

**ORANGE MEMORIAL PARK AQUATIC CENTER PROJECT (November 2023)
MITIGATION MONITORING AND REPORTING PROGRAM**

This Mitigation Monitoring and Reporting Program (MMRP) has been prepared for the Orange Memorial Park Aquatic Center Project pursuant to CEQA Guidelines (California Code of Regulations, Title 14), which state:

Section 15097. Mitigation Monitoring and Reporting

(a)... In order to ensure that the mitigation measures and project revisions identified in the EIR or negative declaration are implemented, the public agency shall adopt a program for monitoring or reporting on the revisions which it has required in the project and the measures it has imposed to mitigate or avoid significant environmental effects. A public agency may delegate reporting or monitoring responsibilities to another public agency or to a private entity which accepts the delegation; however, until mitigation measures have been completed the lead agency remains responsible for ensuring that implementation of the mitigation measures occurs in accordance with the program.

(c) The public agency may choose whether its program will monitor mitigation, report on mitigation, or both. "Reporting" generally consists of a written compliance review that is presented to the decision-making body or authorized staff person. A report may be required at various stages during project implementation or upon completion of the mitigation measures. "Monitoring" is generally an ongoing or periodic process of project oversight. There is often no clear distinction between monitoring and reporting and the program best suited to ensuring compliance in any given instance will usually involve elements of both. The choice of program may be guided by the following:



(1) Reporting is suited to projects which have readily measurable or quantitative mitigation measures or which already involve regular review. For example, a report may be required upon issuance of final occupancy to a project whose mitigation measures were confirmed by building inspection.





(2) Monitoring is suited to projects with complex mitigation measures, such as wetlands restoration or archeological protection, which may exceed the expertise of the local agency to oversee, are expected to be implemented over a period of time, or require careful implementation to assure compliance.


(3) Reporting and monitoring are suited to all but the most simple projects. Monitoring ensures that project compliance is checked on a regular basis during and, if necessary after, implementation. Reporting ensures that the approving agency is informed of compliance with mitigation requirements.





The MMRP table below lists the proposed mitigation measures identified in the Orange Memorial Park Aquatic Center Project Initial Study/Mitigated Negative Declaration (IS/MND). The table also describes the timing for mitigation measure implementation (e.g., when the measure shall be implemented) and the parties—such as the Construction Contractor and/or City of South San Francisco and/or City Representative—that are responsible for ensuring implementation of all aspects of each measure.



Additionally, the MMRP table below provides comments that highlight measure contents and responsibilities.



| Orange Memorial Park Aquatic Center Project Initial Study / Mitigated Negative Declaration (IS/MND) | | | | | |
|--|--|--|---|--------------------------------|-----------------|
| Mitigation Monitoring and Reporting Program (Final November_2023) | | | | | |
| Color Codes | | | | | |
| Measure Implemented Prior to Construction or Pending Approval | | | | | |
| Measure Implemented During Construction | | | | | |
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| Biological Resources | | | | | |
| BIO-1   | Minimize impacts to stormwater drainages and Colma Creek: a. All spoils, such as dirt, excavated material, debris, and construction-related materials, generated during project activities shall be placed where they cannot enter any drainage ditch or culvert inlet. Spoils shall be covered or secured to prevent sediment from escaping. Once the spoil pile is no longer active, it shall be removed from the work area and disposed of lawfully at an appropriate facility. b. All exposed soils in the work area resulting from project activities shall be stabilized immediately following the completion of work to prevent erosion. Erosion and sediment control BMPs, such as silt fences, straw hay bales, gravel or rock-lined drainages, water check bars, and broadcast straw, can be used. BMPs shall be made of certified weed-free materials. Straw wattles, if used, shall be made of biodegradable fabric (e.g., burlap) and free of monofilament netting. At no time shall silt-laden runoff be allowed to enter any drainages or other sensitive areas. c. All fueling and maintenance of vehicles and other equipment and staging areas shall occur at least 100 feet from any drainages and other water features. Prior to the onset of work, the construction contractor shall prepare a plan to be approved by the City before construction begins to allow a prompt and effective response to any accidental spills. All workers shall be informed of the importance of preventing spills, and of the appropriate measures to take should a spill occur. d. Before completion of the project, all exposed or disturbed surfaces shall be permanently protected from erosion with reseeded and landscaping. e. All exposed surfaces shall be wetted periodically to prevent significant dust. f. All stockpiled soil shall be covered during periods of rain. | Colma Creek shall be protected from project-generated spoils. Ensure that all exposed soils associated with the project are stabilized immediately following construction completion. Appropriate BMPs shall be deployed prior to and during construction to prevent erosion and/or runoff into potentially jurisdictional drainages. Ensure fueling and maintenance of vehicles and other equipment and staging areas do not occur within 100 feet of drainages, and that such drainages are not contaminated during refueling, maintenance, or staging of materials. Prior to beginning project work, the Contractor shall develop a Spill Response Plan to ensure prompt and effective response to accidental spills. The plan must be submitted to the City of South San Francisco before construction commences, and must be kept onsite at all times during construction. Adequate spill clean-up supplies must be kept on site and at-the-ready during construction. The plan will be included in the environmental awareness training. Reduce potential for dust by wetting exposed surfaces periodically. Reduce potential for sediment loss by covering stockpiled soils during periods of rain. Once the project is complete, ensure that all exposed and/or disturbed surfaces are protected from soil erosion with reseeded and landscaping. | General Contractor / City of South San Francisco and/or City Representative | Prior to / during construction | |



