

Groundwater Sustainability Plan Annual Report Elements Guide

Basin Name	Kern County Subbasin (5-022.14)		
GSP Local ID			
California Code of Regulations - GSP Regulation Sections	Groundwater Sustainability Plan Elements	Document page number(s) that address the applicable GSP element.	Notes: Briefly describe the GSP element does not apply.
Article 5	Plan Contents		
Subarticle 4	Monitoring Networks		
§ 354.40	Reporting Monitoring Data to the Department		
	Monitoring data shall be stored in the data management system developed pursuant to Section 352.6. A copy of the monitoring data shall be included in the Annual Report and submitted electronically on forms provided by the Department.	23, 45:47, 109, 123:332	Data were migrated from individual agency databases to a Subbasin-wide DMS in WY2021. Monitoring data have already been uploaded to the DWR MNM in accordance with semi-annual reporting from the Subbasin DMS. Data used for this Annual Report were downloaded from the Subbasin DMS. DWR Water Use forms have been completed, are described in the Annual Report, and are being uploaded in Excel format separately.
	Note: Authority cited: Section 10733.2, Water Code. Reference: Sections 10728, 10728.2, 10733.2 and 10733.8, Water Code.		
Article 7	Annual Reports and Periodic Evaluations by the Agency		
§ 356.2	Annual Reports		
	Each Agency shall submit an annual report to the Department by April 1 of each year following the adoption of the Plan. The annual report shall include the following components for the preceding water year:		
	(a) General information, including an executive summary and a location map depicting the basin covered by the report.	9:15, 105:109	
	(b) A detailed description and graphical representation of the following conditions of the basin managed in the Plan:		
	(1) Groundwater elevation data from monitoring wells identified in the monitoring network shall be analyzed and displayed as follows:		
	(A) Groundwater elevation contour maps for each principal aquifer in the basin illustrating, at a minimum, the seasonal high and seasonal low groundwater conditions.	27:29, 111:116	
	(B) Hydrographs of groundwater elevations and water year type using historical data to the greatest extent available, including from January 1, 2015, to current reporting year.	22:26, 109:110, 123:332	
	(2) Groundwater extraction for the preceding water year. Data shall be collected using the best available measurement methods and shall be presented in a table that summarizes groundwater extractions by water use sector, and identifies the method of measurement (direct or estimate) and accuracy of measurements, and a map that illustrates the general location and volume of groundwater extractions.	30:34, 117, 121	See also DWR Groundwater Extractions and Methods Templates Parts A and B (uploaded separately).
	(3) Surface water supply used or available for use, for groundwater recharge or in-lieu use shall be reported based on quantitative data that describes the annual volume and sources for the preceding water year.	35:37, 118	See also DWR Surface Water Supply Template Part C (uploaded separately).

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	(4) Total water use shall be collected using the best available measurement methods and shall be reported in a table that summarizes total water use by water use sector, water source type, and identifies the method of measurement (direct or estimate) and accuracy of measurements. Existing water use data from the most recent Urban Water Management Plans or Agricultural Water Management Plans within the basin may be used, as long as the data are reported by water year.	38:41, 119	See also DWR Water Use Template Part D (uploaded separately).
	(5) Change in groundwater in storage shall include the following:		
	(A) Change in groundwater in storage maps for each principal aquifer in the basin.	42:44, 122	
	(B) A graph depicting water year type, groundwater use, the annual change in groundwater in storage, and the cumulative change in groundwater in storage for the basin based on historical data to the greatest extent available, including from January 1, 2015, to the current reporting year.	42:44, 120	
	(c) A description of progress towards implementing the Plan, including achieving interim milestones, and implementation of projects or management actions since the previous annual report.	45:102	