



People concerned about the effects of fracking on the health and safety of our communities

Gas Drilling Research and References

Environmental Impact

“EPA Finds Arsenic And Barium In Dimock Households’ Water” by Scott Detrow, StateImpact, January 19, 2012.

“...Pennsylvania’s [Department of Environmental Protection](#) blamed the methane contamination on faulty gas wells drilled by Cabot Oil and Gas...”

<http://stateimpact.npr.org/pennsylvania/2012/01/19/epa-finds-arsenic-and-barium-in-dimock-households-water/>

“In Dimock, EPA acts in public interest,” TheTimes-Tribune.com, January 22, 2012.

“Federal investigators began testing water supplies for 61 homes in Dimock, Susquehanna County, and delivering clean water to four homes where independent testing has found health threats in contaminated water.

In December, the state Department of Environmental Protection ignored the state constitutional guarantee of clean water for Pennsylvanians, and allowed Cabot Oil & Gas Co. to stop delivering clean water to the affected homes in Dimock Twp., on grounds that the company had fulfilled terms of an agreement.”

Read more: <http://thetimes-tribune.com/opinion/in-dimock-epa-acts-in-public-interest-1.1260827#ixzz1nkMgih1h>

EPA Releases Draft Findings of Pavillion, Wyoming Ground Water Investigation for Public Comment and Independent Scientific Review, News Release from Region 8, Environmental Protection Agency.

EPA constructed two deep monitoring wells to sample water in the aquifer. The draft report indicates that ground water in the aquifer contains compounds likely associated with gas production practices, including hydraulic fracturing. EPA also re-tested private and public drinking water wells in the community. The samples were consistent with chemicals identified in earlier EPA results released in 2010 and are generally below established health and safety standards. To ensure a transparent and rigorous analysis, EPA is releasing these findings for public comment and will submit them to an independent scientific review panel.

<http://yosemite.epa.gov/opa/admpress.nsf/20ed1dfa1751192c8525735900400c30/ef35bd26a80d6ce3852579600065c94e!OpenDocument>

EPA Investigation of Ground Water Contamination Near Pavilion, Wyoming; Draft Report of Environmental Protection Agency, Office of Research and Development, National Risk Management Research Laboratory, Ada, Oklahoma, 74820; December 8, 2012.

http://www.epa.gov/region8/superfund/wy/pavillion/EPA_ReportOnPavillion_Dec-8-2011.pdf

Chemical and Biological Risk Assessment for Natural Gas Extraction in New York, Ronald E. Bishop, Ph.D., CHO, Chemistry and Biochemistry Department, State University of New York, College at Oneonta, Draft, January 21, 2011.

“Over the last decade, operators in the natural gas industry have developed highly sophisticated methods and materials for the exploration and production of methane from unconventional reservoirs. In spite of the technological advances made to date, these activities pose significant chemical and biological hazards to human health and ecosystem stability.”

<http://63.134.196.109/documents/RiskAssessmentNaturalGasExtraction.pdf>

TEDX - Endocrine Disruptor Exchange.

TEDX, founded by Dr. Theo Colborn, is a non-profit organization dedicated to compiling and disseminating the scientific evidence on the health and environmental problems caused by low-dose exposure to chemicals that interfere with development and function, called endocrine disruptors.

<http://www.endocrinedisruption.com/home.php>

Economic Impact

The Economic Value of Shale Natural Gas in Ohio, Amanda L. Weinstein, Ph.D.; Mark D. Partridge, Ph.D.; Swank Program of Rural-Urban Policy, Ohio State University; December 2011.

“Economists have 150 years of experience in examining energy booms and busts throughout the world to form their expectations of how energy development affects regional economies. Generally, economists find that energy development is associated with small or even negative long-run impacts.”

<http://aede.osu.edu/sites/drupal-aede.web/files/Economic%20Value%20of%20Shale%20Dec%202011.pdf>

Unanswered Questions About the Economic Impact of Gas Drilling in the Marcellus Shale: Don't Jump to Conclusions; Jannette M. Barth, Ph.D.; JM Barth & Associates, Inc.; March 27, 2010.

“The unsupported assumption of a net economic benefit from gas drilling in the Marcellus Shale is largely based on anecdotal experience and studies from other gas producing states.”

<http://catskillcitizens.org/learnmore/bartheco.PDF>