

Brackish Groundwater National Desalination Research Facility (BGNDRF) Newsletter



From the Manager: We are pleased to present another issue of our periodic newsletter. It is designed to be a brief, information-filled page that will be of interest to our customers and friends. Feedback is welcome. Please contact me at (575) 443-6553 or email me at: rshaw@usbr.gov.
Kind Regards, Randy Shaw, PE

Pre-Proposals Sought for Desalination and Water Purification Research Grant

DENVER - The Bureau of Reclamation is seeking new technologies to study through the Desalination and Water Purification and Development Program. Pre-proposal applications are being accepted for research and laboratory studies as well as pilot scale projects aimed at increasing usable water supplies in the United States.

Reclamation will provide funding up to \$150,000 for the research and laboratory studies and \$400,000 for the pilot scale projects. Individuals, institutions of higher education, commercial or industrial organizations, private entities (including state and local governments), and Indian Tribal governments are eligible to apply. Cost-sharing is encouraged but not required for institutions of higher education. Other applicants must provide cost-share of 75% of the cost of their project.

The DWPR Program is helping Reclamation and its partners confront widening imbalances between supply and demand in basins throughout the west through testing and development of new advanced water treatment technologies.

The DWPR Program focuses on three main goals: (1) augment the supply of usable water in the United States; (2) understand the environmental impacts of desalination and develop approaches to minimize these impacts relative to other water supply alternatives; (3) develop approaches to lower the financial costs of desalination so that it is an attractive option relative to other alternatives in locations where traditional sources of water are inadequate.

The funding opportunity announcement is available at www.grants.gov by searching for announcement number R14AS00014. Pre-proposals must be submitted through www.grants.gov by Feb. 27, 2014, at 4:00 p.m.

To learn more about Reclamation's Advanced Water Treatment activities, please visit: www.usbr.gov/awt/.

Current Research at BGNDRF

- EDR Power Consumption Research (NMSU)
- Radial Deionization Pilot Testing (Danlin Industries)
- Solar Distillation Pilot Testing (KII, Inc.)

Upcoming Research at BGNDRF

- EDR Segmented Electrode Research (NMSU)
- Forward Osmosis Pilot Testing (Oasys Water)
- Irrigation of Halophytes with RO Concentrate (University of Arizona)
- Ion Exchange "Knew Process" Pilot Testing (Trailblazer Technologies)

For More Information about BGNDRF: <http://www.usbr.gov/research/AWT/BGNDRF/index.html>