

34 MILLION GALLONS

OF UNTREATED HOG SEWAGE FROM CAFOS Will Be Spread in Jefferson County This Year¹



SCIENTIFIC RESEARCH FINDS:

- Untreated hog sewage from factory farms contains over 300 toxins² including antibiotic-resistant bacteria, viruses, E. coli, Salmonella, parasites, antibiotics, hormones, nitrate, hydrogen sulfide, ammonia, and more.³
- Living near fields where raw hog sewage is applied increases your risk of contracting MRSA, an antibiotic-resistant infection that kills more people every year than AIDS.⁴
- 34 million gallons of manure is equal to the waste generated by 216,000 people - a city the size of Des Moines.⁵

**Is this what you want for you and
your children in Jefferson County?**

Learn more at www.jfaniowa.org/hog_waste.aspx

1. Iowa Department of Natural Resources Manure Management Plans for Jefferson County CAFOs, 2015 figures.
2. *Effect of Anaerobic Dairy Manure Co-Digestion And Effluent Solid Separation on Volatile Fatty Acids During Manure Storage*. Purdue University, 2013.
3. *Literature Review of Contaminants in Livestock and Poultry Manure and Implications for Water Quality*. United States EPA, July 2013.
4. *National Burden of Invasive Methicillin-Resistant Staphylococcus aureus Infections, United States*. 2011. Centers for Disease Control and Prevention and twelve other research organizations, 2011.
5. *Human Versus Animals - Comparison of Waste Properties*. Ridgetown College, University of Guelph, July 4, 2001.