

Dear Senator Miner, Senator Kennedy, Representative Demicco and distinguished members of the committee,

I am writing today with my support for Senate Bill 103: "An Act Concerning Hydraulic Fracturing Waste in CT".

As a resident of Hebron, which passed a town ban on fracking waste in 2017, I believe it is critical for our State Legislature to follow with a state wide ban that will protect all citizens. A united front will send a clear message to those that wish to use Connecticut as a dumping ground for their own short term gain and profit.

The negative health effects of fracking waste are well documented. The important concerns with the exposure to fracking waste are clearly addressed in a Yale School of Public Health study published in "The Journal of Exposure Science and Environmental and Epidemiology" on January 6, 2016. A report on the study can be found at:

HYPERLINK "<https://news.yale.edu/2016/01/06/toxins-found-fracking-fluids-and-wastewater-study-shows>"<https://news.yale.edu/2016/01/06/toxins-found-fracking-fluids>

And the Journal study can be found at:

<https://www.nature.com/articles/jes201581>

According to the report, "In an analysis of more than 1,000 chemicals in fluids used in and created by hydraulic fracturing (fracking), Yale School of Public Health researchers found that many of the substances have been linked to reproductive and developmental health problems... the team members analyzed 240 substances and concluded that 157 of them — chemicals such as arsenic, benzene, cadmium, lead, formaldehyde, chlorine, and mercury — were associated with

either developmental or reproductive toxicity. Of these, 67 chemicals were of particular concern because they had an existing federal health-based standard or guideline, said the scientists..." While there are over 700 additional chemicals not classified in the study, the presence of 157 different toxic chemicals alone should support a strong and clear ban on fracking waste in Connecticut.

Thank you for your careful consideration and please support Senate Bill 103.

Sincerely,

Kevin J. Tulumieri

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