

# COORDINATION AGREEMENTS

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# Groundwater Sustainability Plans

- OPTIONS:
  - ONE GSP and ONE GSA
  - ONE GSP and Multiple GSAs
  - Multiple GSPs and Multiple GSAs (Water Code § 10727.)
- The ETGSA has taken action to develop and implement its own GSP. The Tule Subbasin will be developing multiple GSPs.

# GSP Regulations

- **Interbasin Coordination Agreements** – VOLUNTARY. Agreements between Tule Subbasin and other Subbasins.
- **Intrabasin Coordination Agreements** – MANDATORY if multiple GSPs developed in the Tule Subbasin.

# Coordination Agreements

## Water Code Section 10727.6

Groundwater sustainability agencies intending to develop and implement **multiple groundwater sustainability plans** shall coordinate with other agencies preparing a groundwater sustainability plan within the basin to ensure that the plans utilize the **same data and methodologies** for the **following assumptions** in developing the plan:

- (a) Groundwater elevation data.
- (b) Groundwater extraction data.
- (c) Surface water supply.
- (d) Total water use.
- (e) Change in groundwater storage.
- (f) Water budget.
- (g) Sustainable yield.

# Coordination Agreements Requires GSAs to play by the same rules.



v.



# Groundwater Elevation Data

- Data and Monitoring Protocols
  - Existing monitoring wells
  - New monitoring wells
  - Other?

# Groundwater Extraction Data

- Data and Monitoring Protocols
  - Groundwater Extraction Estimated from Satellite Data
  - Groundwater Extraction Measured Using Flow Meters
  - Other?

# Surface Water Supply

- Data and Monitoring Protocols
  - Surface water supplies will be complied from:
    - Tule River Association Annual Reports
    - USGS Stream Gage at Fountain Springs
    - CVP BOR Reports

# Sustainable Yield

- Sustainable yield for the basin, supported by a **description of the undesirable results** for the basin, and an explanation of how the minimum thresholds and measurable objectives defined by each Plan relate to those undesirable results, based on information described in the basin setting. (§357.4(b)(3)(C).)



# Definitions:

- **“Sustainable yield”** means the maximum quantity of water calculated over a base period representative of long-term conditions in the basin and including any temporary surplus, that can be withdrawn annually from a groundwater supply without causing an “undesirable result”. (Water Code § 10721(v).)
- **“Undesirable result”** means one or more of the following effects caused by groundwater conditions occurring throughout the basin:
  1. Chronic lowering of groundwater levels.
  2. Significant and unreasonable reduction in groundwater storage.
  3. Significant and unreasonable seawater intrusion.
  4. Significant and unreasonable degraded water quality.
  5. Significant and unreasonable land subsidence.
  6. Depletion of interconnected surface water. (Water Code sect. 10721(w).)

# Other elements

- Identification of Plan Manager (§351(z).)
- Process for submitting all Plans, Plan amendments, supporting information, monitoring data, annual reports and periodic evaluations. (§357.4(d).)
- **Basin Setting (§354.12.)**
  - §354.14. Hydrogeologic Conceptual Model
  - §354.16. Groundwater Conditions
  - §354.18. Water Budget
- **Monitoring Protocols, Networks and Identification of Data Gaps (§§352.2, 354.32.)** (*Require a discussion in the Coordination Agreement – No explicit requirements to use same protocols*)
  - Monitoring Protocols
  - Monitoring Networks
  - Identification of Data Gaps
  - Data Management System (DMS) (§357.4(e).)

# Other elements

- Discussion of the Implementation of Plans and how together they satisfy SGMA (§357.4(c).)
- Miscellaneous
  - Dispute Resolution (*Framework already exists in existing Tule Subbasin MOU*)
  - Other?

# WHERE?

- Physically located as an appendices to the Groundwater Sustainability Plan
- <https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Sustainable-Groundwater-Management/Best-Management-Practices-and-Guidance-Documents/Files/GSP-Annotated-Outline.pdf>