

From: Mark [mpbixby@ptd.net]
Sent: Thursday, January 14, 2010 12:16 PM
To: EP, RegComments
Subject: Marcellus Shale drilling

RECEIVED

2010 JAN 15 PM 1:43

INDEPENDENT REGULATORY

Gentlemen .. PLEASE consider the fact that North Central Pennsylvania is at the head waters for 4 major river systems. The quality of the water that leaves our area affects thousands of miles of rivers throughout the whole of the Eastern United States.. Tight regulations and good oversight is imperative..Therefore: \

Marcellus "frackwater" must be monitored via a chain of responsibility (cradle to grave) of signed paperwork documenting the origin, use, flowback, transportation, treatment and disposal of all frackwater fluids. This monitoring must include all fluids (aqueous and air) and solids origination in the frackwater

- **Our streams cannot be dumping grounds for frackwater.** We must have a standard for Dissolved Solids allowed in our water. A TDS (**Total Dissolved Solids**) limit of 500 mg/L for TDS and 250 mg/L each for Sulfates and Chlorides is needed to meet Federal drinking water standard. DEP should not weaken their proposed discharge standard for TDS.
- **The standard for Total Dissolved Solids** (TDS) should be stated as a daily maximum, not a monthly average. In addition, there should be a minimum requirement that all discharges not cause background in-stream concentrations of TDS to rise above 133% of background levels (the Delaware River Basin Commission standard).
Thank You for considering all aspects needed for clean water.

Mark P. Bixby
Wellsboro, PA 16901