

Arkansas Wildlife Federation • Catskill Mountainkeeper • Chemung County Council of Churches • Chemung County Council of Women • Church Women United of Chemung County • Church Women United of New York State • Clark Resource Council • Court St Joseph #139 Catholic Daughters of the Americas, Corning/Elmira • Damascus Citizens for Sustainability • Delaware Riverkeeper • Drilling Mora County • Earthjustice • Earthworks' Oil and Gas Accountability Project • EcoFlight • Environmental Working Group • Ladies of Charity of Chemung County • National Alliance for Drilling Reform • Natural Resources Defense Council • New Mexico Wildlife Federation • Northeast Ohio Gas Accountability Project • Northern Plains Resource Council • Otsego 2000, Inc. • NYH20 • Past Regents Club/Catholic Daughters of the Americas, Diocese of Rochester • Pavillion Area Concerned Citizens • People for a Healthy Environment • Pomona Grange #1, Chemung County • Powder River Basin Resource Council • Red Rock Forests • San Francisco Creek Ranch Landowners Association • Sierra Club • The Committee to Preserve the Finger Lakes • The Endocrine Disruption Exchange • Upper Green River Alliance • Veteran Grange #1108, Chemung County • Western Colorado Congress • Wise County Alliance for Drilling Reform • Yell County Wildlife Federation

Andrew Gould
Chairman & CEO
Schlumberger
5599 San Felipe Street
Houston, TX 77056

August 5, 2010

Dear Mr. Gould:

Upon reviewing the recently released results of a Congressional investigation, we were troubled to learn that your company had admitted to injecting aromatic hydrocarbons in hydraulic fracturing operations. The undersigned organizations collectively represent more than 625,000 members, some of whom live in communities that may have been placed at risk by these injections. We would like complete information about these injections so that citizens can protect themselves.

We are writing to request that you immediately disclose 1) where, when and into what formations these injections occurred, 2) the chemical make-up and volume of the product injected, by well, 3) whether prior to each injection, you conducted site-specific hydrogeological studies and transport modeling to identify the potential for migration of injected fluids or naturally occurring contaminants released underground as a result of hydraulic fracturing and, if so, the results of those studies, 4) whether you conducted any tests for evidence of migration of the fluids or contamination by these injections and, if so, the results of these tests, and 5) whether you detected any other harm as a result of the injections.

The use of aromatic hydrocarbons in hydraulic fracturing poses serious risks to water quality and human health. In a 2004 report on hydraulic fracturing, the Environmental Protection Agency (EPA) singled out diesel as a health concern because of the aromatic hydrocarbons contained in diesel. "The use of diesel fuel in fracturing fluids poses the greatest potential threat to [underground sources of drinking water]," the

EPA wrote, “because the BTEX constituents in diesel fuel exceed the [maximum contaminant level] at the point of injection.” BTEX refers to benzene, toluene, ethylbenzene and xylene. These chemicals are all aromatic hydrocarbons that are toxic in water at very low levels. Benzene is a contaminant of particular concern because it is a known human carcinogen.

According to the investigation by the House Committee on Oversight and Government Reform, your company reported that it used 170 gallons of two corrosion inhibitors that contain “aromatic hydrocarbons.”

It is critical that you respond to our request for more specific information about these injections and alert the communities affected. Communities must know more about these activities so that they can conduct testing or take other precautions. Please let us know if you have any questions. We look forward to your prompt response. Please direct correspondence to the Arkansas Wildlife Federation and Environmental Working Group.

Sincerely,

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