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| BIO-2   | Minimize impacts to nesting birds, as required by the Federal Migratory Bird Treaty Act: a. If project activities, including, but not limited to, tree removal or pruning, grubbing and grading, are conducted during nesting bird season (February 15 to September 15), preconstruction nest surveys shall be conducted in and near the project (within 500 feet for large raptors and 300 feet for all other birds) by a qualified biologist within 7 days of the start of construction. If nesting birds are identified during the preconstruction survey, then the project shall be modified (i.e., a no-work exclusion buffer of appropriate size [to be determined by the qualified project biologist] shall be erected around active nests) and/or delayed as necessary to avoid impacts to the identified nests, eggs, and/or young. Disturbing active nests must be avoided until young birds have fledged. | Project activities, including grubbing and grading, should be conducted outside of nesting bird season (February 15 through September 15). If work outside of nesting bird season is not feasible, then ensure a qualified biologist conducts preconstruction nesting bird surveys prior to commencing work. If nesting birds or raptors are observed on site, ensure an appropriately-sized no-work buffer is established around the nest and/or the project is modified and/or delayed as necessary in coordination with the project biologist. | Construction Contractor / City of South San Francisco and/or City Representative | Prior to / during construction | |
| Cultural Resources | | | | | |
| CUL-1   | Avoid impacts to unknown cultural resources: a. In the event that unanticipated cultural resources are exposed during disturbance activities, work within 15 meters (50 feet) of the find must stop and an SOI-qualified archaeologist (SWCA Senior Project Manager Christina Alonso [925-399-9220]) must be notified immediately. Work may not resume until a qualified archaeologist can evaluate the significance of the find. Disturbance activities may continue in other areas. If the discovery proves significant, additional work such as archaeological testing, data recovery, or consultation with stakeholders may be warranted. | Prior to commencing work, ensure that construction personnel are trained and informed of how to identify and avoid historical and archaeological resources in the event that they are exposed during construction. Such training may be included in the environmental awareness training prepared for the project per TCR-1. If archaeological or historical resources are discovered during construction, the Contractor shall ensure that work is immediately stopped in the vicinity of the find, and the City of South San Francisco is immediately notified. Discovered resources must be left in place as they were found: do not touch, collect, or otherwise disturb found resources. Work shall not resume in the vicinity of any discovered resources until the resources are fully evaluated by the archaeologist, and the City of South San Francisco approves the continuation of work in the vicinity of the find. | Construction Contractor / City of South San Francisco and/or City Representative | Prior to / During construction | |

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| | | Ensure any additional cultural work such as testing or data recovery is implemented as required. | | | |
| <p>CUL-2</p>  | <p>Avoid impacts to unknown human remains:</p> <p>The discovery of human remains during the course of the project is a possibility. If human remains are encountered, then the procedures outlined by the NAHC, in accordance with Section 7050.5 of the California Health and Safety Code and PRC Section 5097.98, would be followed. If the monitor determines that a discovery includes human remains:</p> <ol style="list-style-type: none"> All ground-disturbing work within the immediate vicinity (25 feet) of the find would halt. The archaeologist would contact the San Mateo County Coroner: <p>San Mateo County Coroner 50 Tower Road San Mateo, CA 94402 Phone: (650) 312-5562 Web: https://www.smcgov.org/coroner</p> As a courtesy, the County Coroner would also notify the NAHC: <p>Native American Heritage Commission 915 Capitol Mall, Room 364 Sacramento, CA 95814 Phone: (916) 373-3710 Email: nahc@nahc.ca.gov</p> <p>The County Coroner would have 2 working days to examine the remains after being notified in accordance with California Health and Safety Code Section 7050.5. If the San Mateo County Coroner determines that the remains are Native American and are not subject to the County Coroner's authority, the County Coroner has 24 hours to notify the NAHC of the discovery.</p> The NAHC would immediately designate and notify the Native American Most Likely Descendant (MLD), who will have 48 hours after being granted access to the location of the remains to inspect them and provide recommendations for the treatment of them. | <p>If human remains are discovered during construction, the Monitor and/or Contractor shall ensure that work is immediately stopped in within 25 feet of the find, and the San Mateo County Coroner and City of South San Francisco is immediately notified. Discovered human remains must be left in place as they were found: do not touch, collect, or otherwise disturb found resources.</p> <p>Work shall not resume in the vicinity of any discovered remains until the remains are fully evaluated by the Coroner, and the City of South San Francisco approves the continuation of work in the vicinity of the find.</p> <p>The Coroner shall notify the Native American Heritage Commission if the remains are determined to be Native American.</p> <p>Ensure any additional treatment, as recommended by the Native American Most Likely Descendant (MLD), is implemented as required.</p> | Construction Contractor / City of South San Francisco and/or City Representative | During construction | |

