MITIGATION MONITORING/ REPORTING PROGRAM

FOR THE

SANTA NELLA/VOLTA WATER SUPPLY AND BLENDING PROJECT

In the communities of Santa Nella and Volta
Merced County, CA

June 8, 2017

Prepared for:

Santa Nella County Water District
12931 S Hwy 33
Santa Nella, CA 95322

MITIGATION MONITORING/ REPORTING PROGRAM FOR THE SANTA NELLA / VOLTA WATER SUPPLY AND BLENDING PROJECT

1.0 INTRODUCTION

Santa Nella County Water District (SNCWD) is considering approval of the Santa Nella/Volta Water Supply and Blending Project. In a separate document, SNCWD has prepared an Initial Study/Mitigated Negative Declaration (IS/MND) that identifies the potential environmental effects of the project. This document is the Mitigation Monitoring/Reporting Program (MMRP) for the project, which will be adopted in conjunction with the IS/MND. The primary source document for the MMRP is the IS/MND.

1.1 THE PROJECT

The project involves construction of a new source water supply well adjacent to the community of Volta. Water from the new well would be transported west to proposed storage and blending facilities in Santa Nella and east to the existing Volta water distribution system. Water conveyance would be in eight-inch PVC pipelines to be placed in trenches within undeveloped County road right-of-way along Henry Miller Avenue. The project would include the construction of two 750,000-gallon storage and blending tanks and new booster pump facilities on the site of the SNCWD offices in Santa Nella.

1.2 CEQA REQUIREMENTS REGARDING MITIGATION MONITORING AND REPORTING

To ensure that mitigation measures included in an IS/MND are implemented, CEQA requires the adoption of a mitigation monitoring or reporting program (CEQA Guidelines Section 15074). The Guidelines require that the lead agency:

> " . . . adopt a program for reporting on or monitoring the changes which it has either required in the project or made a condition of approval to mitigate or avoid significant environmental effects."

These requirements are met by the Mitigation Monitoring/ Reporting Program table for the project shown in Section 2.0 of this document. The table lists all of the potentially significant environmental effects of the project that were identified in the IS/MND, identifies all of the mitigation measures that address these effects, and identifies the entities that would be responsible for implementing and monitoring implementation of the mitigation measures.

2.0 MITIGATION MONITORING/REPORTING PLAN

The following table summarizes the significant environmental effects that could result from approval of the project based on the analysis contained in the IS/MND. The table identifies 1) each significant effect, or in many cases issue areas where no significant effect would occur, 2) how each significant effect would be mitigated, 3) the responsibility for implementation of mitigation measures, and 4) the responsibility for monitoring of mitigation measures. The table follows the same sequence as the impact analysis in the IS/MND.

IMPACT/MITIGATION MEASURES	IMPLEMENTATION RESPONSIBILITY AND TIMING/SCHEDULE	MONITORING/REPORTING RESPONSIBILITY AND TIMING	SOURCE INFORMATION
3.1 AESTHETICS			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			
3.2 AGRICULTURE RESOURCES			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			
3.3 AIR QUALITY			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			
3.4 BIOLOGICAL RESOURCES			
Potential Impacts on Special-Status Species.			
BIO-1: Pre-construction surveys for nesting Swainson's hawks within 0.5 miles of the project site are recommended if construction commences between March 1 and September 15. If active nests are found, a qualified biologist should determine the need (if any) for temporal restrictions on construction. The determination should be pursuant to criteria set forth by CDFW (CDFG, 1994).	SNCWD will include this requirement in project plans and specifications, to be implemented by the project contractor.	SNCWD's Project Engineer or Construction Manager will be responsible for ensuring that this requirement is implemented by the contractor.	IS/MND, Section 3.4
BIO-2: Pre-construction surveys for burrowing owls within 250 feet of the site are recommended if construction commences between February 1 and August 31. If occupied burrows are found, a qualified biologist should determine the need (if any) for temporal restrictions on construction. The determination should be pursuant to criteria set forth by CDFW (CDFG, 2012).	SNCWD will include this requirement in project plans and specifications, to be implemented by the project contractor.	SNCWD's Project Engineer or Construction Manager will be responsible for ensuring that this requirement is implemented by the contractor.	IS/MND, Section 3.4
Potential Impacts on Fish and Wildlife Movement			
BIO-3: On-site trees, shrubs, and grasslands could be used by birds protected by the Migratory Bird Treaty Act of 1918 and/or Fish and Game Code of California. If construction commences during the general avian nesting season (March 1 through July 31), a pre-construction survey for nesting birds is recommended. If active nests are found, work in the vicinity of the nest should be delayed until the young fledge.	SNCWD will include this requirement in project plans and specifications, to be implemented by the project contractor.	SNCWD's Project Engineer or Construction Manager will be responsible for ensuring that this requirement is implemented by the contractor.	IS/MND, Section 3.4
3.5 CULTURAL RESOURCES			
Potential Impacts on Historical and Archaeological Resources.			
CULT-1: If any subsurface cultural or paleontological resources are encountered during construction of the project, all construction activities in the vicinity of the encounter shall be halted until a qualified archaeologist, or paleontologist as appropriate, can examine these materials, make a determination of their significance and, if significant, recommend further mitigation measures that would reduce potential effects to a less than significant; such measures could include 1) preservation in place or 2)	SNCWD will include this requirement in project plans and specifications, to be implemented by the project contractor.	SNCWD's Project Engineer or Construction Manager will be responsible for ensuring that this requirement is implemented by the contractor.	IS/MND, Section 3.5

