

PESCADERO COMMUNITY SEWER PROJECT

MITIGATED NEGATIVE DECLARATION (SCH 2009042022)

MITIGATION MONITORING AND REPORTING PROGRAM

Introduction

This Mitigation Monitoring and Reporting Program (MMRP) has been prepared pursuant to Section 21081.6 of the California Public Resources Code. A MMRP is required for the Proposed Project because the Mitigated Negative Declaration (MND) has identified potential adverse effects that will be reduced to less-than-significant levels through the implementation of mitigation measures.

The numbering of the individual mitigation measures follows the numbering sequence as found in the MND.

Mitigation Monitoring and Reporting Program

The MMRP, as outlined in the following table, describes mitigation timing, monitoring responsibilities, and compliance verification responsibility for all mitigation measures identified in the MND.

The County of San Mateo (County) will be the primary agency responsible for ensuring that required mitigation measures are implemented during construction. The County may choose to require the project contractor to implement specific mitigation measures prior to and/or during construction. In some cases, the County or other public agency may implement measures.

The MMRP is presented in tabular form on the following pages. The components of the MMRP are described briefly below:

- **Mitigation Measures:** The mitigation measures are taken verbatim from the MND, in the same order that they appear in the MND.
- **Mitigation Timing and Implementation:** Identifies at which stage of the project mitigation must be completed and how it will be implemented.
- **Monitoring and Enforcement Responsibility:** Identifies the agency or department within the County responsible for mitigation monitoring and enforcement.
- **Verification:** Identifies the initials of the responsible agency's representative and the date the representative verified implementation of the specific mitigation measure.

**TABLE 1
MITIGATION MONITORING AND REPORTING PROGRAM**

Proposed Mitigation	Summary of Measure	Enforcement and Monitoring Responsibility	Timing/ Implementation	Verification (Date and Initials)
Air Quality				
Mitigation Measure AQ-1	<p>The following best management practices would be specified on construction plans and implemented during construction to reduce construction-related emissions:</p> <ul style="list-style-type: none"> ▪ Water all active construction areas at least twice daily. ▪ Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard. ▪ Pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas and staging areas at construction sites. ▪ Sweep daily (with water sweepers) all paved access roads, parking areas and staging areas at construction sites. ▪ Sweep streets daily (with water sweepers) if visible soil material is carried onto adjacent public streets. 	County and project contractor.	During construction activities.	
Biological Resources				
Mitigation Measure BR-1	<p>a. A CRLF sensitivity training program shall be established to educate construction personnel about the potential presence of this species within construction areas. This program will be designed to educate construction personnel about the precautionary measures required for the construction of the Proposed Project and will outline necessary safety protocols for working in the vicinity of CRLF habitat. The program will also address the issues of minimizing dust and construction debris from entering aquatic habitats and the importance of not harming or removing the existing riparian vegetation. In addition, the program will emphasize the importance of the required BMPs associated with the Proposed Project and the importance of maintaining existing water quality standards. The program will outline a specific plan of action to be followed in the event of an unexpected accident or emergency relating to construction activities associated with the CRLF habitats within the study area. Prior to the onset of construction activities in the vicinity of habitat for this species, all construction personnel that will be working in these areas shall attend the CRLF sensitivity training session.</p>	County and United State Fish and Wildlife Service.	Immediately prior to and during construction activities.	

