

EXHIBIT A

Mitigation Monitoring and Reporting Program

San Mateo County Flood Control District

Colma Creek Flood Control Channel Wall Repair Project

Introduction

This is the Mitigation Monitoring and Reporting Program (MMRP) for the San Mateo County Flood Control District's Colma Creek Flood Control Channel Wall Repair Project (Project). California Public Resources Code Section 21081.6 and the California Environmental Quality Act (CEQA) Guidelines Section 15097 require public agencies to adopt a program for monitoring and reporting on the measures required to mitigate or avoid significant environmental effects potentially resulting from implementation of the proposed Project. When a public agency makes its findings pursuant to CEQA, the MMRP must be adopted so that mitigation requirements can be made conditions of project approval. Consistent with these requirements, this MMRP ensures compliance with mitigation requirements that are set forth in the Mitigated Negative Declaration (MND).

The Colma Creek Flood Control Channel Wall Repair Project MMRP contains mitigation measures that address potential impacts associated with construction of the new channel wall and creek bottom. They are intended to provide detailed guidance on the schedule and responsible parties for implementing and monitoring mitigation measures. The directives in the MMRP table (below) do not attempt to specify the detailed procedures to be used to verify implementation (e.g., interactions between County departments, use of private consultants, sign-off on plans, certification by the County, and site inspections). Specific monitoring procedures such as these will be included in the Project approval and construction documents and developed prior to implementation of the mitigation measures.

Colma Creek Flood Control Channel Wall Repair Project – MITIGATION MONITORING AND REPORTING PROGRAM

Impact No.	Impact Summary	Mitigation Measure	Responsible Agency	Timeframe	Monitoring and Reporting Actions
BIOLOGICAL RESOURCES					
BIO-1	Impacts to nesting of migratory birds	<p><u>Mitigation Measure BIO-1: Impacts to Migratory Birds</u></p> <p>If construction is to occur within the nesting season for migratory birds (typically March-August), a preconstruction survey shall be performed to determine if active migratory bird nests are present within 300 feet of the construction work area (within 500 feet for raptors). The survey shall be performed by a biologist with experience conducting breeding bird surveys. If an active nest is located, construction within 300 feet of the nest (500 feet for raptor nests) will be postponed until the nest is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting.</p>	San Mateo County Flood Control District	Prior to construction	<ol style="list-style-type: none"> 1) Allocate funds to hire a qualified environmental monitor or retain in-house qualified biologist. 2) Search for and hire a representative for the environmental monitor role or assign in-house staff. 3) Ensure environmental monitor carries out assigned duties as outlined in the Mitigation Measure.
BIO-2	Impacts from loss of wetlands	<p><u>Mitigation Measure BIO-2: Impacts to Wetlands</u></p> <p>To reduce the impact of the loss of wetlands in the project area, a mitigation plan will be devised and implemented in accordance with the requirements of the U.S. Army Corps of Engineers Section 404 Nationwide Permit.</p>	San Mateo County Flood Control District	Prior to and during construction	<ol style="list-style-type: none"> 1) Ensure that a requirement consistent with permit conditions, if any, for personnel to attend training is included in contract documents. 2) Ensure that all personnel attend permit-required worker awareness training, if any, prior to beginning work and sign training sign-in sheet. 3) Monitor to ensure that the contractor implements measures in contract documents, report noncompliance and ensure corrective action.

Impact No.	Impact Summary	Mitigation Measure	Responsible Agency	Timeframe	Monitoring and Reporting Actions
CULTURAL RESOURCES					
CUL-1	Potential accidental discovery of archaeological resources during excavation activities	<p><u>Mitigation Measure CUL-1: Unexpected Discovery of Cultural Resources.</u></p> <p>This measure shall be implemented to reduce potential impacts on historical, archeological, and paleontological resources that are unknown but potentially discoverable at the time of ground disturbance. Prior to the initiation of construction or ground-disturbing activities, all field personnel shall be alerted to the possibility of buried prehistoric or historic cultural resources. Personnel should be instructed that upon discovery of buried cultural materials, work in the immediate vicinity of the find should cease and a qualified archeologist should be contacted immediately. Once the find has been identified, plans for the treatment, evaluation, and mitigation of impacts to the find shall be developed if it is found to be eligible for listing on the National Register of Historic Places or the California Register of Historical Resources. Prehistoric or historic cultural materials that may be encountered during ground-disturbing include the following:</p> <ul style="list-style-type: none"> • historic artifacts, such as glass bottles and fragments, tin cans, nails, ceramic and pottery shreds, and other metal objects; • historic structural or building foundations, walkways, cisterns, pipes, and other structural elements; • prehistoric flaked-stone artifacts and debitage, consisting of obsidian, basalt, and/or cryptocrystalline silicate stone (CCS); • ground stone artifacts, such as mortars, pestles, and grinding slabs; • dark, almost black soil, with a “greasy” texture that may be associated with charcoal, ash, bone, shell, flaked stone, ground stone, and fire affected rock; and, • human remains. 	San Mateo County Flood Control District	Prior to and during construction	<ol style="list-style-type: none"> 1) Ensure that measures related to archeological discoveries are included in contract documents. 2) Ensure that all personnel attend environmental training prior to beginning work and sign the training sign-in sheet. Ensure that a copy of the signed attendance sheet with all employees' signatures is sent to the County. Maintain file for documentation. Monitor to ensure that the contractor implements measures in contract documents, report noncompliance and ensure corrective action. 3) Ensure that all potential discoveries are reported as required and that the contractor suspends work in the vicinity. Mobilize an archaeologist to the area if the certified archeologist determines that an archaeological resource may be present. 4) Prepare and submit Final Archaeological Resources Report as required

