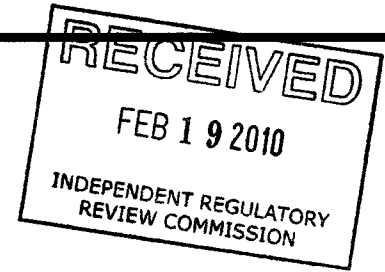


**From:** Norma Van Dyke [nvandyke2@verizon.net]  
**Sent:** Friday, February 12, 2010 4:32 PM  
**To:** EP, RegComments  
**Subject:** Chapter 95 Wastewater Treatment Requirements



From: Norma Van Dyke  
121 Lombard St  
Phila., Pa. 19147-1601

1. TDS Standard is too high to ensure a sustainable environment for fish, aquatic life and humans. Already chlorine concentrations are increasing at a rate that threatens the availability of fresh water in the Northeast. Water is being salinized by salinization of the roadways. If salinity continues to increase at its present rate many surface waters will not be potable for human consumption and would be toxic to freshwater life within the next century.

The standard should be 250mg/L for TDS, chlorides and sulfates. TDS standard should be stated as a daily maximum. Also, it should be clearly stated that dilution of the wastewater stream cannot be used to escape the applicability thresholds.

2. At least 85 known hazardous substances, including carcinogens, mutagens, neurotoxins, pesticides and endocrine disruptors are present in the Marcellus Shale flow back fluids, There should be no level of these toxins in our drinking water.

3. The DEP should stop issuing any permits for water withdrawals, drilling, or waste treatment for Marcellus Shale drilling until these standards are in place and in effect.

4. Wastewater use must be very closely monitored.