	<p>b. A qualified biologist shall conduct a pre-construction CRLF survey 14 days prior to the onset of construction activities within all suitable CRLF habitats within the study area. If no CRLF are detected, construction activities may commence. If CRLF are observed during the pre-construction survey, the USFWS shall be notified immediately. Any and all construction activities shall not commence until the CRLF is no longer present at the specific site.</p> <p>c. A qualified biologist shall be present during construction activities within the vicinity of CRLF habitats. If CRLF are observed within the study area during construction activities, construction activities shall be suspended and USFWS shall be contacted immediately. Construction shall not commence until the CRLF is no longer present at the specific site.</p> <p>d. All construction activities adjacent to CRLF habitat shall be conducted during the dry season, concurrently with the non-breeding season (approximately May through October). This will ensure that water quality is maintained and sedimentation issues are avoided to the maximum extent feasible. The construction time period shall be as short as possible for each specific crossing or site.</p>			
Mitigation Measure BR-2	<p>a. If construction activities are scheduled to begin during the nesting season (March through September), a qualified biologist shall conduct a pre-construction bird survey for salt marsh common yellowthroat and other migratory bird nests within 500 feet of any proposed construction activity. The pre-construction bird surveys shall occur no more than 14 days prior to the scheduled onset of construction activities. If construction is delayed or halted for more than 14 days, another pre-construction bird survey for salt marsh common yellowthroat and migratory bird nests shall be conducted. If no nesting birds are detected during the pre-construction survey(s), no further mitigation or surveys are required.</p>	County and California Department of Fish and Game.	Immediately prior to construction.	
	<p>b. If active salt marsh common yellowthroat nests are identified within 500 feet of the construction areas during the surveys, CDFG shall be contacted. Through consultation with CDFG, an appropriate course of action, acceptable setbacks to mitigate both physical and noise-associated disturbances, and a suitable monitoring plan shall be determined. Avoidance setbacks shall be established around all active nest locations via stakes and high visibility fencing. The</p>			

	<p>setbacks shall be completely avoided during the duration of construction activities and the fencing shall remain in-tact. The fencing may be removed when a qualified biologist confirms that the nest(s) is no longer occupied and all fledglings have left.</p> <p>c. If migratory bird species (i.e., non-special-status) are observed within 500 feet of the construction areas during the surveys, appropriate avoidance setbacks shall be established by a qualified biologist to mitigate both physical and noise-associated disturbances. The size and scale of nesting bird avoidance setbacks is dependent upon the species of nesting bird observed and the habitat that the nest occurs in. Avoidance setbacks shall be established around all active nest locations via stakes and high visibility fencing. The fencing may be removed when a qualified biologist confirms that the nest(s) is no longer occupied and all fledglings have left.</p>			
Mitigation Measure BR-3	<p>a. A qualified wildlife biologist shall conduct pre-construction surveys for pallid bat in the vicinity of the two bridges and around the vicinity of existing buildings and structures within the project site no more than 14 days prior to commencement of construction activities. If no pallid bats or evidence of pallid bats are observed during these surveys, no additional mitigation is required.</p> <p>b. Should pallid bat or active roosts be detected beneath the bridges or within the vicinity of the structures during the pre-construction survey, CDFG shall be contacted to determine the appropriate course of action. This may include, but is not limited to the installation of exclusionary netting (e.g., mist netting) around occupied habitats while the bats are away from their roosts. The netted habitats shall be monitored frequently at appropriate times to assure that all the bats have left the roosts and that no bats return for the duration of construction activities. When construction activities are completed, the exclusionary netting shall be removed.</p>	County and California Department of Fish and Game.	Immediately prior to construction.	
Mitigation Measure BR-4	<p>a. The Proposed Project shall avoid impacts to the mixed riparian habitat. Setbacks of not less than 25 feet shall be established around the mixed riparian habitat during construction. Avoidance setbacks shall be established by a qualified biologist with stakes and silt fencing prior to the onset of construction activities. The fencing may be removed when construction activities are complete. No trees will be removed by the Proposed Project.</p> <p>b. Appropriate BMPs shall be employed to further reduce the potential for impacts to</p>	County and project contractor.	Immediately prior to and during construction activities.	

