

National Water Research Institute

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In This Issue

- Direct Potable Reuse Workshop Report Is Now Available
- Sponsorship Opportunity: Managed Aquifer Recharge Symposium

Direct Potable Reuse Workshop Report Is Now Available

A new workshop report is available that identifies information gaps and existing barriers to developing direct potable reuse regulations in California.

The 41-page report was prepared by the California Urban Water Agencies, National Water Research Institute, and WaterReuse Association California Section, who are interested in developing a strategic plan for addressing barriers to direct potable reuse as a feasible water resource option.

Direct potable reuse is the introduction of recycled water directly into a potable water distribution system. Criteria have yet to be developed or proposed for direct potable reuse in the U.S.

The three agencies sponsored a 2-day "Direct Potable Reuse" workshop on April 26-27, 2010, in Sacramento, California, which included over 60 representatives with various technical, scientific, policy, and social science backgrounds from regulatory, academia, environmental, and water and wastewater industries.

The objective of the workshop was to identify as many issues as possible that need to be evaluated to address information gaps and develop direct potable reuse regulations. The following issues – and possible strategies to address them – were summarized in the workshop report:

- Public acceptance.
- Communication between agencies in the water supply chain and between agencies and the public/customers.
- Microbial and chemical constituents of concern.
- Effectiveness and reliability of treatment unit processes.
- Multiple barriers of protection.
- Monitoring needs (treatment processes and product water).
- Use of indicators/surrogates for both microbial and chemical constituents.
- Redundancy in treatment.
- Management and operational controls.
- Permitting issues.

Information provided in the workshop report is expected to help support the needs of water, wastewater, and recycled water agencies in long-term planning and in prioritizing research-related activities.

The workshop sponsors also intend to use the workshop report as a basis for a work plan to conduct the studies and research needed to (1) support an evaluation of whether developing direct potable reuse regulations is appropriate and (2) support the development of any regulations.

The "Direct Potable Reuse Workshop Report" is available to download at www.nwri-usa.org.

Sponsorship Opportunity: Managed Aquifer Recharge Symposium

The National Water Research Institute, Water Research Foundation (WaterRF), and Orange County Water District invite you to become a sponsor of the 2011 Managed Aquifer Recharge Symposium.

About the Symposium

The purpose of this symposium is to discuss and exchange information about managed aquifer recharge issues. The focus will be on technical and policy issues regarding augmenting aquifers through **recharge basins** with surface waters, including river water, recycled water, and storm water.

The symposium will be held on January 25-26, 2011, at the Atrium Hotel Orange County Airport in Irvine, CA.

Topic areas include:

- Recharge Basin Performance.
- Recharge Basin Operations.
- Modeling of Recharge Basin Performance.
- Basin Optimization.
- Facility Planning and Engineering.
- Innovative Recharge Ideas.
- Research.
- Operational Experience.

Attendees will include academics, consultants, engineers, researchers, water and wastewater utility managers and staff, and government officials.

Sponsorship Details

Sponsorship of the Managed Aquifer Recharge Symposium offers an opportunity for your company to become part of the discussion on issues that are important to managing aquifer recharge basins.

The cost of sponsorship is \$750.

Benefits include:

- One (1) complimentary full symposium registration.
- Promotion as a symposium sponsor.
- Company logo on the symposium program.
- Signage recognition at the symposium.
- One (1) skirted 6-foot tabletop exhibit (optional).

More information about the symposium, including how to become a sponsor, is available at www.regonline.com/rechargesymposium.

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