IMPACT/MITIGATION MEASURES	IMPLEMENTATION RESPONSIBILITY AND TIMING/SCHEDULE	MONITORING/REPORTING RESPONSIBILITY AND TIMING	SOURCE INFORMATION
excavation, recovery and curation by qualified professionals. The SNCWD shall be responsible for retaining qualified professionals, implementing recommended mitigation measures and documenting mitigation efforts, consistent with the requirements of the CEQA Guidelines.			
3.6 GEOLOGY AND SOILS			
Potential impacts on Seismic Hazards.			
GEO-1: A site-specific, design-level soils study shall be completed for the project site during project design. The study shall include an evaluation of liquefaction potential and other geologic hazards in the construction area and identify appropriate means to minimize or avoid damage from such hazards. In addition, the study shall identify the presence of expansive soils in the construction area and recommend design and construction features to reduce the potential impact of these soils on project facilities. Design recommendations included in the study shall be implemented during project design and construction.	SNCWD will complete the required study and include applicable requirements in project plans and specifications, to be implemented by the project contractor.	SNCWD's Project Engineer or Construction Manager will be responsible for ensuring that geotechnical requirements are implemented by the contractor.	IS/MND, Section 3.6
3.7 GREENHOUSE GAS EMISSIONS			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			
3.8 HAZARDS AND HAZARDOUS MATERIALS			
Potential Impacts on Emergency Response and Evacuation.			
HAZ-1. Prior to the start of project construction along roadways, the contractor shall develop and implement a Traffic Control Plan. The Traffic Control Plan shall include such items as traffic control requirements, resident notification of access closure, and daily access restoration. The contractor shall specify dates and times of road closures or restrictions, if any, and shall ensure that adequate access will be provided for emergency vehicles. The Traffic Control Plan shall be reviewed and approved by the County Department of Public Works and shall be coordinated with the Merced County Sheriff's Department and the Merced County Fire District.	SNCWD will include this requirement in project plans and specifications, to be implemented by the project contractor.	SNCWD's Project Engineer or Construction Manager will be responsible for ensuring that this requirement is implemented by the contractor.	IS/MND, Section 3.8
3.9 HYDROLOGY AND WATER QUALITY			
Potential effects on Water Quality.			
HYD-1. Prior to construction, SNCWD or its contractor shall obtain a WDID number from the RWQCB prepare and implement a SWPPP in compliance with the General Permit. The SWPPP shall include best management practices that will be utilized to minimize erosion potential and conveyance of eroded soils off of the project site or into on-site surface water features. Best management practices included in the SWPPP shall be included as contractor work specifications.	SNCWD will include this requirement in project plans and specifications, to be implemented by the project contractor.	SNCWD's Project Engineer or Construction Manager will be responsible for ensuring that this requirement is implemented by the contractor.	IS/MND, Section 3.9

IMPACT/MITIGATION MEASURES	IMPLEMENTATION RESPONSIBILITY AND TIMING/SCHEDULE	MONITORING/REPORTING RESPONSIBILITY AND TIMING	SOURCE INFORMATION
3.10 LAND USE			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			
3.11 MINERAL RESOURCES			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			
3.12 NOISE			
Potential Impacts on Exposure to Noise Exceeding Local Standards.			
NOISE-1: All equipment used on the construction site shall be fitted with mufflers in accordance with manufacturers' specifications. Mufflers shall be installed on the equipment at all times on the construction site. NOISE-2: Proposed pumping equipment shall be selected and installed so that Merced County noise standards for residences and schools are not exceeded.	SNCWD will include this requirement in project plans and specifications, to be implemented by the project contractor.	SNCWD's Project Engineer or Construction Manager will be responsible for ensuring that this requirement is implemented by the contractor.	IS/MND, Section 3.12
NOISE-2: Proposed pumping equipment shall be selected and installed so that Merced County noise standards for residences and schools are not exceeded.	SNCWD will include this requirement in project plans and specifications, to be implemented by the project contractor.	SNCWD's Project Engineer or Construction Manager will be responsible for ensuring that this requirement is implemented by the contractor.	IS/MND, Section 3.12
3.14 PUBLIC SERVICES			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			
3.15 RECREATION			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			
3.16 TRANSPORTATION			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			
3.17 UTILITIES AND SERVICES			
The IS/MND does not identify significant effects or mitigation measures in this issue area.			