

## Fracking = Short-term jobs and Long-term damage

**Fracking does not create local jobs.** It actually lowers property values, and pollutes the water we drink and the air we breathe.

The gas industry has commissioned a number of economic studies that find huge job gains from fracking. However, a closer read of the studies reveal that analysis also projects that **fracking will actually lead to widespread job losses** in other sectors of the economy, and would result in slightly lower overall employment levels the following 10 years, compared to what it would be if fracking was banned. A study, commissioned by the Marcellus Shale Coalition, (Penn State University), estimated that gas drilling would support 216,000 jobs in Pennsylvania alone by 2015 - but the most recent data from the Bureau of Labor Statistics show employment in the oil and gas industry to only be 4,144 in Pennsylvania.

Rather than trying to project what will happen in the future, one could look at what the employment impact has been from Pennsylvania's love affair with fracking since 2007, using actual employment data readily available from the Bureau of Labor Statistics.

In fact, employment in five northeast Pennsylvania counties (McKean, Potter, Tioga, Bradford and Susquehanna) with high drilling activity declined by 2.7 percent.



**“Experiences of landowners throughout the U.S. who’ve signed leases are that even a good lease can’t protect their health, safety, groundwater, property value, etc., when something goes wrong.**

**Proceed with caution!”**

*Fracking Nonsense: The Job Myth of Gas Drilling at Network for Oil & Gas Accountability and Protection” ~neogap.org*

## What You Don't Know About Fracking WILL Hurt You.

### Health & Environmental Risks of Fracking

**Fracking contaminates groundwater** from the injections of toxic fluids near aquifers. Toxic fluid remains trapped underground. Hazardous materials and carcinogens leach into and contaminate groundwater.

**Fracking depletes water resources.** Large amounts of water are required for fracking. Approximately 2 to 9 million gallons of water are required for a single fracking job – and much of it becomes so contaminated it cannot safely be treated to return to the watershed

**Fracking poses serious health risks.** A four billion gallon fracking job requires 200,000 gallons of toxic chemicals, **Fracking and earthquakes.** The US Geological Survey stated that there is a direct connection between the wastewater injection .. and the recent earthquakes.



**Toxins.** 94% of fracking chemicals are associated with skin, eye and respiratory problems, 93% with harm to the GI system, and 83% with affecting the brain and nervous systems. *Dr. Theo Colborn, Endocrine Disruption Exchange Inc.*

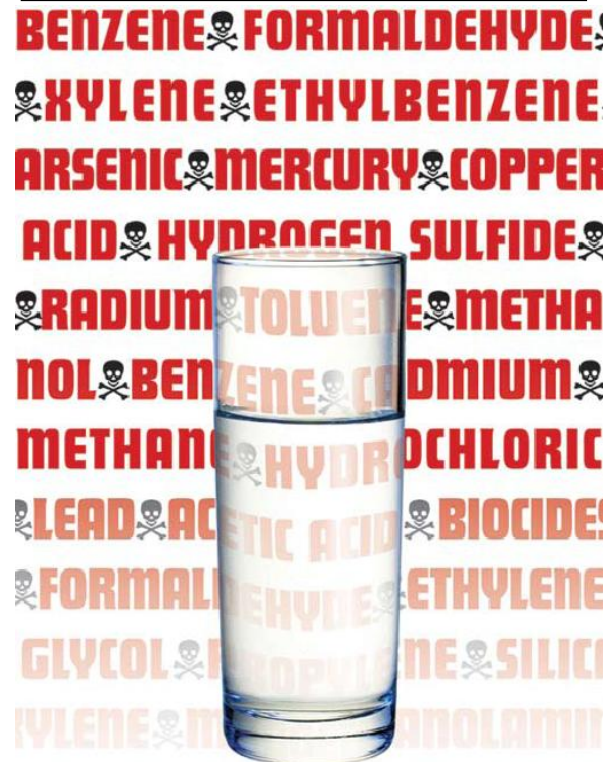
**Any energy resource that sacrifices water protection and threatens people's health and environmental safety in such significant ways should be halted.**

**Do your own research and check the facts yourself. Suggested starting places:**

<http://www.foodandwaterwatch.org/water/fracking/>  
<http://tedx.org/chemicals.introduction.php>  
[http://www.nytimes.com/interactive/us/DRILLING\\_DOWN\\_SERIES.html](http://www.nytimes.com/interactive/us/DRILLING_DOWN_SERIES.html)  
<http://www.nytimes.com/2012/04/19/science/earth/epa-caps-emissions-at-gas-and-oil-wells.html?hp>  
<http://www.cwfnc.org/what-we-do/hydraulic-fracturing/resources/>

After you have the facts, then act – now – because if fracking is started in NC, it will be almost impossible to stop.

**Don't Frack with our Water, our Health, or our Planet**



Fracking is linked to every part of the environmental crisis—from radiation exposure to habitat loss—and contravenes every principle of environmental thinking. It's the tornado on the horizon that is poised to wreck ongoing efforts to create green economies, local agriculture, investments in renewable energy, and the ability to ride your bike along country roads.

