

## 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](mailto:rshaw@usbr.gov).  
Randy Shaw, PE

### Reclamation Funding Opportunity

WASHINGTON — The Bureau of Reclamation is launching a novel "pitch to pilot" funding opportunity seeking new innovative technologies or processes for desalination and water purification. Top applicants will pitch their ideas to reviewers for the chance to test through a pilot demonstration.

"We are addressing a critical need to reduce the costs, energy requirements and environmental impacts for treating unusable water. Our approach is unique. We are streamlining the funding process by asking the strongest applicants to pitch their concept," said Desalination Water Purification Research Program (DWPR) Administrator Yuliana Porrás-Mendoza. "This is an opportunity to take a new approach from the lab to a real-world demonstration, providing products that serve the water treatment community and attract commercial interest."

Specifically, Reclamation is seeking:

- a less energy intensive way than current processes and technologies to treat brackish groundwater at the pilot scale.
- to reduce the high cost, energy usage and/or environmental impacts of concentrate management for inland desalination at the pilot scale.
- to improve efficiency of treatment without increasing the total cost and energy usage of current systems for desalination pretreatment.
- to address costs, energy usage and/or environmental impacts of seawater desalination, including intakes and/or outfalls.

Reclamation anticipates awarding four to six agreements with up to \$150,000 available per agreement through its Desalination and Water Purification Research Program. Applications are due June 25, 2019, at 4 p.m. MDT. Reclamation will invite the finalists to present their proposal at Reclamation's Brackish Groundwater National Desalination Research Facility in Alamogordo, New Mexico, on August 28-29, 2019.

The funding opportunity is available at [www.grants.gov](http://www.grants.gov) by searching funding opportunity number BOR-DO-19-F017. Though not required, applicants are encouraged to provide a non-federal cost share. Individuals/entrepreneurs, institutions of higher education, commercial or industrial organizations, private entities, state and local governmental entities, federally-funded research and development centers, tribal governments and organizations, and non-profit organizations are eligible to apply.

Learn more about Reclamation's DWPR Program at <https://www.usbr.gov/research/dwpr>.

#### Pacific States Water

Vacuum Membrane Distillation  
ZLD Demo with High TDS Feed  
May 7-31, 2019 @ BGNDRF  
For more info click [here](#).

#### Coming to BGNDRF:

BGNDRF 2<sup>nd</sup> Annual WIN  
Workshop (1 ½ Days)  
October 28-29, 2019  
More info forthcoming.

#### Coming to Albuquerque:

AMTA "Enhanced Recovery"  
Workshop (2 Days)  
October 30-31, 2019  
More info forthcoming.