Joanne Wagner

I am very concerned about the Proposed Draft Regulations Addressing Hydraulic Fracturing. and the toxicity of Produced Water. The Delaware River Basin needs to be protected not ruined to support the oil and gas industry.

The DRBC itself said, "The disposal of produced water poses a significant risk to the water resources of the basin if the wastewater is not properly managed." Allowing for storage and importation poses similar risks to disposal.

The DRBC also said, "Produced water from HVHF in the Marcellus formation has been found to contain: Salts, including chloride, bromide, sulfate, sodium, magnesium, and calcium; Metals, including barium, manganese, iron, and strontium; Naturally-occurring organic compounds, including benzene, toluene, ethylbenzene, xylenes(BTEX), and oil and grease; Radioactive materials, including radium; and Hydraulic fracturing chemicals and their chemical transformation products. "