

Information below will give you some background information you will not want to miss in a very easily written format. There are 3 different sites to look at so be sure to click on each one.



*.....keeping watch on
the industry*

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At this time, many frac sand mines and their facilities either are lying idle, are being blasted by dynamite to reclaim areas, or have trucks running in and out of the various facilities hauling fill or loads of silica in or out of the area. Trains are

carrying loads of silica from the various counties in northwest Wisconsin as evidenced by the many traveling around the state to hubs (Sparta/Altoona/Chippewa Falls) or to the various sites out of the state where hydraulic fracturing is being done. Very few are immune from the contamination being produced in the industry.

Increasingly we hear more about water and air pollution. The focus of Project Outreach has been on air pollution and particularly as it relates to frac sand mining in Northwestern Wisconsin. With grants, Dr. Crispin Pierce and his interns and students have installed many Purple Air Monitors to measure fine particulate matter in locations where frac sand mines and other frac sand related facilities are located. If you are located in close proximity to one of these frac sand industries, think about becoming a "Citizen Scientist" by having a FREE Purple Air Monitor installed near your living or business locations...or you can ask your local school or library to also become a participant. Collecting data can become a learning experience for the family or learners who want to know more.

Research in air quality is active at UW-EC, and it is also intensively being implemented at other universities in the country. Living a long healthy

life has been of concern, but scientists find that longevity is affected by air pollutants. Smog, smoke, lakebeds, and respirable crystalline silica dust from frac sand facilities including trucks and trains are some of the sources. Frac sand extraction involves mining, processing (crushing and cleaning) and the transport of a known carcinogenic substance known as silica.

Discover Magazine (Feb. 2021) and Nancy Averett have printed an article entitled "Killer Pollution". You will find the remarkably interesting narrative: [at this location](#)

Additional analysis of data in an easy-to-read format is available

[at this site](#)

[Here](#) you will find information on health care savings, land usage, average energy costs in 2050, and Money in your Pocket which are the result of the analysis made using the data available.

You might want to take a look at the data to try and convince a few people not aware of the problems associated with air quality to realize that their lives and longevity depend upon clean air!! Healthy lives from infancy to old age depend upon clean air.

Please write or call if you would like additional information on volunteering to position a Purple Air Monitor on your property.

Take ACTION now as the grant money for the Purple Air Monitors must be accounted for before August 31 of this year.

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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 newsletter's contents.

CHECK OUT THE WEBSITE: wisair.wordpress.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.