CITIZEN CONCERNS

WHAT DO PEOPLE CARE ABOUT?
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HEADLINES SHOW CONCERN

Boom in gas drilling fuels contamination concerns
The Christian Science Monitor / February 5, 2009

Colorado's suburban homeowners face invasion of oil and gas wells
The Denver Post / July 17, 2011

Does Natural-Gas Drilling Endanger Water Supplies?
BusinessWeek, November 11, 2008

Drilling process causes water supply alarm
ProPublica, November 17, 2008

Fracking Moratorium Protects Environment
The Morning Call, July 16, 2011
Concern for drinking water safety

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Concern for the loss of water supply independence and self-sufficiency
CONCERN

If wells “go bad” connection to a utility supply may NOT be an acceptable option
Dimmock, PA November 2010
“Don’t want a pipeline!”
Concern for quality of stock water
Concern for recreational sport fishing
Concern for aquatic habitat
CONCERN FOR WILDLIFE WELFARE

Upper Green River, WY, January, 2010
Methane and hydraulic fracturing

Albany, NY, April 2011

The scientists confirmed their finding by comparing the dissolved gas chemistry of water samples to the gas chemistry profiles of shale-gas wells in the region, using data from the Pennsylvania Department of Environmental Protection.

Proceedings of National Academy of Sciences

www.pnas.org/cgi/doi/10.1073/pnas.1100682108 contamination of drinking water near gas-well drilling
CONCERN ABOUT TRAFFIC

Bradford County, PA
“I’m not an activist, an alarmist, a Democrat, environmentalist or anything like that,” Mrs. Xxxx said. “I’m just a person who isn’t able to manage the health of my family because of all this drilling.”
CONCERN ABOUT VISUAL IMPACT ON LANDSCAPE

Roan Plateau Oil and gas drilling near the Roan Plateau.
(Photo/Ecoflight.info)
CONCERN: upward migrations in abandoned, (location unknown) oil and gas wells
CONCERN - OIL WELLS AND PIPELINES IMPACT ON THE ENVIRONMENT
CONCERN: Rock units often NOT like layer cakes

RISK: Upward fluid migration from pressure or induced recharge from dewatering
CONCERN ABOUT RADIUM

The New York Times, Published: February 26, 2011

Pennsylvania

149 wells tested
42 wells exceeded federal drinking water standard for radium.

Exceedence levels:

- 1500 times
- 250 times
- 20 times
CONCERN ABOUT PIPELINE SAFETY

Natural gas pipeline explosion occurred because of corrosion.
Sept 14th, 2008 near Appomattox, Virginia
CONCERN ABOUT POLITICAL PRESSURE

“Findings were altered because of pressure from the Office of Legal Counsel of the White House.”

“It was shameful,” Weston Wilson, the E.P.A. whistle-blower, said in a recent interview about the study. “... five of the seven members of that study’s peer review panel were current or former employees of the oil and gas industry.”

IAN URBINA, NY Times, Published: March 3, 2011
CONCERN ABOUT REGULATORY STAFF EXPERTISE AND WORKLOAD

Gas Drilling increase 41%

Regulatory Staff increase 9%

ProPublica, Dec. 30, 2009
The April 2010 Gulf accident was a PR disaster for energy industry claims of drilling safety.