

Groundwater 97

June 18, Sacramento, 8:30-5:00

8:30-9:00 Registration, The Grand, 12th & J, Downtown

9:00-9:30 California Source Water Assessment Program (SWAP)

Otis Wollan, Executive Director, POWER, Moderator

Bruce Macler, EPA

Alexis Milea, Senior Engineer and Chief of Standards and Technology, DHS

Panelists present: an overview of the conference day, origins of SWAP and the 1996 Safe Drinking Water Act; the relationship between SWAP, EPA's Infection Risk, Monitoring Relief; the expectations and intent of Congress and EPA, and how public and stakeholder participation will work as part of the process.

9:30-9:50 Isotope Age Measurement: Practical Application in GW Management

Dr. Lee Davidson, Lawrence Livermore Laboratories

10:00-11:00 Virus in California Groundwater

Dr. Marylynn Yates, UC Riverside

Dr. Yates will present a status report of the national research project on viruses in groundwater, with a special focus on California findings (in progress) and their implications. The early data have indicated some unexpected findings which may directly impact California groundwater management methods. This session will cover the early surprises which appear to be:

- viruses have been found at surprising depths in some samples
- viruses are being discovered at a surprising frequency
- movement of viruses seems to be greater than expected
- survival rates for viruses may be longer than anticipated
- viruses are being found in the absence of coliform bacteria, raising questions about adequacy of testing procedures
- unexpected presence of virus in older, isotope dated groundwater have stimulated some new questions.

11:10-11:55 Next Steps for Groundwater Managers in California

Linda Adams, California Senate Resource Committee Staff

Anthony Saracino, CALFED Groundwater Consultant

Carl Hauge, DWR Chief Hydrogeologist

Bruce Macler, EPA

Representative of the Environmental Community, To Be Announced

11:55 Introduction to Groundwater OnLine; new interactive web site for groundwater

Noon Luncheon Speaker, Senator Jim Costa

The AB3030 legislation called for a review by the legislature of the status of groundwater management in California in early 1998. What is the expectation of the legislature at this time? How well is groundwater management progressing in California from the perspective of one of the most attentive and influential political leaders in the State?

DHS Source Water Assessment Program (SWAP)

Stakeholder Interaction and Input Forum

1:00-1:45 SWAP Overview, Introduction to the Afternoon Sessions

Bob Hultquist, Supervising Sanitation Engineer, DHS

Cliff Bowen, Senior Engineer, DHS

Leah Walker, Associate Engineer, DHS

The Department of Health Services is formulating its approach to the Source Water Assessment Program (SWAP) over the summer months of 1997. It is the purpose of this forum to inform the stakeholders in California groundwater management of the intention of the program, the currently proposed program elements, and to receive feedback from the water community on those program elements as they are being formulated. The purpose of the forum is to involve the affected community in a dialogue early in the process to minimize surprises, and maximize the effectiveness of the Source Water Assessment Program which has been mandated by Congress. The afternoon sessions will be held in smaller breakout sessions. The conference participants will be divided into three groups so the questions can be fully addressed, and there can be quality exchange and dialogue among participants and DHS resource staff. Every conference participant will attend all three of the following facilitated sessions in rotation:

2:00-5:00 Feedback Sessions:

Session A: Contaminant source inventories & Vulnerability/Sensitivity Assessments

Bob Hultquist, Supervising Sanitation Engineer, Chief, Technical Operations Section, DHS

What criteria should be used to determine what to look at in different zones? Should there be risk ranking of contaminants as a function of temporal and spatial proximity to the drinking water source? Do other agencies have guidance or materials on vulnerability and sensitivity assessments that would be helpful?

Session B: Protection Zones for Delineation Purposes

Leah Walker, Associate Engineer, Technical Branch, DHS

Should the SWAP use time of travel or fixed distances? Should the methods for delineating be the same for groundwater and surface water or different?

