

Groundwater in the Sacramento Region: Is it Sustainable?

Thursday, October 20th, 2005

We invite you to RSVP for the **RWA Forum: An Advanced Discussion on Emerging Water Issues** focusing on **Groundwater in the Sacramento Region: Is it Sustainable?** It will take place Thursday, October 20th from 10:45 a.m. to 2:30 p.m., with lunch provided.

Groundwater is a critical part of our region's water supply. In 2000, the area's water suppliers made a significant commitment through the Water Forum Agreement to rely more heavily on the groundwater basin in drier years. With an existing large cone of depression resulting from groundwater extraction in the heart of the basin and seemingly ever-increasing discoveries of groundwater contamination, we must ask, "Is our groundwater basin sustainable for future generations?" This course will identify the challenges to sustainability of groundwater in our region. Along the way, we will gain an understanding of basic groundwater principles and of the geologic features of our basin. We will discuss the legal and regulatory challenges that we face in developing future supply. The course will also look at the biggest challenge the basin faces – existing and emerging contamination from both natural and man-made sources. We will describe the local institutions, such as the Water Forum, the Regional Water Authority, and the Sacramento Groundwater Authority that provide a framework and a forum for planning that bring opportunities to overcome these challenges. Finally, we will discuss innovative projects and programs and integrated regional planning efforts that will assist in sustaining our groundwater resources into the future.

We encourage you to share this invitation with your colleagues that may have an interest including:

- Board of Directors
- General Managers
- Financial Directors and Planners
- Utility Department Directors
- State and Federal Policy Makers

Expect to learn through this course and case studies:

- What are the key geological and hydrological features that characterize our basin?
- What tools are available to monitor and analyze our basins?
- What are the basics of groundwater law?
- What does the Water Forum Agreement say about groundwater and how it should be managed?
- Who is responsible for regulating groundwater and what future regulations might we see?
- What is the latest on the Aerojet and McClellan contamination plumes? What about other contamination?
- What is "Conjunctive Use," and what facilities are planned or have been built to implement conjunctive use in the region?
- What opportunities exist to bank and exchange water?
- What is an "Aquifer Storage and Recovery" program? How is the Roseville pilot ASR project coming along, and what are the implications/opportunities for broader use?
- What is integrated planning, and what is the status of RWA's IRWMP?

Reserve a space (seating is limited to first 50 participants): Contact Cecilia Partridge: cpartridge@rwah2o.org or (916) 967-7692. For more information, visit: www.rwah2o.org

Hosted by RWA at the Carmichael Water District: 7837 Fair Oaks Boulevard, Carmichael, CA 95608