# Water Rights in California

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### Overview

Background

Details

Issues



### Background – Water Use in California



"Statewide, average water use is roughly 50% environmental, 40% agricultural, and 10% urban." #TBT

- Total Applied Water 2001-2010: 42.7-48.1 maf
  - Groundwater: Normal Year 1/3, Dry Year 45%
  - Surface Water: Normal Year 2/3, Dry Year 55%



## Background – Types of Water Rights

- Surface Water ("Dual System")
  - Riparian
  - Appropriative
    - Pre-1914
    - Permitted or Licensed

#### Groundwater

- Overlying
- Appropriative
- Prescriptive
- (Adjudicated Rights judicial declaration of rights)



## Background - History

### • Riparian:

- CA adopted English Common Law (1850) riparian system
- Case Law "dual system" with riparian priority
- 1928 Constitutional Amendment –all water use must be reasonable and beneficial

#### •Appropriative:

- Gold Rush first in time first in right
- Case Law/Statutes refined the appropriation doctrine
- Water Commission Act (1913) current SWRCB system



## Details – Nature of a Water Right

- Usufructuary right to use the water, do not own the water itself
- **Real Property** water rights are considered real property
- **Reasonable and Beneficial Use** <u>All</u> water use
- Protected by 5<sup>th</sup> Amendment, but subject to regulation and limitation



## Details - Riparian Water Rights

- Correlative share with other riparian users
- Natural flow no right to stored or "foreign" water
- Riparian Parcel only parcel in watershed abutting stream
- No storage can be temporarily "regulated"
- Not lost by non-use
- May not be extinguished can be limited/deprioritized
- No SWRCB permit required
- Must report diversion and use



## Details – Appropriative Rights

- Seniority System
  - Senior fully satisfied before junior receives any water
- Elements:
  - Date established
  - Point and Method of diversion
  - Purpose and Place of use
- Water may be stored and exported
- Can be lost by non-use



### Details – Appropriative Rights (pre-1914)

- Not subject to SWRCB jurisdiction\*
- Must report diversion and use

• \* Increasing regulatory and enforcement actions by the SWRCB against pre-1914 rights



### Details – Appropriative Rights (post 1914)

- Apply to SWRCB for new right (changes/transfers)
- Process:
  - File application
  - Notice and protest period
  - CEQA
  - Decision by the Board
  - Permit Issued
  - Verification
  - License Issued
- Diversion and use reporting is term of water right



## Details – Groundwater Rights

- Overlying:
  - Correlative
  - Overlying land
  - Typically agriculture and rural residences

#### •Appropriative:

- Nonoverlying
- "Surplus" water
- Typically urban uses and groundwater exports

#### • Prescriptive:

- Adverse possession
- Typically urban uses in overdrafted basin



#### Issues

- Water Diversion and Use Reporting
- Curtailments
- SWRCB Enforcement
- ESA
- Public Trust Doctrine
- Reasonable Use (Art. X sec. 2)
- Fish and Game Code
- NEPA/CEQA



#### Issues – SGMA

#### Where

- High and Medium Priority Basins (CASGEM)
- Other basins may develop plans

#### Who

- Local Agencies with water or land use authorities
- SWRCB serves as backstop

#### What

- Groundwater Sustainability Plan (GSP)
- Achieve groundwater sustainability → avoid undesirable results

#### • When

- Regulatory Guidance: 2015-2016
- Identify Groundwater Sustainability Agency (GSA): June 30, 2017
- Groundwater Sustainability Plan (GSA): 2020 (critical overdraft) or 2022 (all others)



# Thank You

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