

To: SAB@EPA
Date: 03/08/2011 10:16 PM
Subject: SAB Hydraulic Fracturing Study Plan Review

To Whom It May Concern:

As you are reviewing the draft plans for the Hydraulic Fracturing Study Plan, I believe that it is of vital importance that you deeply examine several different aspects of Hydraulic Fracturing that potentially cause threats to the community and its water supply. I believe that you must constantly test our water supply in the surrounding areas of the hydraulic fracturing to make sure that the drinking water for citizens is fresh and potable. Many companies use diesel fuel in hydraulic fracturing, which I believe should be stopped. It does not increase efficiency of resource removal. More testing on water-based alternatives to diesel fuel should be studied. One of the main reasons for water contamination is the result of the mixing in of hazardous chemicals into the water that is pumped down the wells. More studies of non-toxic chemicals should be conducted in order should create better alternatives to the current hazardous chemical components. As of right now, the wastewater that comes out of the wells should be treated as hazardous waste and should be contained in closed steel containers that have no chance of leaking instead of plastic lined man-made ponds that can easily fail. Lastly, the EPA should increase the standards of water treatment plants so that the water that is being treated and put back into the Earth is clean and non-toxic. It is of utmost importance that the people living around areas of hydraulic fracturing are not affected by the pollution of their ground water and drinking water by the toxic chemicals.

I hope you take these suggestions into consideration.

Thank you,
Jake Lukach