

1.10 California Statewide Groundwater Elevation Monitoring (CASGEM) Compliance

All of the projects are located in the Kern County Subbasin (Groundwater Basin Number 5-22.14 per DWR Bulletin 118) of the San Joaquin Valley Groundwater Basin. Under the CASGEM Groundwater Basin Prioritization the Kern County Subbasin has been categorized as a high priority basin due to the reliance of the local population and agricultural economy on groundwater. A regional map showing the project locations and implementing agency boundaries in relation to the Kern County Subbasin is shown in **Figure 1.10-1**. A summary table of CASGEM compliance by proponent is provided in Table 1.10-1. GIS Shapefiles of the project locations and agency boundaries are included as a zip file and listed as **Appendix 1.10-A**. CASGEM compliance by the project proponents is discussed in the following sections.

Table 1.10-1: CASGEM Status for Basin

Project Proponent	CASGEM Monitoring Entity	Groundwater Basin Name	Basin Priority	Project Latitude/ Longitude
BVWSD	BVWSD	Kern County Sub-Basin of the San Joaquin Valley Groundwater Basin (5-22.14)	High	35°33'27" N, 119°37'02" W
KCWA ID4	KCWA ID3			35°22'09" N, 119°03'57" W
AEWSD	AEWSD (conditional)			35°13'19" N, 118°48'40" W
BCWD	BVWSD			35°24'03" N, 119°28'11" W

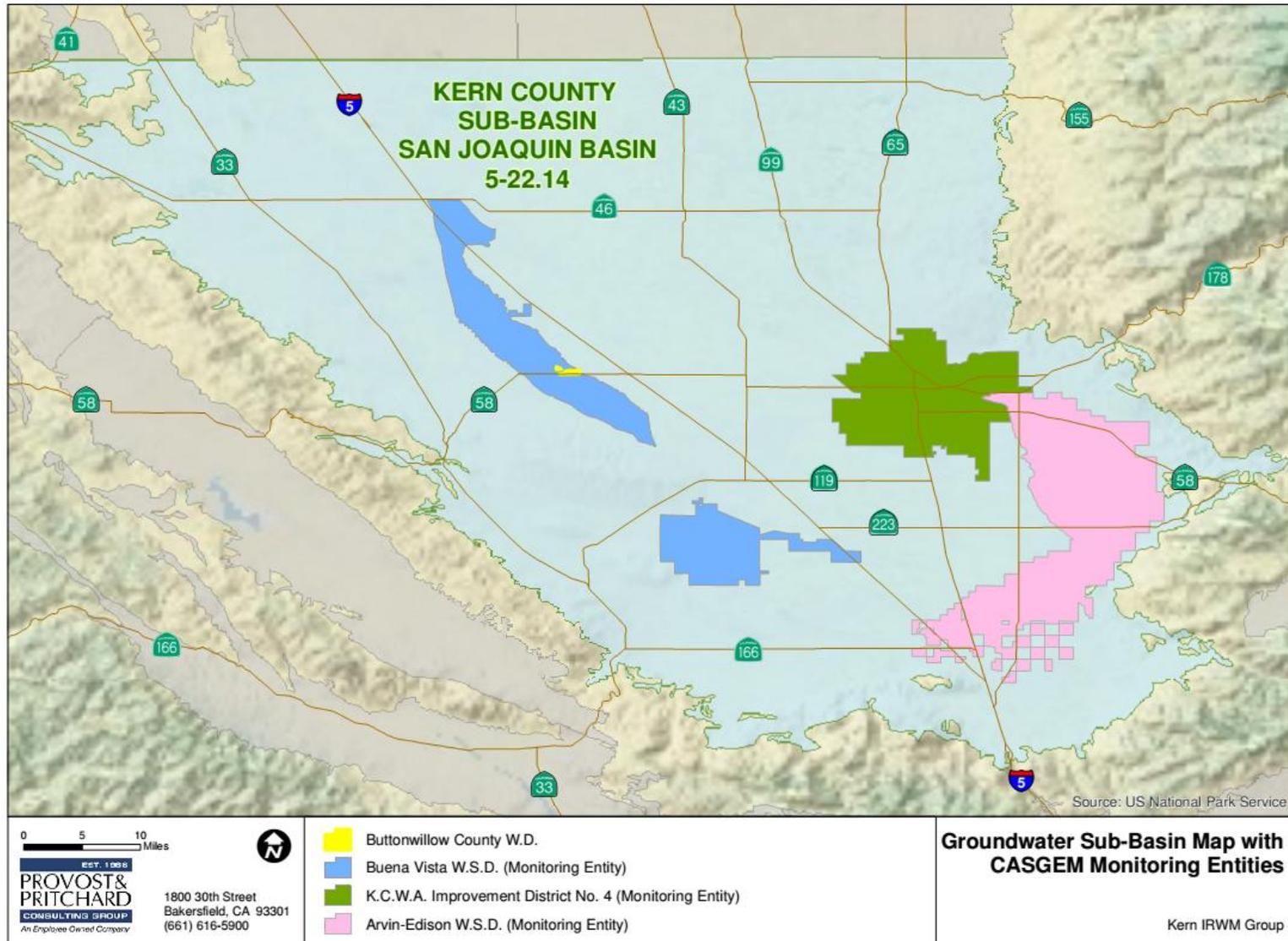


Figure 1.10-1: CASGEM Monitoring Entities for Proponent Project Areas

BVWSD

In December 2011, BVWSD was designated as a CASGEM monitoring entity as part of the Kern River Fan Group. BVWSD uploads groundwater level data into the CASGEM database quarterly.

KCWA ID4

ID4 has met all of the requirements of the CASGEM Program and is listed as a designated monitoring entity for its service area. ID4 uploads groundwater level data into the CASGEM database quarterly.

AEWSD

AEWSD began participating and implementing steps to be in the CASGEM Program during the fall of 2010. AEWSD submitted the District's Administrator and Contributors on December 31, 2010. AEWSD is considered a "Conditional" Monitoring Agency provided all monitoring wells are solely "voluntary" wells. AEWSD is working closely with DWR staff to update its plan and complete the necessary items including obtaining landowner approvals to include their well completion report(s) as with the voluntary wells and therefore become official CASGEM monitoring wells. CASGEM wells must include the well completion reports otherwise they are viewed as voluntary wells. AEWSD submitted updated CASGEM information to DWR and are in the process of obtaining DWR approval for full compliance with the CASGEM program.

BCWD

The entire service area of BCWD is a DAC as described in Attachment 8 and is therefore not required to demonstrate CASGEM compliance. However, BCWD is located within the BVWSD service area and is therefore covered under that monitoring entity for CASGEM compliance.

Appendix 1.10-A

**California Statewide Groundwater Elevation Monitoring (CASGEM)
Compliance Shapefiles (zip file)**