	<p>mixed riparian habitat associated with sedimentation and/or pollutants.</p> <p>c. All construction activities within the vicinity of mixed riparian habitat shall be conducted during the dry season (March through October). This will ensure that water quality is maintained and sedimentation issues are avoided to the maximum extent feasible. The construction time at each site near a riparian area shall be as short as possible.</p>			
Mitigation Measure BR-5	<p>a. The Proposed Project shall completely avoid the perennial drainages adjacent to the site during construction. Setbacks of not less than 25 feet shall be established around the perennial drainages. Avoidance setbacks shall be established by a qualified biologist with stakes and silt fencing prior to the onset of construction activities. The fencing may be removed when construction activities are complete.</p> <p>b. Appropriate BMPs shall be employed to further reduce the potential for impacts to the perennial drainages associated with sedimentation and/or pollutants.</p> <p>c. All construction activities within the vicinity of the perennial drainages shall be conducted during the dry season (March through October). This will ensure that water quality is maintained and sedimentation issues are avoided to the maximum extent feasible.</p>	County and project contractor.	Immediately prior to and during construction activities.	
Cultural Resources				
Mitigation Measure CR-1	In the event of the unanticipated discovery of buried or concealed historical resources or fossilized remains, project activities shall cease in the area of the find, and a qualified archaeologist/paleontologist shall be consulted to determine the extent and significance of the resource and to develop any necessary mitigation measures. If human remains are inadvertently discovered, work shall cease immediately and the San Mateo County Coroner shall be notified in accordance with California law. A professional archaeologist or paleontologist, as appropriate, shall subsequently be consulted to assist in the development of appropriate treatment.	County, San Mateo County Coroner, and Native American Heritage Commission.	During construction activities.	
Geology and Soils				
Mitigation Measure GS-1	The components of the Proposed Project would be constructed in accordance with the provisions of the CBC. Division VI, Chapter 16 of the CBC outlines the seismic requirements for new construction. The WWTP building shall be a pre-engineered metal building to meet the seismic requirements for Site Class C under the CBC.	County and project contractor.	During facility design/facility construction activities.	
Mitigation Measure GS-2	Erosion control measures shall be required prior to and throughout the rainy season. Erosion and water quality control measures identified in the SWPPP could include	County, project contractor and	Immediately prior to and	

	<p>but not be limited to the following:</p> <ol style="list-style-type: none"> 1. Temporary erosion control measures (such as silt fences, staked straw bales, and temporary revegetation) shall be employed for disturbed areas. No disturbed surfaces will be left without erosion control measures in place during the winter and spring months. 2. Sediment shall be retained on-site by a system of sediment basins, traps, or other appropriate measures. 3. A spill prevention and countermeasure plan shall be developed that will identify proper storage, collection, and disposal measures for potential pollutants (such as fuel, fertilizers, pesticides, etc.) used on-site. The plan will also require the proper storage, handling, use, and disposal of petroleum products. 4. Construction activities shall be scheduled to minimize land disturbance during peak runoff periods and to the immediate area required for construction. Soil conservation practices shall be completed during the fall or late winter to reduce erosion during spring runoff. Existing vegetation will be retained where possible. To the extent feasible, grading activities shall be limited to the immediate area required for construction. 5. Surface water runoff shall be controlled by directing flowing water away from critical areas and by reducing runoff velocity. Diversion structures such as terraces, dikes, and ditches shall collect and direct runoff water around vulnerable areas to prepared drainage outlets. Surface roughening, berms, check dams, hay bales, or similar devices shall be used to reduce runoff velocity and erosion. 6. Sediment shall be contained when conditions are too extreme for treatment by surface protection. Temporary sediment traps, filter fabric fences, inlet protectors, vegetative filters and buffers, or settling basins shall be used to detain runoff water long enough for sediment particles to settle out. Store, cover, and isolate construction materials, including topsoil and chemicals, to prevent runoff losses and contamination of groundwater. 7. Topsoil removed during construction shall be carefully stored and treated as an important resource. Berms shall be placed around topsoil stockpiles to prevent runoff during storm events. All removed topsoil shall be reused during construction to the extent feasible. For the pipelines, soils would be used to 	SFBRWQCB.	during construction activities.	
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	<p>backfill the installation of the waste collection and treated waste disposal pipelines. For the wastewater treatment plant, excavated soils would be used to level the building pad. Unused topsoil, if any, shall be broadly redistributed to the surrounding ruderal/developed areas in such a manner that topography and vegetation cover would not be adversely impacted.</p> <p>8. Establish fuel and vehicle maintenance areas away from all drainage courses and design these areas to control runoff.</p> <p>9. Disturbed areas will be re-vegetated after completion of construction activities.</p> <p>10. All necessary permits and approvals shall be obtained.</p> <p>11. Provide sanitary facilities for construction workers.</p>			
Hazards and Hazardous Materials				
Mitigation Measure HM-1	To reduce the potential for accidental releases, fuel, oil, and hydraulic fluids shall be transferred directly from a service truck to construction equipment tanks and shall not otherwise be stored on site.	County and project contractor.	During construction activities.	
Mitigation Measure HM-2	<p>Personnel shall follow written Standard Operating Procedures (SOPs) for filling and servicing construction equipment and vehicles. The SOPs, which are designed to reduce the potential for incidents involving the hazardous materials, shall include the following:</p> <ul style="list-style-type: none"> a) Refueling shall be conducted only with approved pumps, hoses, and nozzles; b) Catch pans shall be placed under equipment to catch potential spills during servicing; c) All disconnected hoses shall be placed in containers to collect residual fuel from the hose; d) Vehicle engines shall be shut down during refueling; e) No smoking, open flames, or welding shall be allowed in refueling or service areas; f) Refueling shall be performed away from bodies of water to prevent contamination of water in the event of a leak or spill; g) Service trucks shall be provided with fire extinguishers and spill containment equipment, such as absorbents; h) Should a spill contaminate soil, the soil shall be put into containers and disposed of in accordance with local, State, and Federal regulations; i) All containers used to store hazardous materials shall be inspected at least once 	County and project contractor.	During construction activities.	

