Water Right Reporting
(Water Commission Act, 1913; SB X7-8, 2009; SB 88, 2016; SB 155, 2021)

- Annual water right reports must be submitted electronically by all water right holders to the SWRCB by February 1 of each year.
- The annual reports are to include monthly diversion and use quantities for the prior water year (October 1 – September 30).
- The SWRCB may require more frequent reporting requirements during times of water shortage.

Measurement of Diversion and Use
(SB 88, 2016)

- Water right holders who divert or are authorized to divert more than 10 AF per year are required to measure their surface water diversions.
- Measurement options include measurement devices, Measurement Methods, and Alternative Compliance Plans, which are described on the SWRCB’s website (see Resources section for link).
- The measurement equipment must meet certain accuracy standards and data must be recorded at a specified frequency (see Table 1).
- The installation and accuracy of the measurement device must be documented by a Qualified Individual.

Irrigated Lands Regulatory Program
(AB 390, 1999)

- Property owners of irrigated agricultural lands must comply with Waste Discharge Requirements as an individual or through participation in a coalition group.
- The Sacramento Valley Water Quality Coalition and California Rice Commission Coalition assist growers in the Sacramento basin through surface water and groundwater quality monitoring.

Agricultural Aggregated Farm-Gate Delivery Report
(AB 1404, 2007; AB 1668, 2018)

- Agricultural water suppliers delivering 2,000 AF per year or serving 2,000 or more acres must submit an Agricultural Aggregated Farm-Gate Delivery Report.
- The reports must be submitted electronically by April 1 of each year and are to include monthly or bimonthly aggregated farm-gate delivery quantities organized by groundwater basin/sub-basin number.

Table 1. Measurement Thresholds and Requirements

<table>
<thead>
<tr>
<th>Direct Diversion</th>
<th>Storage</th>
<th>Required Accuracy of Device</th>
<th>Required Monitoring Frequency</th>
<th>Telemetry</th>
</tr>
</thead>
<tbody>
<tr>
<td>≥ 1,000 AF/year</td>
<td>≥ 1,000 AF</td>
<td>Installed before 1/1/16: 15% Installed after 1/1/16: 10%</td>
<td>Hourly</td>
<td>Diverter who diverts: &gt; 10,000 AF annually &gt; 30 CFS by direct diversion during Jun. through Sept. 30 &gt; 10,000 AF capacity of pond/reservoir In certain areas (see Measurement Regulation)</td>
</tr>
<tr>
<td>≥ 100 AF/year</td>
<td>≥ 200 AF</td>
<td>Started after 1/1/16: 10%</td>
<td>Daily</td>
<td></td>
</tr>
<tr>
<td>≥ 100 AF</td>
<td>≥ 100 AF</td>
<td>15%</td>
<td>Weekly</td>
<td></td>
</tr>
<tr>
<td>&gt; 10 AF/year</td>
<td>≥ 50 AF</td>
<td>15%</td>
<td>Monthly</td>
<td></td>
</tr>
<tr>
<td>&gt; 10 AF</td>
<td>&gt; 10 AF</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CASGEM Monitoring and Reporting
(SB X7-6, 2009)
- Designated CASGEM Monitoring Entities collect groundwater elevation measurements and report the data online on a semi-annual basis.

Federal Water Management Plans
(PL 102-575, 1992)
- Water supply contract holders must prepare and submit a WMP pursuant to CVPIA requirements – those who receive less than 2,000 AF of water per year for irrigation or irrigate less than 2,000 acres of land are exempt.
- The CVPIA criteria requires implementation of five “non-exemptible” Best Management Practices.
- A guidebook is provided by Reclamation to assist water supply contract holders with preparing a WMP.
- WMPs are to be updated every five years and submitted to Reclamation.

Sustainable Groundwater Management
(AB 1739, SB 1168, and SB 1319, 2014)
- Locally formed Groundwater Sustainability Agencies (GSAs) prepared and adopted a Groundwater Sustainability Plans for each subbasin by January 31, 2022.
- Measuring, monitoring, and management actions will be undertaken thereafter with a report due by April 1 of each year and plan updates every five years.

State Water Management Plans
(SB X7-7, 2009; AB 1668, 2018)
- Agricultural water suppliers providing water to more than 25,000 acres (excluding recycled water deliveries) must prepare and submit an AWMP pursuant to SB X7-7.
- The criteria require implementation of turnout level measurement and volumetric pricing of water deliveries.
- AWMPs are to be updated every five years and submitted electronically to DWR.
- Guidebooks are provided by DWR to assist water suppliers with preparing an AWMP.
- AWMPs must include an annual water budget based on a quantification of all inflow and outflow components of the water suppliers’ service area, as well as an identification of water management objectives based on the budget and a quantification of water use efficiency within the service area based on one of four approved methods.
- AWMPs must include a drought plan that describes the actions of the water supplier related to drought preparedness and management of water supplies and allocations during drought conditions.

Resources
- Water Division and Use Reporting
- Water Measurement Regulations
- Water Use Efficiency/Water Management Plans

For Questions Please Contact:
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