Session C: Standardized Mapping and Data

Cliff Bowen, Senior Engineer, Div. of Drinking Water and Environmental Management, DHS

How could standardized mapping be achieved to facilitate integration of information? What have other agencies done along these lines. Ideas for SWAP? What data is available and how could it be collected and brought together in a usable format? (e.g., contaminant source identification, local wellhead protection programs, AB3030 management plans, special independent/voluntary utility studies, source water delineations, etc.)

5:00 Adjourn

Groundwater Management 97

Sacramento

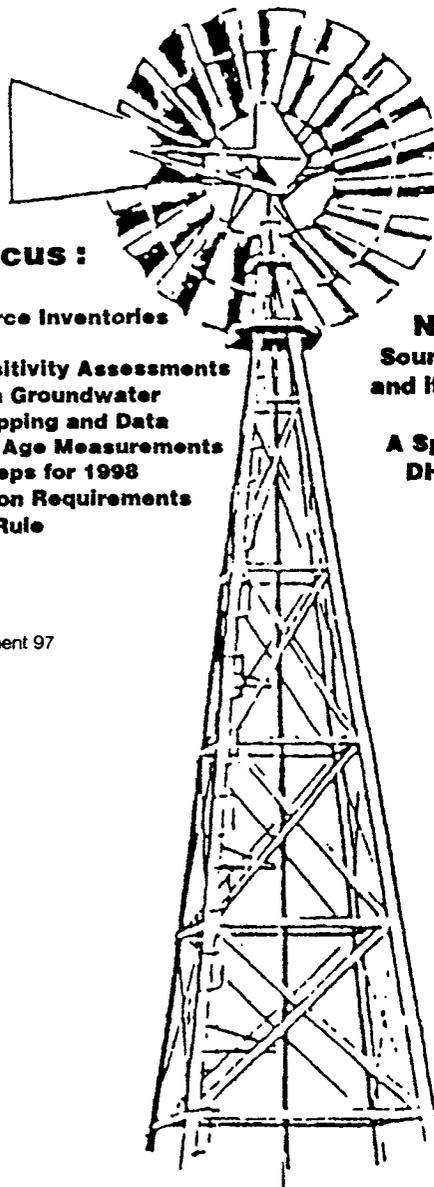
June 18

The Grand

1215 J Street (12th & J)

2 blocks from the Capitol

Info. 619-272-9627



Specific focus :

- Protection Zones
- Contaminant Source Inventories
- Monitoring Relief
- Vulnerability/sensitivity Assessments
- Virus in California Groundwater
- Standardizing Mapping and Data
- Practical Isotope Age Measurements
- CA Legislative Steps for 1998
- Public Participation Requirements
- The Disinfection Rule

**New Congressional Mandates—
Source Water Assessment Programs (SWAP)
and its impact on Groundwater Management;**

**A Special Stakeholder Outreach Forum for
DHS in collaboration with EPA and GW97**

**Be informed of the program elements,
the new requirements, and feedback
as the program is being formulated**

Groundwater Management 97
POWER
4209 Huerfano Avenue
San Diego, CA 92117

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Groundwater Management 97 Registration

Name _____

Title _____

Affiliation _____

Address _____

City/State/Zip _____

Phone _____ Fax _____

Conference Registration Fee \$95 _____

Registration received after June 11 \$115 _____

Lunch \$15 _____

check box for vegetarian option

Total Enclosed **Total** _____

Avoid late registration fee: register before June 11

Make Checks payable to: POWER/GW97
and mail to:

Dodson & Associates

4209 Huerfano Avenue

San Diego, CA 92117

Tel: 619-272-9627

fax: 619-272-6805

Fee includes conference materials and background material on Source Water Assessment Programs which will be mailed to each participant the week prior to the conference for review

Fee includes coffee, tea, and snacks during morning and afternoon breaks. Attendees are encouraged to purchase lunch to minimize interruption to luncheon speaker. Parking is available on 13th st between J and I streets.

Cancellations received in writing or by fax by June 11 will be refunded the full amount less \$25 processing fee. No refunds for requests received after June 12

Registration fees were set to cover the direct costs of the conference. However, the fees were not intended to prevent attendance of the workshop. A limited number of scholarships are available; inquire at 619-272-9627