

Produced Water Roundup

Welcome to the Produced Water Roundup, a proposed quarterly update from the Ground Water Research and Education Foundation and the Ground Water Protection Council Produced Water Taskforce.

The recently published studies represent work started in 2020 to the present. They include ongoing produced water research, treatment, regulatory, and data collection across multiple universities. This clearinghouse effort is intended to share information about ongoing research and foster collaboration between researchers, regulatory agencies, industry, and other stakeholders.

So, **Kick Up Your Heels** and enjoy the Quarterly Roundup!

1. **Robert P. Sabie., Lana Pillsbury., Pei Xu., (2022).**, *“Spatiotemporal Analysis of Produced Water Demand for Fit-For-Purpose Reuse—A Permian Basin, New Mexico Case Study.* (<https://www.mdpi.com/2073-4441/14/11/1735/htm>).”
2. **Jaeschke, J.B., Cozzarelli, I.M., Kent, D.B., Marvin-DiPasquale, M.C., Baesman, S.M., and Polite, B.F., (2021).**, *“Geochemistry Data for Wastewater Samples Collected at a Separator Tank and from an On-Site Storage Tank at the Marcellus Shale Energy and Environment Laboratory (MSEEL) 2015-2019, Morgantown industrial Park (MIP), West Virginia: U.S. Geological Survey data release,* (<https://doi.org/10.5066/P9Q3Y16S>).”
3. **McDevitt, B., Jubb, A.M., Varonka, M.S., Blondes, M.S., Engle, M.A., Gallegos, T.J., Shelton, J.L., (2022).** *“Dissolved organic matter within oil and gas associated wastewaters from U.S. unconventional petroleum plays: Comparisons and consequences for disposal and reuse. Sci. Total Environ. 838, 156331.* (<https://doi.org/10.1016/j.scitotenv.2022.156331>).”
4. **Puglis, H.J., Kunz, B.K., Harper, D.D., and Farag, A.M., (2022).**, *“Biological and chemical data from chloride bioassays with native wetland species in natural and reconstituted Prairie Pothole waters: U.S. Geological Survey data release,* (<https://doi.org/10.5066/P9BQ6YRZ>).”
5. **CA Robbins, Y Yin, AJ Hanson, J Blotevogel, T Borch, T Tong, (2022).**, *“Mitigating membrane wetting in the treatment of unconventional oil and gas wastewater by membrane distillation: A comparison of pretreatment with omniphobic membrane,* (https://scholar.google.com/citations?view_op=view_citation&hl=en&user=luouvNEAAAJ&sortby=pubdate&citation_for_view=luouvNEAAAJ:-FonjvnnhkoC).”

6. **Jun Ge, J.-P. Nicot, P.H. Hennings, K.M. Smye, S.A. Hosseini, R.S. Gao, C.L. Breton., (2022).**, *“Recent water disposal and pore pressure evolution in the Delaware Mountain Group, Delaware Basin, Southeast New Mexico and West Texas, USA, Journal of Hydrology: Regional Studies, Volume 40, 101041, (<https://doi.org/10.1016/j.ejrh.2022.101041>).”*

Additional information for your leisure:

Produced Water Society Permian Basin Event

<https://producedwatersociety.com/events-calendar/produced-water-society-permian-basin-2022/>

Presentations available from The Ground Water Protection Council 2022 Annual Forum

<https://www.gwpc.org/2022-annual-forum/>