

## MITIGATION MONITORING AND REPORTING PROGRAM

This Mitigation and Monitoring Reporting Program (MMRP) has been formulated based upon the findings of the Initial Study/Mitigated Negative Declaration (IS/MND) prepared for the proposed Martinez Waterfront Park Improvements Project (proposed project). The purpose of the MMRP is to ensure the implementation of mitigation measures identified as part of the environmental review for the project. The MMRP includes the following information:

- A list of mitigation measures;
- The party responsible for implementing the mitigation measure;
- The timing for implementation of the mitigation measure;
- The agency/city department responsible for monitoring the implementation; and
- The monitoring action and frequency.

The City of Martinez must adopt this MMRP, or an equally effective program, if it approves the Martinez Waterfront Park Improvements Project with the mitigation measures that were adopted or made conditions of project approval.

**Table 1: Mitigation Monitoring and Reporting Program**

Mitigation Measures	Implementation Actions	Monitoring/ Reporting Responsibility	Timing Requirements	Verification By/Date
<b>I. AESTHETICS</b>				
<p><b>Mitigation Measure AES-1:</b> Fixtures shall be equipped with special internal optical reflectors and external visors to effectively control trespass light. The proposed field lights shall be provided with automatic time switch controls to turn OFF the lights at a pre-set time. The controls shall provide only for manually switching ON the lights.</p>	<ul style="list-style-type: none"> <li>• Include measure as Condition of Approval.</li> <li>• Implementation actions are outline in the mitigation measure.</li> </ul>	<ul style="list-style-type: none"> <li>• The City of Martinez Planning Division is responsible for incorporating measure into contract specifications and for ensuring compliance during construction.</li> <li>• The Project Contractor is responsible for implementing this measure.</li> </ul>	<p>During construction activities.</p>	
<p><b>Mitigation Measure AES-2:</b> Field testing of the system performance shall be conducted using a standard handheld illumination meter to ensure that the maximum spill light on residences at the identified hillside streets remains at or below 0.2 fc. As needed, luminaires shall be re-aimed or adjusted during initial nighttime testing of the field lights. Lights shall be tested and adjusted on an annual basis for the first three years following installation and whenever light fixtures are replaced.</p>	<ul style="list-style-type: none"> <li>• Include measure as Condition of Approval.</li> <li>• Implementation actions are outline in the mitigation measure.</li> </ul>	<ul style="list-style-type: none"> <li>• The City of Martinez Planning Division is responsible for incorporating measure into contract specifications and for ensuring compliance during construction.</li> <li>• The Project Contractor is responsible for implementing this</li> </ul>	<p>During construction activities.</p>	

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		measure.		
<b>II. AGRICULTURAL RESOURCES</b>				
<i>There are no significant impacts related to agricultural resources.</i>				
<b>III. AIR QUALITY</b>				
<p><b>Mitigation Measure AIR-1:</b> Consistent with the Best Management Practices required by the BAAQMD and to reduce construction-related ROG emissions, the following actions shall be incorporated into construction contracts and specifications for the project:</p> <ul style="list-style-type: none"> <li>• All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.</li> <li>• All haul trucks transporting soil, sand, or other loose material off-site shall be covered.</li> <li>• All visible mud or dirt tracked-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.</li> <li>• All vehicle speeds on unpaved roads shall be limited to 15 mph.</li> <li>• All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible.</li> <li>• Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.</li> <li>• Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction</li> </ul>	<ul style="list-style-type: none"> <li>• Include measure as Condition of Approval.</li> <li>• Implementation actions are outline in the mitigation measure.</li> </ul>	<ul style="list-style-type: none"> <li>• The City of Martinez Planning Division is responsible for incorporating measure into contract specifications and for ensuring compliance during construction.</li> <li>• The Project Contractor is responsible for implementing this measure.</li> </ul>	<p>During construction activities.</p>	

