

# Sharon Furlong

I am opposed to allowing any and all fracking related activities in the entire Delaware River Watershed area for the following reasons:

1-There are no totally safe technologies in this industry

2-There are no technologies developed as of the writing of this comment that can tackle a leakage, spillage or any other kind of disaster

3-The entire watershed area is connected both above ground and beneath it, thus making an accident or "event" in one place a disaster in most other places since....water migrates

4-High volume fracking procedures crack apart underground formations that for millions of years also harbor contained substances such as radioactive substances that need to remain contained.

These substances have already over the years, displayed a remarkable tendency to surge upwards in the fracking fluids when it returns to the surface. It also has illustrated that it too can shift when fracturing occurs. Half lives of these radioactive substances measure in the thousands.

4-the vast majority of the fracking fluids contain chemicals that are secret due to their status as "propriety". the ones that have been made public are major environmental and human health destroyers. this includes bromides, toluene and benzene, VOC's,xylene, sulfates and eventually, heavy metals. and that list is not all inclusive. none of these substances are benign. indeed, they are downright dangerous.

5-Health issues abound in areas undergoing fracking activities...with more and more reports coming out monthly. Health studies recently done by Duke University indicate health issues ranging from upper respiratory distress, to increase in asthma, to increasing low birth weight of babies. we have enough health problems already that our overloaded and getting to be un-accessible again healthcare system will not be able to handle.

6-and speaking about overloaded and unable to cope: try our old and small water treatment plants.....built many years ago and for a smaller population of people, its methods have not been updated to include SECRET chemicals in large volumes of fracking wastewater. if in excessive rainfall conditions many of these plants end up discharging improperly or incomplete "treated" waters, they will be constantly unable to work even remotely efficiently....thus creating another set of problems. and we cannot predict this because these chemicals are SECRET, and the volumes of water that might be presented for treatment is increasing by the millions of gallons

7-i have always had a problem with an industry that cannot deal with its garbage. this industry takes millions of gallons of water that is vital to all of life, contaminates it irrevocably and wants to leave it for the rest of the nation, the world and the ages to deal with. this is irresponsible, amoral, unethical and downright wrong. as the protectors of our waters, it is your responsibility to insure that this venal, short sighted, obsessed industry does not destroy the Delaware River Watershed/Basin area for profits...or indeed, for anything.

8-truck traffic to serve wellpads and fracking events number in the thousands per pad. this destroys local infrastructure, roads, and even communities. this traffic occurs 24/7. it generates noise, dirt, air pollution, untenable traffic, potholes, increasing psychological stress for local inhabitants....with no relief. and once the fracking event is over, local stress continues with continual noise from wellpads, additional truck traffic, and no one around to help solve problems if and when they occur.

does this sound sane to you? only in the world of unbridled profits, shareholder dreams, amongst people who have convinced themselves that their industry is safe, totally able to handle all problems both now and in the future, and politicians who are paid by this industry to look the other way as

people, communities, lands, entire ecosystems are sacrificed...and in this case, possibly forever.

this needs to be stopped. creating rules that you cannot enforce nor even write sufficiently because so much is secret is a fool's chore. as a matter of fact, it is actually opening the door to this industry and letting it do whatever it wants. if you think that you can contain them, when this industry has flouted rules, regs and even laws and just does what it wants, when and where it wants (as in the building of pipelines without permits, the destruction of people's lands, the trees that they use for their livelihood without permits for pipelines never built, improper and illegal discharges directly in streams, etc. etc etc....) you are delusional. no one can contain this industry. do not try. do not continue the arrogance that has led you to thinking you can and so promulgate these misguided regulations.

stop this now. act as your own history demands.....say no to the insanity. thank you