



WATER EDUCATION FOUNDATION

Water 101 – The Basics and Beyond October 2 & 3, 2014

***Cucamonga Valley Water District's Frontier Project
10435 Ashford Street
Rancho Cucamonga, CA
The Gallery Room***

Course Description:

A day-and-a-half course on California water basics and water district board member governance.

Targeted Audience:

Entry to mid-level water resource industry staff, engineering, environmental firm personnel, legislators, legislative staff, advocates, stakeholders, environmentalists, public interest organizations and water district directors.

Agenda

Thursday October 2

- 8 a.m.** **Registration: Coffee and Rolls**
- 8:30 a.m.** **Introduction and Course Outline and Summary**
Jennifer Bowles, Executive Director, Water Education Foundation
- 9 a.m.** **California's Natural Water Endowment**
Byron Buck, Executive Director, State and Federal Contractors Water Agency
- Water Geography and Hydrology**
Surface Water - Major Delivery Systems
- State Water Project
 - Central Valley Project

- Bay Area
- Southern California
- Groundwater

Types of Water Delivery Institutions

- Private
- Public

Discussion - Questions and Answers

10:15 a.m.

Break

10:30 a.m.

Summary of California Water Rights Systems

Eric Garner, Attorney, Best Best & Krieger LLP

- Riparian Rights
- Appropriative Rights
- Groundwater Law and Cases
- Reasonable and Beneficial Use
- Public Trust Law and Cases

Discussion – Questions and Answers

11:30 a.m.

Lunch

Current Issues in California Water Management

Lester Snow, Executive Director, California Water Foundation

Four critical areas of concern to manage California's water

- Integrated Water Management – What tools are available?
- Water Use Efficiency – How much can we get from these sources?
- Groundwater Management – Options in a drought year
- The Delta – Central Valley River Systems – An ecosystem in decline
- Groundwater Legislation – Why it happened and what's next

Discussion - Questions and Answers

1 p.m.

The Role of Alternative Water Supplies

Richard Atwater, Executive Director, Southern California Water Committee

- Conjunctive use and groundwater recharge
- Water recycling
- Stormwater recovery
- Desalination – brackish and seawater
- Conservation

Discussion: Questions and Answers

2 p.m.

Break

2:15 p.m.

Legal and Institutional Management Framework

Scott Slater, Special Water Counsel, Brownstein Hyatt Farber Schreck, LLP

Summary of Governing Laws

- Clean Water Act
- Safe Drinking Water Act
- Porter Cologne Water Quality Act
- Endangered Species Acts – State and Federal

Water Management Institutions and Stakeholder Groups

Government Agencies

- California Department of Water Resources
- State Water Resources Control Board and Regional Water Quality Control Boards
- Central Valley Project and Bureau of Reclamation
- Fish and Wildlife Resource Agencies
- Delta Stewardship Council
- California Water Commission
- Delta Conservancy
- Regional and Local Water Districts
- CPUC-regulated Water Districts

Major Constituency Groups and Agencies

- Directory of Water Interests

Discussion – Questions and Answers

3:15 p.m.

Break

3:30 p.m.

Understanding and working with the State Legislature

Alf Brandt, Legislative Director for State Assemblymember Anthony Rendon, Chair of the Assembly Water, Parks and Wildlife Committee

- Current and future water issues in the California Legislature
- The real-life process of passing landmark legislation – How you can participate
- Behind the scenes of the California Water Bond

Discussion – Questions and Answers

4:30 p.m.

Bringing it all together – Discussion with the Faculty

5 p.m.

Adjourn

Agenda

Friday, October 3

Primer for Public Water Agency Directors

9 a.m.

Governance Primer for Water District Directors

Jeff Ferre, Attorney, Best Best & Krieger LLP

- Role and Responsibilities of a Water District Director
- Building an Effective Board
- The Brown Act – basic requirements
- The Fair Political Practices Act – basic requirements
- Conflict of Interest Code
- Requirements for Ethics Training
- Avoiding common legal and political pitfalls for Directors

Discussion - Questions and Answers

10:30 a.m.

Break

11:00 a.m.

Explaining water issues in a Multimedia World

Tom Philp, Executive Strategist, Metropolitan Water District of Southern California, 2005 Pulitzer Prize Winner, Editorial Writing

- Understanding the News Media
- Using Social Media

Discussion - Questions and Answers

12:30 p.m.

Distribution of Certificates of Class Completion

Adjourn

12:30-2:30 p.m.

Tour of CVWD's Lloyd W. Michael Water Treatment Plant

Those participating in the **OPTIONAL** tour of the District's Michael Water Treatment Plant should meet at the Frontier Project Reception desk immediately following the conclusion of the Program, to carpool and/or caravan to the Plant. **Lunch will be provided at the Plant** prior to the start of the Tour. Tour is expected to last 30-45 minutes.