any, evaluation of</p>	<p>Upon completion of construction.</p>	<p>City of Mission Viejo Community Development Department</p>	<hr/> <p>Initial</p> <hr/> <p>Date</p>

Mitigation Measure	Mitigation Measure	Monitoring Milestone	Enforcement Agency	Verification of Compliance
	the resources with respect to the California Register and CEQA, and treatment of the resources.			