

## OPPOSITION TO SB 47

To: Connie Burns <Connie.Burns@senate.ks.gov> (785) 296-7476, chair Sen. Renee Erikson and members of the Senate Committee of Commerce

My name is Kent W. Rowe and my address is 3353 N 159th St. E. Wichita, KS 67228 <harkglider@yahoo.com>. I served a term of Mayor for Longton, Kansas prior to moving to the above address.

Ty Masterson is my senator & Patrick Penn is my representative.

I wish to testify in person Jan. 31, 2023 @10:30am Rm. 546-S.

**SB 47**, as read, is tantamount to **public health in reverse**. Peer-reviewed scientific disciplines (Particle & Fibre Toxicology) and others continue to amass compelling evidence relating to **pathologies** associated with ingestion, adsorption, and inhalation of PET, PE, PVC, PP, PS, PUR-plastics in the workplace, human environment, as well as land & aquatic habitats.

**SB 47**, as read, **fails to consider differences** in pathologies from **one population to the next**. Epidemiological records in certain communities may vary in the amount of exposure to harmful plastics & polymers. For example, consumption of fish can be greater in some communities thereby leading one population to acquire higher burdens of toxic microplastics than others. Fine particles in drinking water may be greater in some communities compared to its cohort neighbors' bioaccumulation.

Illnesses such as local inflammation, oxidative stress, metabolic disruption, gastro-intestinal toxicology, hepatic dysfunction, reproduction disorders, and neurotoxic effects may emerge more predominate in certain localities due to increased exposure to plastic micro-particles.

Detectable levels of microplastics now is now found in **mother's milk** and **placenta** employing FTIR (Fourier-Transformed Infrared Spectroscopy). Human ingestion is now estimated to be greater than 50,000 particles per year (bottled water). Deposition in gut, liver, and testes is found to be 0.06 mg/Kg/day via drinking water.

**High-risk communities** must be allowed discretion to limit, reduce, or ban harmful materials as per Chapter 65-article 6, 34,-Public Health Statute for the State of Kansas.

**Vote NO on SB 47.**