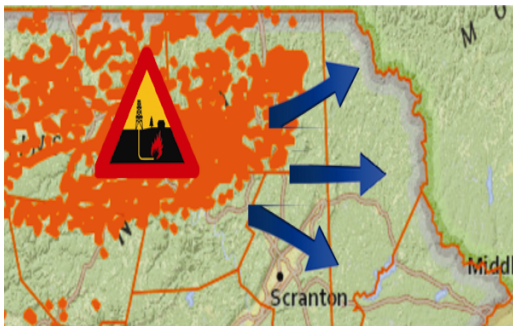


You are DCS

*The pristine beauty of the Delaware River Basin is never quite as evocative as during the holiday season. The stark beauty is not marred with gas or oil wells. The health and character of our communities remain unspoiled **only because of community-supported advocacy.***

Damascus Citizens for Sustainability (DCS) is this area's leading advocate on this issue. From our **challenge and defeat of attempted "test" wells** to baseline methane testing that preceded a major pullout by industry leaseholders in the Marcellus Shale, our actions have been key. DCS continues to be the source for the supporting science that fueled New York State groups to action. The next challenge is tackling the fracking waste being dumped in New York - liquids on roads and solids in landfills - all health hazards.

Only with continuing advocacy can the persistent threat be kept at bay.



As this Fractracker.org map of current drilled wells shows, the devastation of drilling now ends at the border of the Delaware River Basin.

But as the industry is attempting to resume its march east, **DCS is responding by intervening in the court challenge** of the Delaware River Basin Commission's drilling moratorium. **The 2016 election** results mean that the federal voice on the DRBC, and federal regulation in general, may become less friendly. DCS is committed not only to defeat these challenges, but to push for a ban on drilling in the Delaware River Basin.

DCS takes action

Our legal, educational, methane measurement and health impacts **programs are unique, and continue to counter the oil and gas industry's** push for high-volume, unconventional gas drilling and infrastructure building. Knowledge is power, and DCS is a fountainhead of comprehensive, accurate scientific information for the public, policymakers and media alike. To learn more about our initiatives and successes, see the next page.

Your turn to act

[Please give generously](#) so that together, we can hold the line.

[...and be sure to sign and return your petition](#) (enclosed) before December 31, for DCS to deliver to the DRBC; we're requesting more permanent steps to keep drilling out of the Delaware River Basin.

Sincerely, and the happiest of winter seasons to you and yours from DCS,

B. Arrindell
Director, Damascus Citizens for Sustainability



DCS Director B. Arrindell discusses health impacts with Dr. Walter Tsou at a Pittsburgh fracking & health summit.

"You helped with my article on drilling health impacts more than a little!!! I'm immensely grateful to you. I'm just beginning to fight the good fight against fracking - You're on the side of the angels."

- Paul Solotaroff, Senior Writer, Rolling Stone and Men's Journal Magazines

2016 INITIATIVES AND SUCCESSES - AND HOW WE'VE MADE A DIFFERENCE

COMMUNITY

- This past year we have **extended assistance to over 40 communities in 9 states** - answering questions and sending information including detailed science so that communities have accurate information to counter gas-oil-infrastructure industry inaccuracies. By supplying grassroots groups with what they need—excellent reliable information, they can and do take it from there using effective community education to make wiser personal and land use decisions.
- DCS has been instrumental, since our inception in 2008, in **drawing attention to drilling and infrastructure health impacts**. This past year we sent out hundreds of packets of health impact information to people, policy makers, media and medical personnel. NY banned fracking because of health impacts, and this fall Dr. Walter Tsou led the the Pennsylvania Medical Society's 300-member House of Delegates in unanimous approval of a resolution calling for a fracking moratorium in PA, joining NY medical societies recognizing fracking's dangers.
- Thousands of our award winning posters have been distributed to areas where there is drilling, frac sand mining, and infrastructure. We continue to get letters of appreciation expressive of both the impact made by high quality information, attractively presented and our efforts **responding to the need for this information**.

LEGAL

- **Intervened** in the Wayne Land and Mineral Group's lawsuit challenging the DRBC's right to regulate gas well pads as projects in the Delaware River Basin. By defending the DRBC we are protecting our water and health.
- **Intervened** in Tennessee Pipeline's attempt to illegally segment its newest expansion running from PA into NY. This will hopefully curb the infrastructure industry's current rampant disregard for federal, state and local laws.
- **Keeping** the Delaware River Basin Commission, whose mandate is to protect the river, from rushing to the lowest common denominator of regulatory protection via its "One process, one permit" proposal and working for a ban on all gas/oil drilling in the Delaware River Basin. Clarifying and strengthening these rules protects us all.
- **Compelling** the EPA and states to protect their citizens near oil and gas activities and infrastructure from the health and environmental impacts, as required under federal regulations, state laws and constitutions.
- **Assisting** communities with specific legal details that help them stay in front of an aggressive industry.
- These legal actions and clear, detailed comments (to projects, and proposals before DRBC, EPA, PA DEP, NY DEC and others) and visits with policy makers and media are the work of our attorney, Mr. Jeff Zimmerman.

SURVEY

- **Officially recording the experiences** of those who have suffered from drilling and other activities by assisting them in filling out our Health & Community Impacts Survey, and compelling the Agency for Toxic Substances and Disease Registry (part of the federal Department of Health) to investigate the impacts they report.

METHANE

- Performing **more ground-level measurements** of ambient methane, to provide a scientific basis for measuring the impact of drilling-related activities, showing how damage once done is continuing, and to provide a means of measuring methane emissions rates to show the true impact of gas. Natural gas is over 90% methane, and it leaks! In the last year we have done considerable work publicizing our methane baselines, response to events, measuring geological leakage of methane post drilling and fugitive methane emissions (distribution and end user). We have been able with this work to contribute toward proving the numbers do not add up - showing that gas is having a large negative effect on local communities and the global climate.
- **DCS has two peer-reviewed papers** - one published, on how ground-level measurements can be used to calculate an emissions rate using examples from our NYC measurements and reports and the second about to be, on the measured emissions around compressor stations.

AND

- Working to TRANSITION TO A FOSSIL-FUEL-FREE FUTURE, by **educating about renewable energy**, affordable efficiency, new technology and better ways of energy functioning.

Please make a contribution today!
USE PayPal /Credit Card via the DONATE BUTTON on
www.DamascusCitizens.org

Or send a check to: DCS • P.O.Box 147• Milanville, PA 18443