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INDEPENDENT REGULATORY  
REVIEW COMMISSION

**From:** born female [simplywitness@yahoo.com]  
**Sent:** Friday, February 12, 2010 4:40 PM  
**To:** EP, RegComments  
**Subject:** COMMENTS-Proposed DEP's Chapter 95 Regulations - Wastewater Treatment  
**Attachments:** DEP COMMENTS.doc

I endorse the following changes to the Proposed DEP's Chapter 95 Regulations - Wastewater Treatment

- \* There should be a mandated 1,000-foot buffer between a well site and a private drinking water source and a 1/2-mile buffer between a gas well and any public drinking water supply.
- \* Marcellus wastewater from fracking and produced water should not left lined ponds or open lagoons during any stage of the process. Storage in tanks should be monitored regularly for corrosion or leaks.
- \* No well site should be prepared or well drilled within 500 ft. from any stream, spring or body or within 300 feet of any wetland including those under one acre.
- \* Marcellus wastewater (frac water) must be manifested from well site to treatment and registered via a chain of responsibility.
- \* A TDS (Total Dissolved Solids) limit of 500 mg/L for TDS and 250 mg/L each for Sulfates and Chlorides is needed.
- \* The standard for TDS should be a daily maximum, not a monthly average.
- \* The cumulative impacts of gas & oil development on the watershed should analyzed by the DEP and changes in regulations be made accordingly.
- \* DEP should add discharge standards for bromides, arsenic, benzene, radium, magnesium and Volatile Organic Compounds. NORM and radioactivity should be monitored at the well sites and at the treatment sites.
- \* Due to the highly varying toxicity of both TDS discharges and especially Marcellus wastewater, Whole Effluent Toxicity (WET) testing should be required.
- \* Drilling permits should be discontinued until Chapter 95 changes are in place.
- \* Oil & gas development of any kind should be prohibited in Exceptional Value) watersheds, Wilderness Trout Stream watersheds, EV wetlands or areas containing threatened or endangered species.
- \* DEP should require individual permits for gas & oil development. in High Quality-Coldwater Fishery (HQ-CWF) watersheds,
- \* Water withdrawal permitting by SRBC, DRBC and PA DEP must be closely monitored. Water withdrawals from the permitted watershed need to be documented at the time of withdrawal to assure that the stream uses are protected.

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