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| Geology and Soils | | | | | |
| GEO-1   | Avoid and/or reduce impacts from unstable soils: a. All earthwork and construction activities shall be monitored by a licensed engineer or professional geologist. The purpose of the monitoring is to assess soil conditions and confirm the appropriate engineered support systems are incorporated into the project design and installed correctly. Implementation of Mitigation Measure GEO-1, in addition to the requirements of the geotechnical report, would reduce impacts related to seismic hazards to less than significant. | Review and confirm the appropriate engineered support systems are incorporated into the project design. Ensure a licensed engineer or professional geologist is onsite during all earthwork and construction activities. The licensed engineer or professional geologist shall confirm that appropriate engineered support systems are installed correctly. | Construction Contractor / City of South San Francisco and/or City Representative | Prior to / During construction | |
| Hazards and Hazardous Materials | | | | | |
| HAZ-1   | Develop and Implement a Demolition Debris Management and Disposal Plan: The County or its Contractor must develop and implement a demolition debris management and disposal plan for the non-Resource Conservation and Recovery Act hazardous materials that are to be removed from the project site per compliance with County waste diversion requirements in San Mateo County Code of Ordinances, Section 4.105.030 (100 percent of inert solids and at least 50 percent of the remaining construction and demolition debris tonnage). The plan must be designed to prevent releases of hazardous materials in quantities that could pose a risk to human health and the environment, as determined using appropriate BAAQMD, RWQCB, DTSC, and/or other appropriate agency screening thresholds. | Develop a Demolition Debris Management and Disposal Plan prior to construction. Implement plan during construction. Ensure 100 percent of inert solids and at least 50 percent of the remaining construction and demolition debris tonnage are diverted from landfills. | Construction Contractor / City of South San Francisco and/or City Representative | Prior to / During construction | |

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| <p>HAZ-2</p>   | <p>The construction contractor (as required by the contract specifications) shall develop a Hazardous Materials Contingency Plan (HMCP) that includes standard construction measures required by federal, state, and local policies for the handling of potential hazardous materials and removal of on-site debris. The HMCP shall include the implementation of a Waste Management Plan (WMP) for the management of all construction waste, and a Safety Management Plan (SMP) to minimize construction worker's exposure to dust emissions and emissions that have the potential to contain hazardous concentrations of arsenic. At a minimum, this plan shall include the following:</p> <ul style="list-style-type: none"> a. Soils on the project site should be tested for arsenic and organochlorine pesticides prior to grading and excavation. b. If contaminated soils or other hazardous materials are encountered during any soil moving operation during construction, the HMCP shall be implemented. c. Instruct workers on recognition and reporting of materials that may be hazardous. d. Minimize delays by continuing performance of the work in areas not affected by hazardous materials operations. e. Identify and contact subcontractors and licensed personnel qualified to undertake storage, removal, transportation, disposal, and other remedial work required by, and in accordance with, laws and regulations. f. Forward to engineer, copies of reports, permits, receipts, and other documentation related to remedial work. g. Notify such agencies as are required to be notified by laws and regulations within the time stipulated by such laws and regulations. h. File requests for adjustments to contract time and contract price due to the finding of hazardous materials in the work site in accordance with conditions of contract. | <p>Prior to construction, develop a Hazardous Materials Contingency Plan (HMCP), Waste Management Plan, and Safety Management Plan.</p> <p>Test soils for arsenic and organochlorine pesticides prior to grading and excavation.</p> <p>Instruct workers on how to recognize and report materials that may be hazardous</p> <p>Implement Hazardous Materials Contingency Plan if contaminated soils or other hazardous materials are encountered.</p> <p>Confirm subcontractors are licensed to perform storage, removal, transportation, disposal, and other remedial work.</p> <p>Confirm proper documentation and agency notification of any hazardous materials.</p> | <p>Construction Contractor / City of South San Francisco and/or City Representative</p> | <p>Prior to / During Construction</p> | |
| Noise | | | | | |

