



WHAT IS HYDRAULIC FRACTURING (FRACKING)?

HYDRAULIC FRACTURING IS A MEANS OF NATURAL GAS EXTRACTION EMPLOYED IN DEEP NATURAL GAS WELL DRILLING. ONCE A WELL IS DRILLED, MILLIONS OF GALLONS OF WATER, SAND AND UNDISCLOSED CHEMICALS ARE INJECTED, UNDER HIGH PRESSURE, INTO A WELL. FOR EACH FRACK, 80-300 TONS OF CHEMICALS MAY BE USED. PRESENTLY, THE NATURAL GAS INDUSTRY DOES NOT DISCLOSE THE CHEMICALS USED, BUT SCIENTISTS HAVE IDENTIFIED SEVERAL DANGEROUS COMPOUNDS, INCLUDING BENZENE AND METHANE.

[HTTP://WWW.GASLANDTHEMOVIE.COM/WHATS-FRACKING](http://www.gaslandthemovie.com/whats-fracking)



HEALTH EFFECTS

- NO STATE HAS ADEQUATE REGULATIONS ON DRILLING, THE DISPOSAL OF THE POLLUTED WATER, SOIL CONTAMINATION OR THE EFFECTS OF THE CONTAMINANTS ON HUMANS.
- HYDRAULIC FRACTURING FLUID CONTAINS GLYCOL ETHERS. THESE CHEMICALS HAVE BEEN KNOWN TO CAUSE NARCOSIS, PULMONARY EDEMA, AND SEVERE LIVER AND KIDNEY DAMAGE IN SHORT-TERM EXPOSURE AND MAY RESULT IN NEUROLOGICAL AND BLOOD EFFECTS, INCLUDING FATIGUE, NAUSEA, TREMOR, AND ANEMIA IN LONG-TERM EXPOSURE.
- CHILDREN ARE DISPROPORTIONATELY MORE EXPOSED TO THE TOXINS IN THE FLUIDS USED IN THE HYDRAULIC FRACTURING PROCESS BECAUSE THEIR BODIES ARE LESS ABLE TO METABOLIZE TOXIC SUBSTANCES.

[WWW.ECOWATCH.ORG](http://www.ecowatch.org)

FRACKING

WHAT IS HYDRAULIC FRACTURING?



WHY YOU SHOULD CARE

Jane Addams College of Social Work
Task Force on Fracking

ENVIRONMENTAL EFFECTS

- THERE IS MOUNTING EVIDENCE THAT LIVESTOCK EXPOSED TO CONTAMINATED WATER, PASTURES, OR POLLUTED AIR FROM FRACKING ARE DYING, BECOMING STERILE AND GIVING BIRTH TO OFFSPRING WITH DEFECTS.
- INCREASED SOIL ACIDITY AROUND OIL AND GAS PIPELINE REDUCES THE AVAILABLE NUTRIENTS FOR PLANTS, MAKING IT MORE DIFFICULT FOR HEALTHY FRUITS AND VEGETABLES TO GROW.

ALTERNATIVES

- OIL COMPANIES ARGUE THAT HYDRAULIC FRACTURING IS GOOD FOR THIS COUNTRY BECAUSE IT CREATES JOBS.
- INVESTING IN SAFER, GREENER ENERGY SOURCES WILL PROVIDE JOBS AND LIMIT THE HEALTH CONSEQUENCES OF ONLY USING NATURAL GAS.

HELP FIGHT FRACKING

WHO IS FIGHTING?

ILLINOIS SENATE BILL 3280 HAS BEEN INTRODUCED IN ORDER TO PROPERLY REGULATE FRACKING IN ILLINOIS.

THE BILL WOULD:

- REQUIRE COMPANIES TO DISCLOSE WHAT CHEMICALS THEY'RE USING
- CALL FOR THE FORMATION OF A TASK FORCE ON FRACKING.
- INSTATE A 2-YEAR MORATORIUM ON THE PRACTICE UNTIL THE EFFECTS OF FRACKING ARE UNDERSTOOD



JOIN US AT OUR FRACKING PANEL DISCUSSION!!

WHEN: THURSDAY NOVEMBER, 29 FROM 11AM-12:30PM

WHERE: DALEY LIBRARY- ROOM #1-470 (801 S. MORGAN ST.)

LIGHT REFRESHMENTS WILL BE SERVED!!

WHY YOU SHOULD FIGHT

A LACK OF REGULATION ON FRACKING VIOLATES THE IL CONSTITUTION WHICH STATES:

“EACH PERSON HAS THE RIGHT TO A HEALTHFUL ENVIRONMENT... [AND IT IS THE] DUTY OF EACH PERSON TO MAINTAIN A HEALTHFUL ENVIRONMENT FOR THE BENEFIT OF THIS AND FUTURE GENERATIONS”

FRACKING IS EXEMPT FROM FEDERAL STANDARDS PUT IN PLACE BY THE SAFE DRINKING WATER ACT. THIS LACK OF REGULATION WILL AFFECT ILLINOIS AND ITS CITIZENS.

HOW DO I FIGHT?

CHECK OUT OUR BLOG AND SIGN A PETITION TO PUT A MORATORIUM ON FRACKING UNTIL 2013 AT [HTTP://](http://frackthisblog.wordpress.com/)

[FRACKTHISBLOG.WORDPRESS.COM/](http://frackthisblog.wordpress.com/)



[HTTPS://DONTFRACTUREILLINIOS.ORG](https://dontfractureillinois.org)

