

**Summary Form for Electronic Document Submittal****Form F**

Lead agencies may include 15 hardcopies of this document when submitting electronic copies of Environmental Impact Reports, Negative Declarations, Mitigated Negative Declarations, or Notices of Preparation to the State Clearinghouse (SCH). The SCH also accepts other summaries, such as EIR Executive Summaries prepared pursuant to CEQA Guidelines Section 15123. Please include one copy of the Notice of Completion Form (NOC) with your submission and attach the summary to each electronic copy of the document.

SCH #: \_\_\_\_\_

Project Title: North Canal Spreading Works Expansion ProjectLead Agency: Arvin-Edison Water Storage DistrictContact Name: Sam BlueEmail: Sblue@aewsd.org Phone Number: (661) 854-5573Project Location: Arvin, Kern County*City**County*

Project Description (Proposed actions, location, and/or consequences).

See attached Project Description.

Identify the project's significant or potentially significant effects and briefly describe any proposed mitigation measures that would reduce or avoid that effect.

See attached Mitigation, Monitoring, and Reporting Program.

If applicable, describe any of the project's areas of controversy known to the Lead Agency, including issues raised by agencies and the public.

No known areas of controversy.

Provide a list of the responsible or trustee agencies for the project.

Not applicable

## Project Location

The Project site is located in Kern County, California, southeast of the City of Bakersfield, and approximately 1.5-miles north of the City of Arvin. The site is located adjacent to both the existing AEWS North Canal Spreading Works and DiGiorgio Unit Pipeline Projects. The Project site encompasses Assessor's Parcel Numbers (APN) 189-400-01, 189-400-02, 189-400-03, 189-400-04, 189-400-05, 189-400-06, 189-400-07, and 189-400-08, and portions of 189-400-11, 189-390-01, 189-390-02, 189-390-03. which totals approximately 195 acres. The centroid of the Project site is located at 35°14'30.67"N, 118° 50'17.02"W.

## Project Description

The proposed Project would construct up to 160 acres of new groundwater recharge basins and modify 35 acres of existing groundwater recharge basins to meet the goals of the Project. Soils onsite would be excavated to construct basins which would be gravity filled. The excavated material would be used to create berms between basin cells as needed. Currently, the corners on the northwest and southeast side of the Project are "emergency" buffer cells that are normally operated with low water levels, with some available capacity to be used for operational upsets. Berms would be added across the middle, so that the portion upstream of the proposed berm can then be used for spreading works instead of only for emergency spill. The recharge basins would consist of a series of embankments up to six feet high from the existing grade. Basins would be connected by interbasin structures, accessed by new berm dirt roads for operation and maintenance activities, and protected by new perimeter fencing and gates. The proposed Project would connect to the existing gravity pipeline infrastructure along the northern portion of the site and divert available surface water via proposed connections to existing pipeline tees located on the existing AEWS DiGiorgio Unit 48-inch gravity pipeline.

The proposed Project would be located on AEWS property and bounded by AEWS owned property to the north and east. Currently, the Project site is vacant except one existing Ag irrigation well on site that will be operated for by the previous owner for five years and then utilized as a monitoring well , in the NE corner near Thewalt Ave. There are two additional existing recovery wells that are off site to the east and an oil well that was abandoned 10 feet below ground surface recently. The site would be enclosed by perimeter fencing and gates.

On average, the annual recharge benefit is expected to be 5,200 acre-feet per year AFY with an additional benefit of approximately 500 AFY due to the land use change from irrigated agriculture, vineyards and almond orchards, to recharge basins.

# CHAPTER 5 MITIGATION, MONITORING, AND REPORTING PROGRAM

This Mitigation Monitoring and Reporting Program (MMRP) has been formulated based upon the findings of the Initial Study/Mitigated Negative Declaration (IS/MND) for the North Canal Spreading Works Expansion Project within the Arvin Community Service District and Arvin-Edison Water Storage District in Kern County. The MMRP lists mitigation measures recommended in the IS/MND for the Project and identifies monitoring and reporting requirements.

**Table 5-1: Mitigation, Monitoring, and Reporting** Program presents the mitigation measures identified for the Project. Each mitigation measure is numbered with a symbol indicating the topical section to which it pertains, a hyphen, and the impact number. For example, AIR-2 would be the second mitigation measure identified in the Air Quality analysis of the IS/MND.

The first column of **Table 5-1: Mitigation, Monitoring, and Reporting** Program identifies the mitigation measure. The second column, entitled “When Monitoring is to Occur,” identifies the time the mitigation measure should be initiated. The third column, “Frequency of Monitoring,” identifies the frequency of the monitoring of the mitigation measure. The fourth column, “Agency Responsible for Monitoring,” names the party ultimately responsible for ensuring that the mitigation measure is implemented. The last columns will be used by the Lead and Responsible Agencies to ensure that individual mitigation measures have been complied with and monitored.

**Table 5-1: Mitigation, Monitoring, and Reporting Program**

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
<b>Biological Resources</b>						
<b>BIO-1a</b>	<b>(Avoidance):</b> The project’s construction activities will occur, if feasible, between September 1 and January 31 (outside of the nesting bird season) to avoid impacts to nesting birds.					
<b>BIO-1B</b>	<b>(Pre-construction Surveys):</b> If activities must occur within the nesting bird season (February 1 to August 31), a qualified biologist (someone who is familiar with the species in the region) will conduct a pre-construction survey for active nests within ten (10) calendar days prior to the start of construction. The survey will be completed within the APE, and up to 50 feet outside of the APE for nesting migratory birds and up to 500 feet outside of the APE in all accessible areas for nesting raptors. Raptor nests are considered “active” upon the nest-building stage. If no active nests are observed, no further mitigation is required.	Prior to construction if not between September and February	Once	AEWSD		
<b>BIO-1C</b>	<b>(Avoidance Buffers):</b> On discovery of any active nests or breeding colonies near work areas, a qualified biologist will determine appropriate avoidance buffer distances based on applicable CDFW and/or USFWS guidelines, the biology of the species, conditions of the nest(s), and the level of project disturbance. If necessary, avoidance buffers will be identified with flagging, fencing, or other easily visible means, and will be maintained until the biologist has determined that the nestlings have fledged.	Prior to construction	Daily during ground disturbance	AEWSD		
<b>Cultural Resources</b>						
<b>CUL-1</b>	<b>(Archaeological Remains)</b> In the event that archaeological remains are encountered at any time during development or ground-moving activities within the entire project area, all work in the vicinity of the find shall halt until a qualified archaeologist	During Construction and ground disturbing activities	Daily	AEWSD		

Mitigation, Monitoring, and Reporting Program						
Item	Mitigation Measure	When Monitoring is to Occur	Frequency of Monitoring	Agency Responsible for Monitoring	Method to Verify Compliance	Verification of Compliance
	can assess the discovery. The AEWSO shall implement all recommendations of the archaeologist necessary to avoid or reduce to a less than significant level potential impacts to cultural resource. Appropriate actions could include a Data Recovery Plan or preservation in place.					
<b>CUL-2</b>	<b>(Human Remains)</b> In the event human remains are uncovered, or in any other case when human remains are discovered during construction, the Kern County Coroner is to be notified to arrange their proper treatment and disposition. If the remains are identified—on the basis of archaeological context, age, cultural associations, or biological traits—as those of a Native American, California Health and Safety Code 7050.5 and Public Resource Code 5097.98 require that the coroner notify the NAHC within 24 hours of discovery. The NAHC will then identify the Most Likely Descendent who will determine the manner in which the remains are treated.	During Construction and ground disturbing activities	Daily	AEWSO		