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| <p>NOI-1</p>   | <p>Reduce Construction Noise Impacts:</p> <ul style="list-style-type: none"> a. Secure a valid City permit for construction noise levels that could potentially temporarily exceed 90 dB at the park’s property line in order to comply with the South San Francisco Noise Regulations. b. Construction equipment and haul trucks shall use the best available noise control techniques, including improved mufflers, use of intake silencers, ducts, engine enclosures and acoustically attenuating barriers, curtains, and shields. c. Site stationary noise sources, such as air compressors and generators, as far from adjacent sensitive receptors as possible. These sources shall be muffled and enclosed within temporary sheds or incorporate insulation barriers, shields, or other attenuating measures. d. If impact equipment and machinery are used such as jack hammers, pavement breakers, and rock drills, they shall be hydraulically or electrically powered to avoid noise associated with air compressors or pneumatically powered tools. If the use of pneumatically powered tools is necessary, an exhaust muffler shall be installed on the air compressor. Such a muffler can lower noise levels from the exhaust by up to 10 dBA. Similarly, the installation of external jackets on the tools can reduce noise levels by 5 dBA. e. Material stockpiles and mobile equipment, staging, and parking areas shall be located as far as possible from noise sensitive receptors (i.e. adjacent tot lot and summer camps in the Ferneke Building. f. Identify a liaison that represents the property owners located adjacent to the project site along Tennis Drive. This liaison shall be contacted with concerns regarding construction noise. The liaison’s contact information shall be clearly displayed at the construction location on posted signs informing the public of the construction hours and the liaison to contact in the event of a noise-related problem. g. Notify all adjacent landowners and occupants of the properties adjacent to the project site of the anticipated construction schedule at least 2 weeks prior to ground-disturbing activities. h. Hold a pre-construction meeting with the Contractor Superintendent, General Contractor, and City inspectors to confirm that all noise mitigation measures (including signage on construction hours, valid City exception permit, and liaison contact information) are completed. | <p>Contractor Superintendent, General Contractor, and City inspectors must attend a preconstruction meeting to confirm that all noise mitigation measures (including signage on construction hours, valid City exception permit, and liaison contact information) are completed</p> <p>Confirm valid City permit for construction noise levels.</p> <p>Keep City permit onsite at all times.</p> <p>Confirm that all equipment uses best available noise control techniques.</p> <p>Confirm stationary noise sources are as far as possible from sensitive receptors.</p> <p>Use only hydraulically or electrically powered impact equipment and machinery.</p> <p>Locate material stockpiles, mobile equipment, staging and parking areas as far as possible from noise-sensitive receptors.</p> <p>Identify liaison to contact in case of noise-related issues, and clearly post contact information and construction hours at construction site.</p> <p>Notify adjacent landowners 2 weeks prior to ground disturbing activities.</p> | <p>Construction Contractor / City of South San Francisco and/or City Representative</p> | <p>Prior to / During construction</p> | |
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| <p>TCR-1</p>   | <p>Avoid impacts to unknown Tribal Cultural Resources: The following measures shall be implemented prior to project implementation and in the event that unanticipated prehistoric cultural resources or TCRs are exposed during project construction:</p> <p>a. All construction staff must receive worker environment awareness training (WEAP) that identifies the identification and proper treatment of tribal cultural resources. In the event that unanticipated prehistoric cultural resources are exposed during disturbance activities, work within 15 meters (50 feet) of the find (Find Site) must stop and the California Native American Heritage Commission must be contacted to identify a local Native American tribal member to provide monitoring inspection of any further construction work at the Find Site. Work may not resume at the Find Site until a tribal member is present to provide monitoring inspection</p> | <p>Prior to the start of the project, all construction crew members shall attend an environmental awareness training presented by a qualified archeologist. A training brochure describing the identification and proper treatment of tribal cultural resources, key contacts, and potential consequences of impacts to cultural resources shall be distributed to the crew members during the training. Trainees shall sign an environmental training attendance sheet. A fact sheet conveying this information shall be prepared for distribution to the construction crew and anyone else who enters the project site.</p> <p>If unanticipated prehistoric cultural resources are exposed during construction, STOP WORK within 15 meters (50 feet) of the find and call the California Native American Heritage Commission. Work in other areas may continue.</p> <p>A Native American monitor will be identified. Do not resume work until a local Native American tribal monitor is present onsite.</p> | <p>Construction Contractor / City of South San Francisco and/or City Representative</p> | <p>Prior to / During construction</p> | |