

Pilot Telemetry Project Overview

State Water Resources Control Board
Division of Water Rights



May 2024

Take Home Message

State Water Board will run a Pilot Telemetry Project during 2025-2028 in the Russian River watershed

- Looking for volunteers to participate in the Pilot Project
- First outreach event was May 13 (recording available)

Want more info?

- Read about the Project:
<https://cawaterdata.org/projects/telemetered-data-project/>
- Subscribe or contact the CA Water Data Consortium:
<https://cawaterdata.org/contact-us/>

Other Board Projects in Area

Supply and Demand Assessment Program

- Expand tools developed for Russian River drought response for new watersheds
- Pilot modeling underway in Napa River, Navarro River, and Butte Creek
- Selecting Additional Watersheds - Outreach meetings
 - May 14 – Eureka
 - May 21 – Salinas
 - June 3 – Sacramento/Virtual
- DWR-SDA@waterboards.ca.gov



Annual Reports of water data can be up to 18 months after water diversion or use

Telemetry

Real-time water data for
timely, targeted management



Automatically measured



Automatically transmitted

Pilot Project Overview



Collaborate with CA Water Data Consortium



Install new or upgrade equipment at about 75 sites



Conduct telemetered water monitoring for a water year

Project is for research only and has no enforcement component.

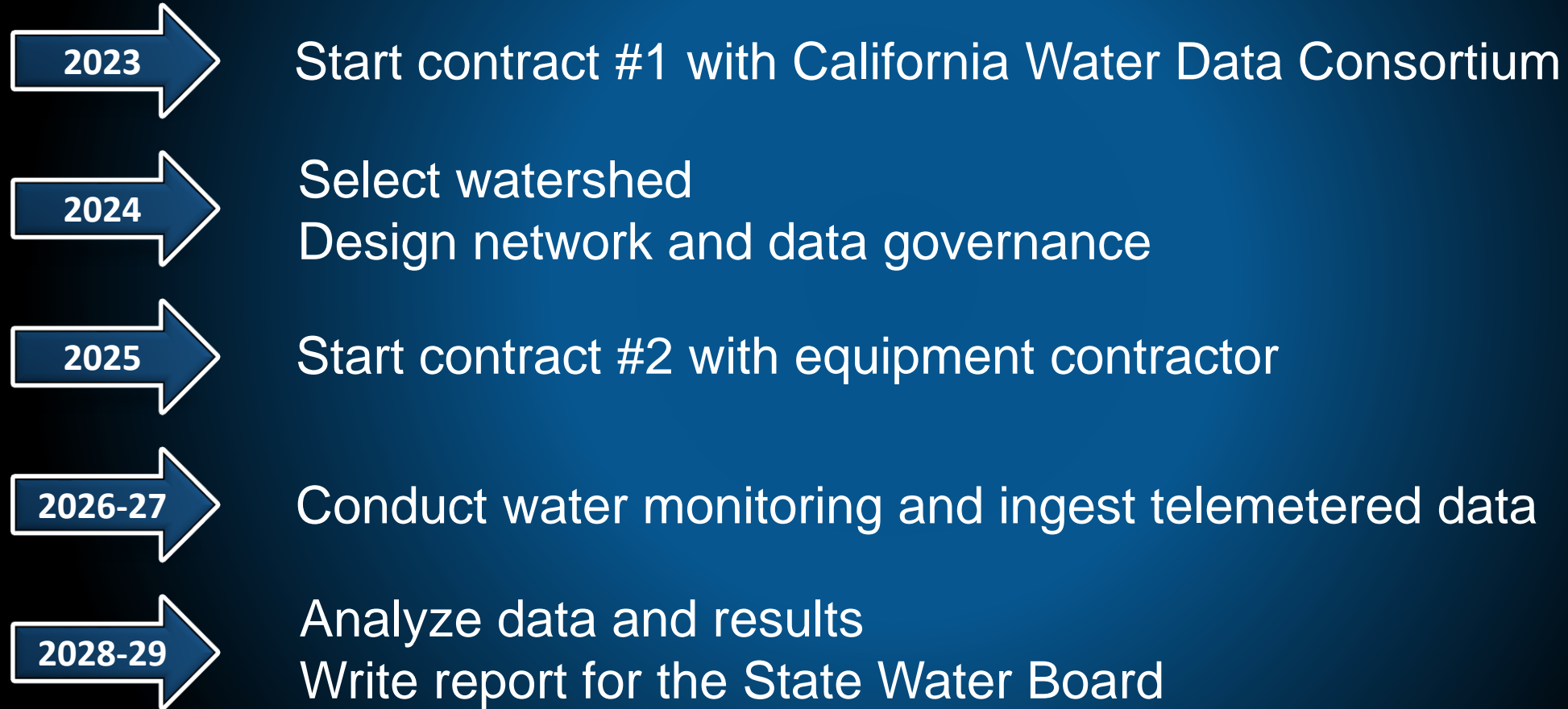
Pilot Telemetry Project

Evaluate:

- Cost and effectiveness of equipment
- Simplified data reporting into state data systems (UPWARD/CalWATRS)
- Data-driven thresholds for better management

Gain knowledge from community members and evaluate real-world conditions

Pilot Telemetry Project - Anticipated Timeline



Collaboration with CA Water Data Consortium

- California Water Data Consortium is an independent, non-profit organization
- Consortium is performing initial outreach and project scoping
 - Watershed recommendation for Pilot Project



Consortium recommended the Russian River watershed for the Pilot Project

- Can benefit from improved water monitoring
 - SB19, Priority Fish Species, North Coast Instream Flow Policy, CA Water Action Plan
- Previous successful Board and community collaboration
- Hydrologic complexity reflecting CA's diverse hydrology

Seeking Community Volunteers



Land Access

Provide access to their land to install telemetered water monitoring equipment



Equipment Access

Provide access to existing equipment and allow upgrades to telemetered monitoring



Data Access

Provide access to their existing telemetered data

Benefits of Volunteering

- Keep equipment at Project end
 - New telemetered equipment
 - Training documents
- Equipment configured by staff
 - Connect to state data systems
 - Report SB88-required data
- Feedback to staff about real-world conditions
- Contribute to plans for simplified reporting in future
- Participation is optional



Want More Info?

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 - <https://cawaterdata.org/contact-us/>
- Pilot Telemetry Project Lead
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- CA Water Data Consortium Lead
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