

**From:** Trudy Gerlach [tgswoods@epix.net]  
**Sent:** Thursday, January 14, 2010 1:26 PM  
**To:** EP, RegComments  
**Subject:** New Chapter 95 water regulations

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INDEPENDENT REGULATORY  
REVIEW COMMISSION

Dear DEP,

I'd like to make the following comments about the new Chapter 95 water regulations. I especially am concerned about the effect the exploration and drilling for the Marcellus Shale in PA may have on our wonderfully clean and environmentally important streams, ponds, lakes and rivers, and the surface and ground water itself.

The entire effect of all the "frackwater" used in the Marcellus Shale drilling: origin, use, flowback, transportation, treatment and disposal of all frackwater fluids, has to be tightly monitored and controlled, to prevent our water (streams, etc) from becoming a dumping ground for frackwater and thus not only polluting our water, adversely affecting life forms in and using the water, but also leaving our streams and rivers open to such things as the Golden Algae invasion (which can invade streams and rivers which have been changed by pollution such as coal runoff and frackwater disposal). Please do not weaken your proposed discharge standard for Total Dissolved Solids, which should be stated as a daily minimum. Your definition of TDS itself is good, and should be retained, with the addition of the daily minimum. Also, certain contaminants (such as bromides, arsenic, benzene, radium, magnesium and Volatile Organic Compounds) found in frackwater should have discharge standards. Please put these regulations in use as soon as possible, and stop issuing drilling permits until the Ch. 95 revisions are in place. We have a priceless treasure in our water here in PA, and we must do everything we can to protect it, and to make sure that Marcellus development and drilling will not destroy it. Thank you.

Trudy Gerlach

Compiler for SE Brad. Co Christmas Bird Count, Brad. Co PA Migration Count, (among others)

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