

Dan Garrett

From: Nathalie Worth <nathalington@gmail.com>
Sent: Monday, January 21, 2019 2:10 PM
To: Dan Garrett
Subject: [Ext] Fwd: Do you intend to Zone for Fracking?

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Dear Mr. Garrett,

I read letters addressing this issue and mine was not among them. I'm sending it along to you to make sure my voice is heard. This is a very concerning issue.

Thank you,
Nathalie Worthington

----- Forwarded message -----

From: Nathalie Worth <nathalington@gmail.com>
Date: Fri, Jan 18, 2019 at 10:07 AM
Subject: Do you intend to Zone for Fracking?
To: <karen.howard@chathamnc.org>, <mike.dasher@chathamnc.org>, <diana.hales@chathamnc.org>, <james.crawford@chathamnc.org>, <walter.petty@chathamnc.org>

Greetings to my County Commissioners,

Greetings from a property owner, but more importantly, a person who appreciates and respects the quality of air, soil, and water needed to sustain biological life! The issue of fracking has been circling like a bomb ready to explode on our community at any moment and we've held it off so far, and in several instances, thanks to your careful leadership.

But now you think we are addressing its dangers by framing zoning ordinances. Even if "power" to ban fracking hasn't been granted to local government, it must be assumed in order to protect the citizens.

Fracking must be banned and denied by local government. There's so much research and our natural resources are at risk with absolutely no benefit to the local communities and environment who would be sacrificed for the gain of oil and gas companies. The research is plentiful and of scientific rigor.

Just one of the many negative impacts of fracking: The well casings for frack wells are a source of contaminants reaching our aquifer, which in this area of the country is not very deep, and is recharged mostly from rainfall therefore leaching through layers of soil and rock; a thousand-year process and one that counts on uncontaminated soil and rock! Can we take millions and millions of gallons of our fresh water out of the hydro cycle when it is already heavily over burdened by current development demand? Are we to count on the integrity of well casings to last indefinitely? (The same goes for pipelines) They are shown to crack within the first 10 years. Here's a video -- Dr. Ingraffea Discusses Gas Well Construction and Hydrofracking

https://www.youtube.com/watch?v=N60hcRzAK_0

To sum it up, a paragraph from the Fayetteville Observer: "We know about the project's economic pitfalls, how gas creates the fewest jobs of any energy source, the billions of dollars it will siphon out of the state just to keep the lights

on. But overlooked is how gas is unduly expensive per kilowatt hour. Solar energy — with 24/7 grid-scale battery backup, without subsidies, has been cheaper than gas in North Carolina since at least 2015."

Please keep fracking away from our communities and natural resources.

We're counting on your strong leadership to stand up for the local area you represent. I appreciate your time reading this and leading us forward in sustainability.

Regards,
Nathalie Worthington
Pittsboro, NC 27312