

RESOURCEFUL & INTENTIONAL

West Yost: Your Local Partner in Groundwater Services

West Yost's Surface Water and Groundwater Business Sector is comprised of geologists, scientists, and engineers who support clients in the integrated planning, design, and implementation of programs and facilities that optimize the use of surface and groundwater resources to achieve their long-term goals for quantity, quality, and conjunctive management of all available supplies.



GROUNDWATER AND SURFACE WATER SERVICES

- **Groundwater Sustainability Agency (GSA) Administration:** Expert support for GSA operations, including compliance with SGMA, stakeholder coordination, and sustainable groundwater management strategies tailored to local needs.
- **Recharge Master Planning:** Strategic planning to enhance groundwater recharge using stormwater, recycled water, and imported supplies. Our plans optimize site selection, yield, and long-term sustainability.
- **Groundwater & Surface Water Integrated Modeling:** Advanced modeling to simulate interactions between groundwater and surface water systems, supporting informed decision-making for water resource planning and infrastructure design.
- **Monitoring Network Design, Implementation, and Data Management:** Design and deployment of robust monitoring networks to track groundwater levels, quality, and trends—ensuring data-driven management and regulatory compliance.
- **Aquifer Storage and Recovery (ASR) Programs:** Development and implementation of ASR programs to store water in aquifers during wet periods for recovery during droughts—enhancing water supply reliability.
- **Land Subsidence Management:** Assessment and mitigation of land subsidence risk through monitoring, modeling, and management strategies that protect infrastructure and groundwater sustainability.

- **Water Quality Investigations:** Comprehensive evaluations of groundwater quality to identify contaminants, assess trends, and support regulatory compliance and public health protection.

SOME OF OUR SUCCESS STORIES

Colusa Subbasin Groundwater Sustainability Plan and SGMA Technical Support Services:

West Yost is a valued member of a multi-consultant team responsible for development of the Groundwater Sustainability Plan (GSP) for the Colusa Subbasin. We are involved in all aspects of GSP development, including engaging with stakeholders and the public, and producing the GSP for the Colusa Groundwater Sustainability Agency (GSA) and Glenn GSA. **This project reflects our leadership in large-basin GSP development, stakeholder engagement, and adaptive management under extreme drought conditions, ensuring sustainable groundwater management across a vast and diverse region.**

Big Valley Basin GSP Revision and Recharge Planning, Modoc and Lassen Counties, CA:

West Yost revised the Big Valley Basin GSP after DWR deemed it incomplete. We addressed deficiencies in water budgets and sustainability criteria, developed a domestic well mitigation framework, and launched a Water Availability Analysis to support recharge. Through collaboration with GSAs, DWR, and local stakeholders, we delivered a compliant GSP ahead of deadline. **This project highlights our ability to turn around complex GSPs, engage rural communities, and advance recharge planning in data-limited basins.**

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OUR TEAM

**Ken Loy, PG, CEG, CHG**

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As a specialist in groundwater-related issues, Ken enjoys being a part of the strong multidisciplinary teams at West Yost to address wide-ranging client needs. Ken's areas of expertise include ASR programs, hydrogeologic investigation/ characterization, and GMP/GSP development and implementation.

**Garrett Rapp, PE**

GRAPP@WESTYOST.COM | (602) 962-6761

Garrett's fascination with nature and affinity for collaboration inspires him to develop innovative solutions to protect and sustain our water resources.

**Anna Reimer, PG**

AREIMER@WESTYOST.COM | (530) 665-8134

As a child, I dreamt of how rocks could grow into mountains and water sprouted out of the ground. I can still dream about such things... with a bit more science mixed in.

**Clay Sorensen, PG, CHG**

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Clay's experience includes geologic and environmental consulting, including water-well installation oversight, groundwater resource investigations and litigation support.

**Lauren Gordon, PG**

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Lauren's love for the outdoors drives her work to protect our water resources and beneficial users. The toughest challenges require the most consideration and care!

**Poyom Riles, PE, QSD, ENV SP**

PRILES@WESTYOST.COM | (916) 840-2303

Poyom Riles specializes in surface water engineering, sustainable infrastructure, and ecosystem design. He has a broad range of experience as a civil and environmental engineer

**Alice Kwok, GIT**

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Alice's experience in geotechnical engineering fueled her continued interest hydrogeologic work and in hazard assessment and environmental remediation.

**Angie Rodriguez, GIT**

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Angie Rodriguez-Arriaga is a Geologist-in-Training that brings a diverse skill set in data management, geologic cross section development, and GIS applications.

Our team of experts include specialists in geology, hydrogeology, engineering geology, civil engineering, recycled water, water treatment and water treatment plant operation. We provide over 150 years of combined experience. Our commitment is to deliver results that make a difference. **Let's build a sustainable future together.**



Scan to view our team's resume.