



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

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**Frac sand  
mines are  
open to wind  
and water  
erosion. We  
not only lose  
our precious  
minerals and**

**soil, but concerns for health issues of those  
people who live near by frac sand facilities  
raise scientific concerns that can be studied  
using the appropriate research equipment and  
available locations for that research.**

**Recently I received a calendar for 2021 from  
the University of Wisconsin-Eau Claire**

**Foundation. It wasn't until a second calendar was sent with a note attached which prompted me to check out the December, 2021, calendar page. I was thoroughly delighted to view Frac Sand Sentinel followers and others acknowledged for their donations as well as for their participation and citizen science work throughout the years to encourage further scientific study of air quality and environmental issues arising out a persisting issue about an industry that contributes particulates on a regular basis to at least 22 counties if not more as they work and travel with their product throughout NW Wisconsin.**

**Here is the Acknowledgement:**

***DONATIONS SUPPORT ENVIRONMENTAL  
PUBLIC HEALTH EFFORTS***

***Recent financial support for ongoing research in environmental public health helped the project reach a milestone total of \$100,000 in donations since the work began in 2013.***

***Collaborative undergraduate-faculty research led by Dr. Crispin Pierce, a professor of environmental public health in the Watershed Institute, the Frac Sand Project is outreach***

***designed to educate and support Native American populations, Indigenous, rural and urban people about potential health risks of air-borne silica particles in approximately 22 counties where frac sand is produced in Wisconsin.***

***In 2019, the project received \$25,000 from the Frac Sand Sentinel grant[Project Outreach], funding that aided in the purchase of additional air monitors for use in western Wisconsin and intern funding for the student research team. "The mining of 100 million tons of sand per year in the state for hydraulic fracturing has brought widespread concerns about air quality. This research seeks to address the lack of airborne particulate monitoring data of industrial silica sand facilities, and conveys unbiased health risk estimates to concerned citizens, industry officials, and the Department of Natural Resources," Pierce says.***

***Student research Reggie Eggen, a senior environmental public health major from Chippewa Falls, has found the personal connection made with concerned citizens to be a fulfilling aspect of this work.***

***"This research experience has given me fuller understanding of our role as environmental public health professionals within communities, which is to provide objective information about potential health risks so that community members and decision-makers are well informed," Eggen says. "Our experiences with the community members about their concerns have been my favorite moments."\*\****

***"I acknowledge that the University of Wisconsin-Eau Claire occupies the sacred and ancestral lands of Indigenous Peoples. I honor the land of the Ojibwe and Dakota Nations." Kimera Way, Executive Director of the UW-EC Foundation***

**\*\*The calendar statement was written before another grant of "\$8000.00 came through about November 1, 2020, from The Fracking Fund of the New World Foundation for "Covid-19 relief". It is anticipated that with this relief and an opportunity to "rethink" the Outreach idea using critical and creative thinking skills, the Project Outreach team will be able to reach even more people as we move forward over this next year to share findings, to build skills, to install Purple Air Monitors more safely, and to educate others about the continuing aggravations posed to people and other life forms that must have clean air to breath and to be healthy! PJP**

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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 newsletters contents.*

***CHECK OUT THE WEBSITE: [CCC-WIS.COM](http://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](http://FracTracker.org) is also an excellent source of information.***