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June 14, 2010
Mr. Kim Kaufman
333 Market Street, 14th Floor
Harrisburg, PA 17101
Dear Mr. Kaufman,
I am writing in support of a discharge standard 500 milligrams per liter ( $\mathrm{mg} / \mathrm{L}$ ) for Total Dissolved Solids (TDS) and $250 \mathrm{mg} / \mathrm{L}$ each for Sulfates and Chlorides for natural gas drillers. These standards will help to ensure that federal drinking water standards are met across the state for TDS. I would also like to applaud DEP for setting a reasonable ceiling for TDS for existing industries with discharge permits.

DEP engaged in a thorough and well rounded stakeholder process to arrive at these standards. I am pleased that the Department is being conscientious with our state's interests, but I also recognize that we are overdue to update regulations in the face of a large and entirely new industry here. Hydrofracking has never been conducted on such a scale and with such volumes of water in our state before.

I acknowledge that many other states that host hydrofracking do not permit discharge of wastewater in their states. However, Pennsylvania is a water rich state and does not have the sort of geology that makes large scale deep-well injection an option. Therefore, it is critical that we implement a strong discharge standard, so that wastewater that does make it into our water supply.

I urge IRRC to approve these rules, so that they may be promulgated quickly and begin protecting the people of Pennsylvania, as well as the aquatic life that so many of them enjoy.

Sincerely,


Barbara McIlvaine Smith
State Representative
$156^{\text {th }}$ District
BMS:cds

