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| Logo  Description automatically generated |

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| ***......keeping watch on the industry*** |
| **Issue: #418** **Date: July 21, 2022**  |

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|  | Shape  Description automatically generated with low confidence |  |

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| A picture containing text, grass  Description automatically generated |
| **Photo by M. Kenosian****FRAC SAND: Midwest farmland is being** [irreversibly altered](https://r20.rs6.net/tn.jsp?f=001_zjmMF2fJJIfh3DeTSsi6qRPTDw8yyKYnQ8Lw5BJ3GmiAPgoOGbIrxjnLxXYKe8DlAuzRMOmKHcLKjMEmauq5NzwyYn6VHAltNP3CtoJUPxiCE5oS8DeUkVDOA6IOhpgLCcz8fW6GzDhxwlyQD88zxAadCb-OC1oHjweUZaSKxk1JheqBp-Hp1rHsr2dJ-hYlXzGiMuEG9zYDULY_AsYZTKrPd4y2hkxcgBxxcg1Ow6vANLd96-n1uvnWqyhrElIWvj6iF4R4wFwxbFCYCdNCA==&c=k1GdUFKtNpRAhrHrGn-w9n1rViE79z1cW4aNKJCeJPTeSfaDr01M5A==&ch=dAKi82MoPoFFhFGjtU4IssXvhL_31rWgUogymbrNz1RHQ1XZRbkDiQ==) **for silica sand mining, providing a key ingredient in the hydraulic fracturing process. (Civil Eats)** **Excellent article includes Jackson County experience.****Dwight Swenson from the Hixton, WI area and Dr. Crispin Pierce, UW-EC Environmental and Health Department are both mentioned in this article. Their experiences with frac sand mining, air quality issues are mentioned. Click on the link above in red to read the entire report by an outstanding journalist, Lisa Held.****﻿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 newsletter's contents.*** |

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| ***CHECK OUT THE WEBSITE:*** [***wisair.wordpress.com***](https://r20.rs6.net/tn.jsp?f=001_zjmMF2fJJIfh3DeTSsi6qRPTDw8yyKYnQ8Lw5BJ3GmiAPgoOGbIr73D1u4WAOXgVDVdhatVsCZS9i8Euj67MchYkRR5xERmRQUIZGtf-noGFU12TyD7iWztdCXEIkOBpsBOFCzceLMUPkcR4e2PjA==&c=k1GdUFKtNpRAhrHrGn-w9n1rViE79z1cW4aNKJCeJPTeSfaDr01M5A==&ch=dAKi82MoPoFFhFGjtU4IssXvhL_31rWgUogymbrNz1RHQ1XZRbkDiQ==) ***and for additional information,*** [***click here***](https://r20.rs6.net/tn.jsp?f=001_zjmMF2fJJIfh3DeTSsi6qRPTDw8yyKYnQ8Lw5BJ3GmiAPgoOGbIr1kx76yEM1cf_-wRV0G348Q4gE0JqggbNplQguESHKOaHRJeW52PV8KDXztI6XJsXuS4iwnT3PGTVDZkQI3OKBg=&c=k1GdUFKtNpRAhrHrGn-w9n1rViE79z1cW4aNKJCeJPTeSfaDr01M5A==&ch=dAKi82MoPoFFhFGjtU4IssXvhL_31rWgUogymbrNz1RHQ1XZRbkDiQ==) ***for panoramic aerial views of frac sand mines, processing plants, and trans-load facilities.*** [***FracTracker.org***](https://r20.rs6.net/tn.jsp?f=001_zjmMF2fJJIfh3DeTSsi6qRPTDw8yyKYnQ8Lw5BJ3GmiAPgoOGbIr73D1u4WAOXgicYEwrjRZv1XNNTr6EM6A6dIMnm5zORuKnoJAJY5fTjblofZE3EL18DyhP6WuHNykqo40Oplo1KMX1aolXvZQw==&c=k1GdUFKtNpRAhrHrGn-w9n1rViE79z1cW4aNKJCeJPTeSfaDr01M5A==&ch=dAKi82MoPoFFhFGjtU4IssXvhL_31rWgUogymbrNz1RHQ1XZRbkDiQ==)***is also an excellent source of information and a picture source.***  |

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