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Dear Commissioners,

I'm writing you today to ask you to please consider banning fracking in PA. The damage done to not only our planet but to countless individuals living within several miles of these fracking sites is horrific. They are royally screwed. Their water is contaminated so that it is not only undrinkable but totally unusable. They develop horrible rashes, cancer, and serious illness due to the chemicals used in the process and then left sitting in pools near them.

Duke University researchers announced in January that they are finding radioactivity in Pennsylvania sediment from a Pennsylvania stream near a plant where fracking waste is treated. Science is still catching up with the damage fracking has done everywhere it's been done. Meanwhile, the Intergovernmental Panel on Climate Change has said, "Climate change challenges the traditional assumption that past hydrological experience provides a good guide to future conditions." Michael Mann says that it would be a mistake to see extreme weather events as the 'new normal'. What we are dealing with is an "ever-shifting baseline." "So, there isn't a new normal," he explains. "Things get continually worse if we go down this highway." We are dealing with many unknowns and when we do learn something, it's never good news. There are no bases except political expedience and greed that advocate for doing anything but banning all fracking related activities.

Pennsylvania's Wolf administration talks about a 100-year cycle of shale gas development. At present, there are about 10,000 wells in the ground. The industry's goal is 100,000 wells. In the past ten years, more than 300 confirmed cases of water contamination have occurred. Some of those cases involve several families. More than 9,400 complaints have been filed with the DEP. More than 4,400 of those are water-related. Most have gone unaddressed. More than 1200 peer-reviewed studies have identified wide-ranging health effects already impacting Pennsylvanians. Dead cattle and fish kills are just some of the indications that shale gas development is affecting our farm animals and wildlife. Quality of life is all but gone for many in the shale fields and the many more who now spend every available minute fighting pipeline and infrastructure projects. And all of that and much, much more is what has happened just ten years in. Any action by the DRBC that enables an industry that has done so much to harm

Pennsylvanians in just ten years and exposes the basin to the particular threats fracking waste and water extraction pose is unacceptable. The DRBC must impose a full fracking ban.

The Compendium of Scientific, Medical, and Media Findings Demonstrating Risks and Harms of Fracking's authors cite a 2017 study which found that "fracking wastewater discharged into rivers and streams through treatment plants created dozens of brominated and iodinated disinfection byproducts that are particularly toxic and "raise concerns regarding human health" (pg 18).

I so hope your will listen, think, and respond the only intelligent way and ban fracking now!

Sincerely,

Sherrie Greene