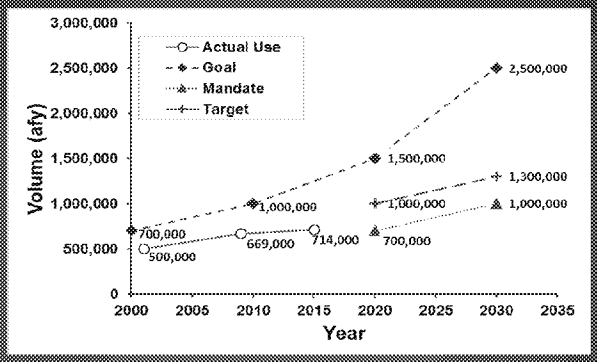
Recycled Water Monitoring

REBECCA GREENWOOD

Narrative Goal



"Maximize the use of recycled water in areas where groundwater supplies are in a state of overdraft, to the extent that downstream water rights, instream flow requirements, and public trust resources are protected."

Super Order

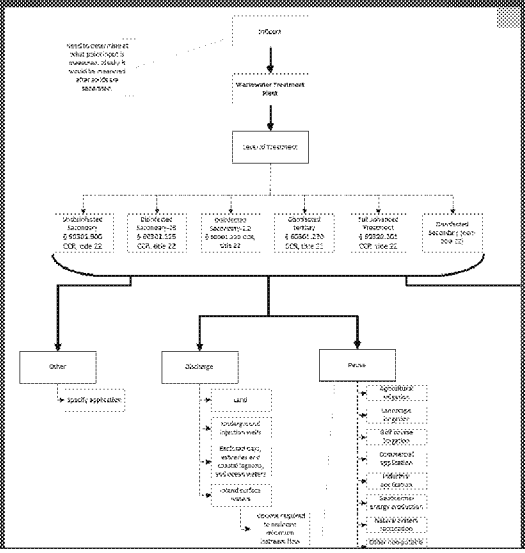
The State Water Board will evaluate progress toward these goals and revise the goals as necessary. To support this evaluation, the Executive Director will issue an order consistent with Water Code section 13267 and Water Code section 13383 to require wastewater treatment plants and recycled water producers to annually report the information listed in this section. The Executive Director may modify the reporting requirements of this section, as needed, to effectively evaluate progress toward the goals.

Reporting Requirements

Reporting	Data Collection frequency	Reporting frequency
• Wastewater available for reuse, including influent, treatment level, and volume discharged	Monthly	Annual
• Recycled water used	Annual	Annual

- Reporting system
  - Collaboration with DIT, OIMA, and stakeholders
  - 2019 data reported April 2020

Draft Flow of Report



Influent

- Influent (the monthly volume of municipal wastewater processed by the plant)
- What is the monthly influent volume? (NUMBER) (UNIT, AF)
  - Influent is measured prior to primary treatment?

Production

- Production (the monthly volume of the municipal wastewater treated to a standard)
- What is total monthly production volume? (NUMBER) (UNIT, AF)
- Is the facility treating production volume to Title 22 treatment standards?
- What types of treatment are at the facility?
- Are there any additional standards not title 22 for discharge?

Definitions of Treatment

- Title 22
- Definitions from Permits?
- Title 23

Discharge

- Discharge (the monthly volume of the treated municipal wastewater discharged)
- What is the total monthly discharge volume from the facility? (NUMBER) (UNIT, AF)
- Where does the facility discharge to?

Reuse

- Reuse (the volume of treated municipal wastewater distributed for beneficial use in compliance with title 22)
- What is the total volume?