

## Michele Gittings

I oppose the allowance of increased introduction of waste from hydraulic fracturing into the Delaware River or other water avenues. I understand that this would be a relatively easy solution and cost effective, but as a still new industry they need to put money, time, and effort into alternative forms of waste control and not pollute our natural waterways. Moreover, it is well known that pollutants entering waterways are not dispersed evenly throughout the water, rather streamlined portions have higher concentrations of pollutants. Radioactive waste builds and takes lifetimes to degrade. Once entered, it is impossible to reclaim. Our ecosystems are affected rather irreversibly. I propose not to create new problems by using short-term solutions, but rather long-term, eco-sustainable solutions that show good stewardship. Remember the timespan involved and how these pollutants will quickly affect all ecosystems downstream as well as land creatures who feed on the creatures and plants that inhabit the waterways, including humans. Accumulation will happen at the depths and nooks and crannies of the subterrain. Surface water sampling is incapable of determining areas of high and low concentrations and can be misleading. Please don't do this. Put research into designing filters instead. Much of the technology already exists and just needs to be put together for this task. There are many researchers who would be willing to come up with solutions. Protect our waterways. Too much is at stake. Thank you.