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<p>workers at all access points.</p> <ul style="list-style-type: none"> <li>All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.</li> <li>A publicly visible sign shall be posted with the telephone number and contact information for the designated on-site construction manager available to receive and respond to dust complaints. This person shall report all complaints to the City of Martinez and take immediate corrective action as soon as practical but not more than 48 hours after the complaint is received. The BAAQMD's phone number shall also be visible to ensure compliance with applicable regulations.</li> <li>The project contractor shall use low volatile organic compound (i.e., ROG) coatings beyond the local requirements (i.e., Regulation 8, Rule 3: Architectural Coatings).</li> <li>All construction equipment, diesel trucks, and generators shall be equipped with Best Available Control Technology for emission reductions of NO<sub>x</sub> and PM.</li> <li>All contractors shall use equipment that meets California ARB's most recent certification standard for off-road heavy duty diesel engines.</li> </ul>				
<b>IV. BIOLOGICAL RESOURCES</b>				
<p><b>Mitigation Measure BIO-1:</b> A qualified biologist shall conduct a nesting survey of all trees scheduled for removal within the nesting season (generally recognized by the</p>	<ul style="list-style-type: none"> <li>Include measure as Condition of Approval.</li> </ul>	<ul style="list-style-type: none"> <li>The City of Martinez is responsible for incorporating</li> </ul>	<p>Conduct survey prior to initiation of tree removal, if tree removal is to occur</p>	

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<p>California Department of Fish and Wildlife as falling between February 15 and September 15) prior to tree removal. If active nests are located within trees scheduled for removal, tree felling or pruning will be postponed until the young have fledged and are capable of flight or until felling has been approved by the California Department of Fish and Wildlife.</p>	<ul style="list-style-type: none"> <li>Incorporate measure as part of construction specifications.</li> </ul>	<p>measure into contract specifications, for ensuring compliance during construction, and hiring a qualified biologist to conduct surveys.</p> <ul style="list-style-type: none"> <li>A qualified biologist is responsible for conducting nest surveys for trees scheduled for removal during the nesting season.</li> </ul>	<p>during the nesting season (February 15 to September 15).</p>	
<p><b>Mitigation Measure BIO-2:</b> Any tree of greater than 6 inches diameter at breast height whose canopy overhangs the drainage ditch limits will be considered riparian, regardless of species or condition. The ditch limits are defined as the top-of-bank on each side of the ditch. The City will re-plant all removed riparian trees with native oak, bay, willow, poplar, elder or sycamore at a 1:1 ratio. All re-planted riparian trees will be placed within 20 feet of top of bank of the ditch.</p>	<ul style="list-style-type: none"> <li>Include measure as Condition of Approval.</li> <li>Implementation actions are outline in the mitigation measure.</li> </ul>	<ul style="list-style-type: none"> <li>The City of Martinez is responsible for incorporating measure into contract specifications, and for ensuring compliance following construction.</li> <li>The Project Contractor is responsible for implementing this measure.</li> </ul>	<p>Immediately after the completion of construction activities.</p>	
<p><b>Mitigation Measure BIO-3:</b> A qualified biologist will mark the top of bank in the vicinity of the path re-surfacing. This</p>	<ul style="list-style-type: none"> <li>Include measure as Condition of</li> </ul>	<ul style="list-style-type: none"> <li>The City of Martinez is responsible for</li> </ul>	<p>Prior to and during construction activities.</p>	

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<p>limit will be delimited with silt fabric fencing. The fencing will be intended to both prevent construction related contaminants from entering the ditch and to provide a visual reminder to contractors of the prohibition from encroaching in regulated waters.</p>	<p>Approval.</p> <ul style="list-style-type: none"> <li>Incorporate measure as part of construction specifications.</li> </ul>	<p>incorporating measure into contract specifications, for ensuring compliance during construction, and hiring a qualified biologist.</p> <ul style="list-style-type: none"> <li>A qualified biologist is responsible for establishing silt fabric fencing.</li> <li>The Project Contractor is responsible for implementing this measure.</li> </ul>		
<p><b>V. CULTURAL RESOURCES</b></p>				
<p><b>Mitigation Measure CULT-1:</b> During excavation of the light foundations, a qualified archaeologist shall monitor project ground-disturbing activities to identify potential impacts to intact archaeological deposits. The monitor shall be empowered to halt excavation at the location of a discovery to review possible archaeological material and to protect the resource while the finds are being evaluated. Monitoring shall continue until, in the archaeologist's judgment, cultural resources are not likely to be encountered. Should archaeological deposits be identified during monitoring, the archaeological monitor shall, in consultation with the City, evaluate the deposits for their eligibility for listing in the California Register of Historical Resources. If the deposits are not eligible, mitigation is not necessary. If the deposits are eligible, adverse effects on</p>	<ul style="list-style-type: none"> <li>Include measure as Condition of Approval.</li> <li>Incorporate measure as part of construction specifications.</li> </ul>	<ul style="list-style-type: none"> <li>The City of Martinez is responsible for incorporating measure into contract specifications, for ensuring compliance during construction, and hiring a professional archaeologist to conduct monitoring during excavation of the light</li> </ul>	<ul style="list-style-type: none"> <li>Prior to and during construction activities.</li> </ul>	

