

# TREATMENT AND REUSE OF PRODUCED WATER

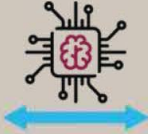
The New Mexico Produced Water Consortium is a public-private partnership focused on the advancement of science and technology research and development. Consortium members comprise academia, industry, private sector, national laboratories, government and public agencies.



**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.

## CONSORTIUM LEADERSHIP TEAM

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