**\*\*Tell Governor McCrory and the North Carolina Legislature that:**

**Fracking Can Not be Done Safely and NC Should Keep Fracking Illegal**

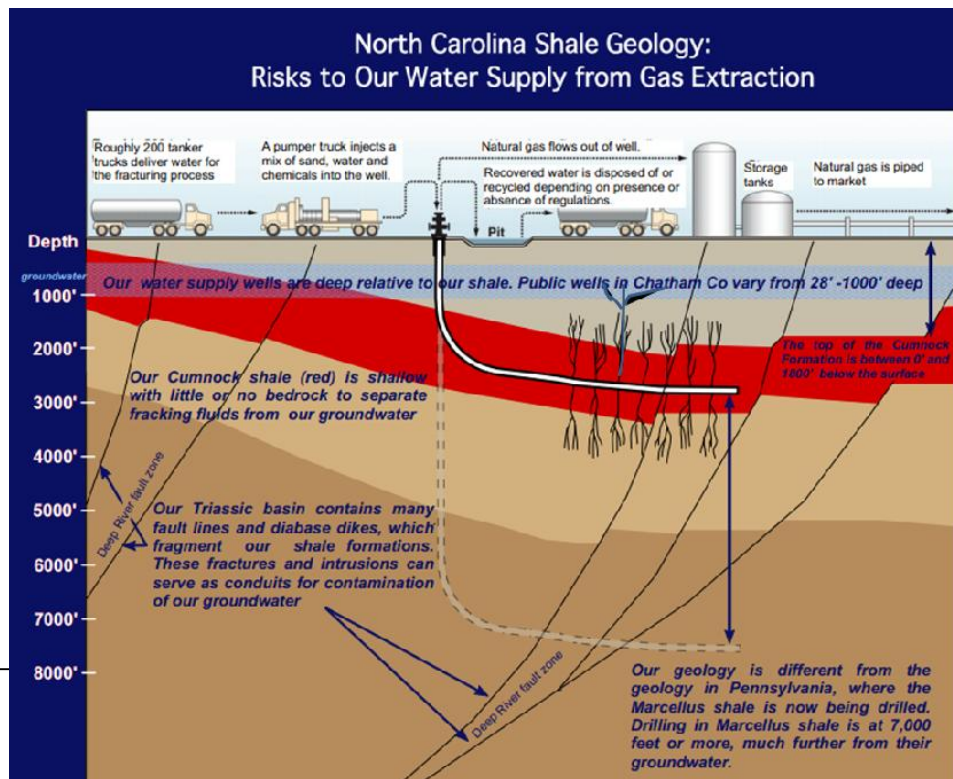
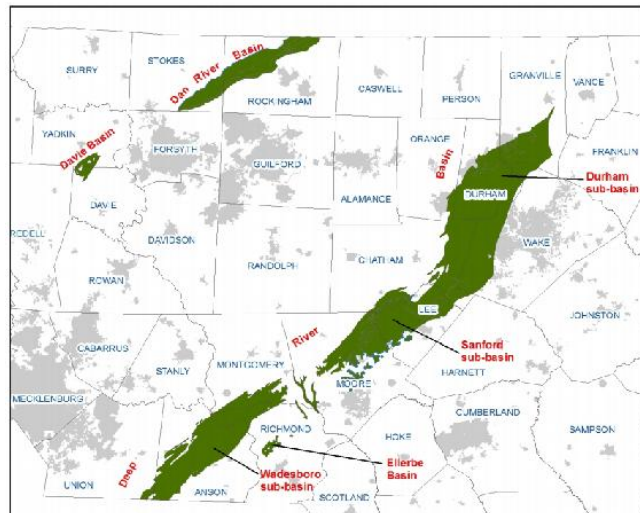
North Carolina's Shale is **MUCH shallower than in other states.**

Water contamination from fracking activities is widespread in states with fracking.

If fracking is ever allowed in NC, the ground-water will rapidly become contaminated.

**There is no way to decontaminate a heavily polluted aquifer.**

Location of Shale in the main Triassic Basins in Central North Carolina:



**We cannot afford to intentionally contaminate billions of gallons of NC's water in a time of frequent widespread droughts and unpredictable weather.**

The Texas Water Development Board estimates the total amount of water used for fracking statewide in 2010 was 13.5 billion gallons. That's a heavy draw on an aquifer in the midst of a serious drought. **But natural gas drillers can still pump as much water from the district as they want.**

According to a 2011 analysis by the Texas AgriLife Extension Service, water restrictions in 3 counties alone, risk \$675 million, including nearly 9,000 jobs.

- We can't afford to let this happen in NC.

## WHAT CAN WE DO?

Speak Out Now! Organize. Write your legislators. Meet with your legislators in person.

Demand that fracking be stopped before the permits are issued. Fracking is dangerous and cannot be done safely.

Demand to that the burning of coal, natural gas, and other fossil fuels be phased out starting immediately— not expanded through fracking and new pipelines.

More than 160,000 comments were submitted to the Mining and Energy Commission (MEC) exposing the lack of adequate protections for health and North Carolina's air, soil, and water. Don't let the MEC or the state legislature ignore the voices of citizens.

Go to the upcoming MEC Meetings and continue to speak out against their flimsy fracking rules.

**Oct: 30, 31 Nov: 6, 7, 13, 2014**

**Hydraulic fracturing – fracking** – involves high-pressure injection of a cocktail of water, sand and a variety of chemicals thousands of feet underground to crack open shale formations and release natural gas. This process has been used before, but recently has accelerated, increased the pressure and volume of water

Brochure prepared by the Water Committee of the Triangle Branch of the Women's International League for Peace and Freedom **WILPF**