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<p>the deposits shall be mitigated. Mitigation may include excavation of the archaeological deposit in accordance with a data recovery plan (see <i>CEQA Guidelines</i> Section 15126.4(b)(3)(C)) and standard archaeological field methods and procedures; laboratory and technical analyses of recovered archaeological materials; preparation of a report detailing the methods, findings, and significance of the archaeological site and associated materials; and accessioning of archaeological materials and a technical data recovery report at a curation facility.</p> <p>Upon completion of the assessment, the archaeologist shall prepare a report to document the methods and results of the assessment. The report shall be submitted to the City and the Northwest Information Center at Sonoma State University upon completion of the resource assessment.</p>		<p>foundations.</p> <ul style="list-style-type: none"> <li>A professional archaeologist is responsible for conducting monitoring during excavation of the light foundations, evaluating any resources found inadvertently during construction; and identifying appropriate mitigation measures.</li> <li>The Project Contractor is responsible for coordinating and cooperating with the archaeological monitor and any stop-work orders if resources are discovered.</li> </ul>		
<p><b>Mitigation Measure CULT-2:</b> If archaeological materials are encountered during project activities that <i>are not</i> archaeologically monitored, all work within 25 feet of the discovery shall be redirected until the archaeologist assesses the finds, consults with the City, and makes recommendations for the treatment of the discovery. If avoidance of the archaeological deposit is not feasible, the</p>	<ul style="list-style-type: none"> <li>Include measure as Condition of Approval.</li> <li>Incorporate measure as part of construction</li> </ul>	<ul style="list-style-type: none"> <li>The City of Martinez is responsible for incorporating measure into contract specifications, for ensuring compliance</li> </ul>	<p>During construction activities.</p>	

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<p>archaeological deposits shall be evaluated for their eligibility for listing in the California Register of Historical Resources. If the deposits are not eligible, mitigation is not necessary. If the deposits are eligible, adverse effects on the deposits shall be mitigated. Mitigation may include excavation of the archaeological deposit in accordance with a data recovery plan (see <i>CEQA Guidelines</i> Section 15126.4(b)(3)(C)) and standard archaeological field methods and procedures; laboratory and technical analyses of recovered archaeological materials; preparation of a report detailing the methods, findings, and significance of the archaeological site and associated materials; and accessioning of archaeological materials and a technical data recovery report at a curation facility.</p> <p>Upon completion of the assessment, the archaeologist shall prepare a report to document the methods and results of the assessment. The report shall be submitted to the City, and the Northwest Information Center at Sonoma State University upon completion of the resource assessment.</p>	<p>specifications.</p>	<p>during construction, and hiring a professional archaeologist to conduct monitoring during excavation of the light foundations.</p> <ul style="list-style-type: none"> <li>• A professional archaeologist is responsible for conducting monitoring during excavation of the light foundations, evaluating any resources found inadvertently during construction; and identifying appropriate mitigation measures.</li> <li>• The Project Contractor is responsible for coordinating and cooperating with the archaeological monitor and any stop-work orders if resources are discovered.</li> </ul>		

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<p><b>Mitigation Measure CULT-3:</b> Any human remains encountered during project ground-disturbing activities shall be treated in accordance with California Health and Safety Code Section 7050.5. The City shall inform its contractor(s) of the sensitivity of the project sites for human remains by including the following directive in contract documents:</p> <p>“If human remains are uncovered, work within 25 feet of the discovery shall be redirected and the County Coroner notified immediately. At the same time, an archaeologist shall be contacted (if one is not already on site) to assess the situation and consult with agencies as appropriate. Project personnel shall not collect or move any human remains or associated materials. If the human remains are of Native American origin, the Coroner must notify the Native American Heritage Commission within 24 hours of this identification. The Native American Heritage Commission will identify a Native American Most Likely Descendant to inspect the site and provide recommendations for the proper treatment of the remains and associated grave goods.”</p>	<ul style="list-style-type: none"> <li>• Include measure as Condition of Approval.</li> <li>• Incorporate measure as part of construction specifications.</li> </ul>	<ul style="list-style-type: none"> <li>• The City of Martinez is responsible for incorporating measure into contract specifications, hiring a professional archaeologist (if discoveries are made), and for ensuring compliance during construction.</li> <li>• A professional archaeologist is responsible for assessing the situation, and preparing the report.</li> <li>• The Project Contractor is responsible for coordinating and cooperating with the County Coroner and professional archaeologist and for any stop-work orders if human remains are discovered.</li> </ul>	<p>During construction activities.</p>	
<p><b>VI. GEOLOGY AND SOILS</b></p>				
<p><i>There are no significant impacts related to geology and soils.</i></p>				

