

# CASTAC BASIN WY 2021 UPDATES

CASTAC BASIN BOARD OF DIRECTORS MEETING  
9 SEPTEMBER 2021



# AGENDA

- Update on Technical Tasks Completed March 2021 – August 2021
- Plans for 2022 GSA activities

# SUBMITTED ANNUAL REPORT TO DWR

- Groundwater elevation and extraction data
- Total water use
- Change in groundwater storage
- Plan implementation update



## WY 2020 Annual Report

Castac Lake Valley Groundwater Basin

Prepared by:

EKI Environment & Water, Inc.

for

Castac Basin Groundwater Sustainability Agency

15 March 2021



# WATER LEVEL MEASUREMENTS IN REPRESENTATIVE MONITORING WELLS (RMWs)

- Visited all RMWs & uploaded data from transducers in March/April
- Replaced batteries, cleared memory, and reset transducer schedule
- Relocated transducers from two wells:
  - TRC-MW6D (moved to TRC-MW16D)
  - TRC-MW05 (moved to TRC-MW23D)
- Uploaded water level data to DWR's monitoring network module



# TSS GRANT APPLICATION

- General Application submitted to DWR on 15 June 2021
- Proposed drilling and construction of new deep monitoring wells
- Location is near the upgradient basin boundary with Cuddy Canyon Valley Basin
- Will fill a significant data gap



**CA.GOV**  
**Department of Water Resources**  
Technical Support Services: General Application  
Groundwater Sustainability Plan Development

*The Department of Water Resources (DWR) is offering Technical Support Services (TSS) to assist Groundwater Sustainability Agencies (GSAs) with the development of their Groundwater Sustainability Plans (GSPs).*

*This TSS General Application collects information that applies to all GSAs located in the groundwater basin/subbasin and only one application per groundwater basin/subbasin is allowed. By submitting a TSS General Application for the groundwater basin/subbasin, you are volunteering to be the Groundwater Basin/Subbasin Coordinator for all TSS located in the groundwater basin/subbasin.*

*The Groundwater Basin/Subbasin Coordinator will be responsible for facilitating communication and planning for all GSAs located in a groundwater basin/subbasin when applying for TSS Requests (e.g. Groundwater Monitoring Well Installation, Geophysical Logging, Video Logging, etc). You or your designee can submit a TSS Request after completing this application.*

*For questions or assistance with this TSS General Application, please contact Steven Springhorn at [Steven.Springhorn@water.ca.gov](mailto:Steven.Springhorn@water.ca.gov) (916) 651-9273 or one of the following DWR Region Office representatives:*

- Northern Region Office - Michelle Dooley, [Michelle.Dooley@water.ca.gov](mailto:Michelle.Dooley@water.ca.gov), (530) 529-7380
- North Central Region Office - Bill Brewster, [Bill.Brewster@water.ca.gov](mailto:Bill.Brewster@water.ca.gov), (916) 376-9657
- South Central Region Office - Mike McKenzie, [Charles.McKenzie@water.ca.gov](mailto:Charles.McKenzie@water.ca.gov), (559) 230-3308
- Southern Region Office - Tim Ross, [Timothy.Ross@water.ca.gov](mailto:Timothy.Ross@water.ca.gov), (818) 549-2345

*This application will be evaluated on its merits. Please answer each question and provide supporting documentation where possible.*

**I. Applicant Background**  
(Questions 1-5 of 8)

\* A blue asterisk denotes required information.

\* 1) Select the groundwater basin/subbasin that pertains to this TSS General Application:  
*Only one TSS General Application per groundwater basin/subbasin is allowed.*

CASTAC LAKE VALLEY (5-029) --- select ---

# TSS GRANT APPLICATION

- Site-specific application is pending
- Proposed construction of two monitoring wells
- Will allow monitoring of the groundwater gradient between Cuddy Canyon Valley Basin and Castac Basin
- Will help reduce uncertainty in Basin water budget

**CA.GOV**

**Department of Water Resources**  
Technical Support Services: Well Service Request  
Groundwater Sustainability Plan Development

The Department of Water Resources (DWR) is offering Technical Support Services (TSS) to assist Groundwater Sustainability Agencies (GSAs) with the development of their Groundwater Sustainability Plans (GSPs).

For questions or assistance with this TSS Well Service Request, please contact Steven Springhorn at [Steven.Springhorn@water.ca.gov](mailto:Steven.Springhorn@water.ca.gov) (916) 651-9273 or one of the following DWR Region Office representatives:

- Northern Region Office - Michelle Dooley, [Michelle.Dooley@water.ca.gov](mailto:Michelle.Dooley@water.ca.gov), (530) 529-7380



# PLANS FOR 2022 GSA ACTIVITIES

- WY 2021 data collection by TCWD & LCWD
  - Water level data at RMWs needs to be collected this month
  - Pumping data at all supply wells
- WY 2021 Annual Report – due to DWR in April 2022

