

# TREATMENT AND REUSE OF PRODUCED WATER

The New Mexico Produced Water Consortium is a public-private partnership focused on the advancement of science and technology research and development. Consortium members comprise academia, industry, private sector, national laboratories, government and public agencies.



NEW MEXICO  
PRODUCED WATER  
RESEARCH CONSORTIUM

# Mission

Advance scientific research and technology development required to guide the development of science-based state and national policies and regulations for the treatment and fit-for-purpose reuse of oil and gas produced water.



**Identify Gaps in  
Knowledge and Technology**



**Research New  
Approaches to Water Use**



**Inform Policy Making**

## Background

- In 2020, New Mexico's oil and gas industry generated approximately 60 billion gallons of produced water, over 160 million gallons per day.
- Treated produced water has the potential to augment or substitute for fresh water in many fit-for-purpose uses in a time of long-term climate aridity and declining fresh water availability in New Mexico.
- New Mexico Environment Department (NMED) and New Mexico State University (NMSU) entered into a memorandum of understanding in September 2019 to create a produced water research consortium to support NMED's implementation of House Bill 546, the 2019 Produced Water Act.

## Sponsorship and Membership

Consortium sponsors and members include: Technology Companies, Producers, Midstream Companies, State and Federal Agencies, NGO's, Associations, Academia, Consultants, and Technology Vendors.

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