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<b>VII. GREENHOUSE GAS EMISSIONS</b>				
<i>There are no significant impacts related to greenhouse gas emissions.</i>				
<b>VIII. HAZARDS</b>				
<i>There are no significant impacts related to hazards.</i>				
<b>IX. HYDROLOGY AND WATER QUALITY</b>				
<p><b>Mitigation Measure HYD-1a:</b> As a condition of approval for construction permits, the applicant shall demonstrate compliance with the Construction General Permit and City requirements, including the preparation and implementation of a SWPPP to address stormwater runoff during project construction.</p>	<ul style="list-style-type: none"> <li>• Include measure as Condition of Approval.</li> <li>• Incorporate measure as part of construction specifications.</li> </ul>	<ul style="list-style-type: none"> <li>• The City of Martinez is responsible for incorporating measure into contract specifications, and for ensuring compliance.</li> <li>• The Project Contractor is responsible for implementing the SWPPP.</li> </ul>	Prior to and during construction activities.	
<p><b>Mitigation Measure HYD-1b:</b> As a condition of approval for construction permits, the project applicant shall demonstrate compliance with City stormwater requirements including Provision C.3 of the MRP. The project applicant shall prepare and implement a SCP for the project in compliance with guidance in the CCCCWP Stormwater C3 Guidebook. The SCP shall be submitted to the City for review and approval prior to the issuance of any permits for project construction. At a minimum, the SCP for the project shall include:</p> <ul style="list-style-type: none"> <li>• LID design details incorporated into the project as feasible. Specific LID design may include, but is not limited to: using pervious pavements and green roofs, dispersing runoff to landscaped areas, and/or routing</li> </ul>	<ul style="list-style-type: none"> <li>• Include measure as Condition of Approval.</li> <li>• Incorporate measure as part of construction specifications.</li> </ul>	<ul style="list-style-type: none"> <li>• The City of Martinez is responsible for incorporating measure into contract specifications, and for ensuring compliance.</li> <li>• The Project Contractor is responsible for implementing the SCP.</li> </ul>	Prior to and during construction activities.	

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<p>runoff to rain gardens, cisterns, swales, and other small-scale facilities distributed throughout the site.</p> <ul style="list-style-type: none"> <li>• A calculation of current and future drainage at the site demonstrating that proposed stormwater design details will meet C.3 stormwater retention and treatment criteria.</li> <li>• Measures to address potential stormwater contaminants. These may include BMPs to cover or control potential sources of stormwater pollutants at the project site such as those generated by leakage of oil and other fluids from parked vehicles in the parking areas or from landscaping and maintenance chemicals used on the buildings and playing fields.</li> <li>• A Stormwater Facility Operation and Maintenance Plan for the project site, which will include periodic inspection and maintenance of the storm drainage system. Persons responsible for performing and funding the requirements of this plan must be identified.</li> </ul>				
<b>X. LAND USE AND PLANNING</b>				
<i>There are no significant impacts related to land use and planning.</i>				
<b>XI. MINERAL RESOURCES</b>				
<i>There are no significant impacts related to mineral resources.</i>				
<b>XII. NOISE</b>				
<i>There are no significant impacts related to noise.</i>				
<b>XIII. POPULATION AND HOUSING</b>				
<i>There are no significant impacts related to population and housing.</i>				
<b>XIV. PUBLIC SERVICES</b>				
<i>There are no significant impacts related to public services.</i>				
<b>XV. RECREATION</b>				
<i>There are no significant impacts related to recreation.</i>				
<b>XVI. TRANSPORTATION/TRAFFIC</b>				

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<i>There are no significant impacts related to transportation/traffic.</i>				
<b>XVII. UTILITIES AND SERVICE SYSTEMS</b>				
<i>There are no significant impacts related to utilities and service systems.</i>				