Impact No.	Impact Summary	Mitigation Measure	Responsible Agency	Timeframe	Monitoring and Reporting Actions
CULTURAL RESOURCES (cont)					
CUL-2	Potential accidental discovery of human remains or funerary objects	<p><u>Mitigation Measure CUL-2: Unexpected Discovery of Human Remains</u></p> <p>This measure would be implemented to reduce potential impacts on human remains that are unknown but could be discovered at the time of ground disturbance. If human remains are encountered during ground disturbance activities, work in that area must halt and the San Mateo County Coroner must be notified immediately. If the remains are determined to be Native American, then the Native American Heritage Commission (NAHC) is to be notified within 24 hours as required by Public Resources Code 5097. The NAHC will contact the designated Most Likely Descendant who will provide recommendations for the treatment of the remains within 48 hours of being granted access to the find.</p>	San Mateo County Flood Control District	During construction	<ol style="list-style-type: none"> 1) Ensure that measures related to discoveries of human remains and funerary objects are included in contract documents. 2) Ensure that all potential discoveries are reported as required and that the contractor suspends work in the vicinity. Mobilize an archaeologist to the area if the certified archeologist determines that an archaeological resource may be present.

Impact No.	Impact Summary	Mitigation Measure	Responsible Agency	Timeframe	Monitoring and Reporting Actions
HAZARDS AND HAZARDOUS MATERIALS					
HAZ-1	Risk of contact with hazardous materials during construction	<p><u>Mitigation Measure HAZ-1: Implementation of Hazardous Materials Contingency Plan (HMCP)</u></p> <p>The construction contractor (as required by the contract specifications) shall develop a HMCP to include standard construction measures required by federal, state, and local policies for hazardous materials, removal of on-site debris, and confirmation of presence of pipelines on-site. At a minimum, this plan would include the following:</p> <ul style="list-style-type: none"> a) If contaminated soils or other hazardous materials are encountered during any soil moving operation during construction (e.g., trenching, excavation, grading), construction shall be halted and the HMCP implemented. b) Instruct workers on recognition and reporting of materials that may be hazardous. c) Minimize delays by continuing performance of the work in areas not affected by hazardous materials operations. d) 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. e) Forward to engineer, copies of reports, permits, receipts, and other documentation related to remedial work. f) Notify such agencies as are required to be notified by laws and regulations within the time stipulated by such laws and regulations. <p>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>	San Mateo County Flood Control District	Prior to and during construction	<ul style="list-style-type: none"> 1) Include requirement in contract documents for contractor to prepare and submit a hazardous materials contingency plan. 2) Ensure that contractor submits a HMCP and review the plan to ensure that it complies with requirements. 3) Monitor to ensure that the contractor implements measures in the HMCP and contract documents, report noncompliance, and ensure corrective action.

Impact No.	Impact Summary	Mitigation Measure	Responsible Agency	Timeframe	Monitoring and Reporting Actions
TRANSPORTATION/TRAFFIC					
TRAN-1		<p><u>Mitigation Measure TRAN-1: Implementation of Traffic Control Plan</u></p> <p>A traffic control plan will be established by the contractor, and approved by the City of South San Francisco and San Mateo County. This traffic plan will provide for the appropriate control measures, including barricades, warning signs, speed control devices, flaggers, and other measures to mitigate potential traffic hazards. The plan would also ensure coordination with emergency response providers to provide sufficient emergency response access for the surrounding area. The City of South San Francisco may require a detour route as the east-bound lane of North Canal Street will be closed for the staging area. If this detour route is necessary, it will be devised by the contractor as part of the traffic control plan.</p>	San Mateo County Flood Control District	Prior to and during construction	<ol style="list-style-type: none"> 1) Include requirement in contract documents for contractor to prepare and submit a traffic control plan. 2) Ensure that contractor submits a traffic control plan and review the plan to ensure that it complies with requirements. 3) Monitor to ensure that the contractor implements measures in the traffic control plan and contract documents, report noncompliance, and ensure corrective action.

Acronyms: MMRP – Mitigation, Monitoring, and Reporting Program; CEQA – California Environmental Quality Act; MND – Mitigated Negative Declaration; CCS – cryptocrystalline silicate stone; NAHC – Native American Heritage Commission; HMCP – Hazardous Materials Contingency Plan.