

Domestic Well Needs Assessment Workshop Agenda

January 18th, 2019, 10:00 am-4:00 pm

Klamath Meeting Room
California EPA Building, 2nd Floor
1001 I Street, Sacramento, CA

The objective of this meeting is to explore prior work in identifying the location, extent, and water quality of domestic wells. The State has been tasked with performing a "Needs Assessment" to determine costs on potential remedies for contaminated domestic wells, especially as it relates to the Human Right to Water. The purpose of this staff workshop is to solicit your input on how best to focus this assessment and in turn plan potential remedies.

Orientation and Introduction to Workshop Objectives (20 min)

John Borkovich, *Groundwater Monitoring Section Chief, SWRCB*
Darrin Polhemus, *Deputy Director Division of Drinking Water, SWRCB*

GAMA Program Projects and Studies Regarding Domestic Well Users in California (30 min)

Miranda Fram Ph.D., *Groundwater Ambient Monitoring and Assessment, US Geological Survey*
Dori Bellan, *Engineering Geologist, Groundwater Ambient Monitoring and Assessment, SWRCB*

CV-SALTS Technical Approaches for Salt and Nitrate Characterization of Central Valley Groundwater (30 min)

Vicki Kretsinger Grabert, *President Luhdorff & Scalmanini, Consulting Engineers*

Potential Impact of Legacy Well Constructions on Water Quality in Supply Wells (30 min)

R. M. Gailey, *P.G., C.HG., R.M. Gailey Consulting Hydrogeologist PC*

Lunch (60 min)

A hybrid boosted regression tree model to predict and visualize nitrate concentration throughout the Central Valley aquifer, California (30 min)

Katherine Ransom, *Postdoctoral Researcher, UC Davis Dept. of Land, Air, and Water Resources*

An Overview of Domestic Well Data in California's Central Valley: Opportunities for Informed Risk Assessment (30 min)

Rich Pauloo, *PhD Candidate in Hydrogeology, UC Davis*

Break (10 min)

Drinking Water Vulnerability Screening Tool for Domestic Well Communities (30 min)

Clare Pace, *MPH, PhD, Postdoctoral Scholar, UC Berkeley Sustainability and Health Equity Lab and UC Berkeley Water Equity Science Shop*

Carolina Balazs, *PhD, UC Berkeley Water Equity Science Shop and OEHHA*

Tulare Lake Basin GIS Collaborative (30 min)

Michael Hickey, *GIS Analyst, Tulare County Information/Communication/Technology*

Facilitator Led Discussion: Group-Generated Conclusions (60 min)