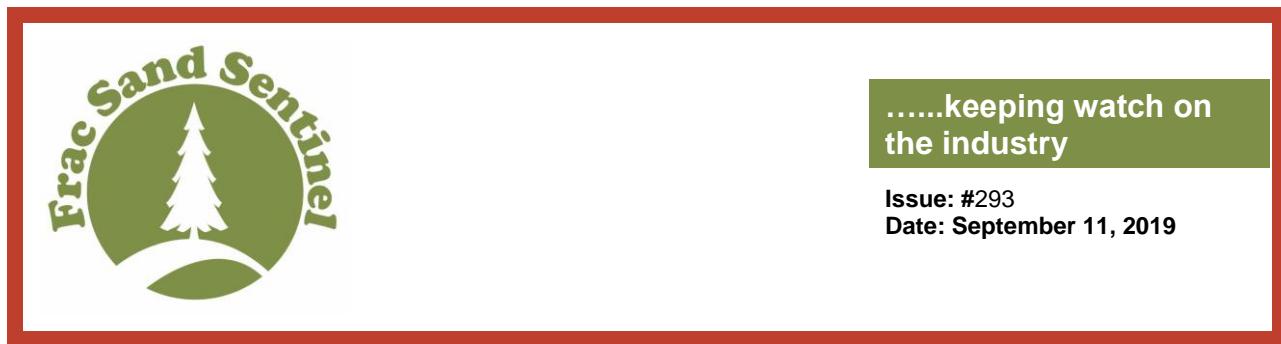


Methane is creating serious problems and we are in a climate crisis as a result.



**"New research by a scientist at Cornell University
warns that the fracking boom in the U.S.
and Canada over the past decade is largely to
blame for a large rise in methane in the
Earth's atmosphere—and that reducing emissions**

**of the extremely potent greenhouse
gas is crucial to help stem the international climate
crisis.**

**Professor Robert Howarth examined hydraulic
fracturing, or fracking, over the past
several decades, noting the fracking boom that
has taken place since the first years of the
21st century. Between 2005 and 2015, fracking
went from producing 31 billion cubic
meters of shale gas per year to producing 435
billion cubic meters.**

**Nearly 90 percent of that fracking took place in the
U.S., while about 10 percent was done
in Canada." Common Dreams 8-14-2019**

- Read more [HERE](#)

The actual scientific report from Dr. Howarth is at

this location: The Howarth Study

**When is the time to stop hydraulic fracturing and
the mining of frac sand? This information tells us**

the time is NOW, not later!

Patricia Popple 715-723-6398 sunnyday5@charter.net

Welcome to the Frac Sand Sentinel, a newsletter highlighting resource links, news media accounts, blog posts, correspondence, observations and opinions gathered regarding local actions on, and impacts of, the developing frac sand mining and processing industries.

The content of this newsletter is for informational purposes only. The editor of the Frac Sand Sentinel does not accept any responsibility or liability for the use or misuse of the content of this newsletter or reliance by any persons on the newsletters contents.

CHECK OUT THE WEBSITE: CCC-WIS.COM and for additional information, click here for panoramic aerial views of frac sand mines, processing plants, and trans-load facilities. FracTracker.org is also an excellent source of information.

Other photo views from Frac Tracker and Ted Auch:

<https://photos.google.com/share/AF1QipMBH0IPvdw19EsuZGAdUEFdgiSv->

[TPbcKPj8HxJlp!FoYxR8M5dVvwr5B9XoeZeg?key=R083U19FaGx6T3dBWXFSV2VEaVVReEIFZWg4RXhB](#)

https://www.youtube.com/watch?v=2KAhlsPX2M4&list=PL3jKN5u7SXNRHAc363kkd45Fe_ImasyXt

<https://drive.google.com/drive/folders/1W7x9WOARu3ZePVaKZzIdSrP0FI5UGmSY>

Ground truthing trips from September, 2018:

(<https://drive.google.com/open?id=1W7x9WOARu3ZePVaKZzIdSrP0FI5UGmSY>)

July, 2018: (https://drive.google.com/open?id=12zgH6GNNUSH7RODP_TbtBkUHAItSH02p)

Aerial photo tour includes the blasting event caught in Hixton, Wisconsin:

https://drive.google.com/open?id=1pE-t0TIJk_vMIDB3Iz0tFBTXAMDI9snh