	<p>per week for signs of leaking or failure. All maintenance and refueling areas shall be inspected monthly. Results of inspections shall be recorded in a logbook that would be maintained on site; and</p> <p>j) The amount of hazardous materials used in project construction and operation shall be consistently kept at the lowest volumes needed.</p>			
Mitigation Measure HM-3	If suspected soil contamination is encountered during excavation and grading activities, all work shall be halted and a qualified individual, in consultation with the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB), shall determine the appropriate course of action.	County, project contractor, and SFBRWQCB.	During construction activities.	
Mitigation Measure HM-4	During construction, staging areas, welding areas, or areas slated for development using spark-producing equipment shall be cleared of dried vegetation or other materials that could serve as fire fuel. To the extent feasible, the contractor shall keep these areas clear of combustible materials in order to maintain a firebreak.	County and project contractor.	During construction activities.	
Mitigation Measure HM-5	Any construction equipment that normally includes a spark arrester shall be equipped with an arrester in good working order. This includes, but is not limited to, vehicles, heavy equipment, and chainsaws.	County and project contractor.	During construction activities.	
Hydrology and Water Quality				
Mitigation Measure HYD-1	Implement Mitigation Measure GS-2.	County, project contractor and SFBRWQCB.	Immediately prior to and during construction activities.	
Noise				
Mitigation Measure N-1	Engine-powered construction equipment shall be fitted with adequate mufflers and enclosures as supplied by the manufacturer, and shall be maintained in good condition.	County and project contractor.	During construction activities.	
Mitigation Measure N-2	All powered equipment will comply with applicable local, State, and Federal regulations, and all such equipment shall be fitted with adequate mufflers according to the manufacturer's specifications to minimize construction noise effects.	County and project contractor.	During construction activities.	
Mitigation Measure N-3	Construction activities shall only occur between the hours of 7:00 am and 6:00 pm.	County and project contractor.	During construction activities.	

3.15 Transportation				
Mitigation Measure TT-1	The County shall notify public transportation providers, including affected school districts, at least one month prior to commencement of construction to minimize construction-related traffic delays along Pescadero Creek Road, Stage Road, and North Road. The dates and times of bus routes shall be identified, and construction-related truck trips along affected roads will be minimized or avoided during these times to the greatest extent feasible.	County and project contractor.	Prior to project construction activities.	
Mitigation Measure TT-2	Emergency service providers such as the San Mateo County Sheriff's Department, the San Mateo County Fire Department, California Highway Patrol will be notified at least one month prior to commencement of construction. Emergency service providers shall be notified of the timing, location, and duration of construction activities. All roads shall remain passable to emergency service providers at all times.	County.	Prior to project construction activities.	
Mitigation Measure TT-3	The County shall notify all potentially impacted private residents located along Pescadero Creek Road, Stage Road, North Road, and Goulson Way at least one month prior to commencement of construction. The written notification shall include the construction schedule and a telephone number for receiving questions and complaints. Access to private residents shall be maintained at all times.	County and project contractor.	Prior to and during project construction activities.	
Mitigation Measure TT-4	Construction traffic shall comply with the California Vehicle Code (CVC) sections related to vehicle weight and width.	County, project contractor, California Highway Patrol.	During construction activities	