February 9, 2026

New Hampshire House of Representatives
Committee on Environment and Agriculture
107 North Main Street
Concord, New Hampshire

RE: HB 1275 & the Public Health Crisis from Land-Applied Sewage Sludge

Dear Honorable Members of New Hampshire House Committee on Environment and Agriculture:

Thank you for the opportunity to submit comments in support of HB 1275.

Mission503 is an Oklahoma-based nonprofit with the mission to end land-disposal of sewage sludge and lead the way to national infrastructure solutions dedicated to the safe and proper disposal of sewage solids. We can be found at www.Mission503.org.

The first order of change must be land application.

Sewage sludge is not fertilizer. It is toxic and pathogenic hazardous waste.

The negative impact on public health from land-application is measurable.

The exposure to viable pathogens, antibiotic resistant pathogens, as well as toxic chemicals classified as carcinogens, neurotoxins, endocrine disruptors, mutagens and teratogens, from land application, is also measurable.

Because I personally lived in a community for many years where land application occurred, and my family suffered greatly, we were inspired to research and study deeply. These are just some of the health outcomes of that community impacted by chronic exposure to land-applied sewage sludge:

- 54% greater risk of **breast cancer**
- 726% greater risk of **bone cancer**
- 221% greater risk of **myeloid leukemia**
- 306% greater risk of **congenital anomalies of the limbs**
- 234% greater risk of **dementias**
- 74% greater risk of **viral infections**
- 413% greater risk of **schizophrenic disorders**
- Plus, 120+ more diagnoses, like lung and heart disease, mental health disorders, reproductive disorders, GI disorders, infections, and many, many more.

Please see the data on the following table that demonstrates only some of the viable pathogens and chemicals we've detected in air studies from land-applied sewage sludge, and the relative risk of disease in the community:

Examples: Airborne Pollutant Exposure vs Community Health Risk*			
Pollutants Detected[1]	Known Health Risks[2]	Community Diagnoses[3]	Relative Risk[4]
Benzene(s)	Bone Cancer Myeloid Leukemia	Bone Cancer Myeloid Leukemia	7.25x 2.21x
Dioxin/Furan/Dioxin-like PCBs (note: 140+ congeners identified in sewage solids)	Thyroid Disease Kidney Disease Trachea, Bronchus, Lung Cancer Ischemic Heart Disease Diabetes Mellitus	Disorders of Thyroid Acute Kidney Failure Trachea, Bronchus, Lung Cancer Ischemic Heart Disease Diabetes Mellitus	2.14x 33% 13% 34% 31%
100+ VOCs/SVOCs	Cancer (incl Breast Cancer) Mutagenic Central Nervous System Damage Neurotoxic	Breast Cancer Other Birth Defects of Limbs Recurrent Seizures Other Depressive Disorder Schizophrenic Disorders	54% 3.06x 2.02x 27% 4.13x
30 Metals Mercury, Lead, Arsenic, Tin, Aluminum, Cadmium, Uranium, Antimony, Manganese, plus others	Mental Health Disorders Erectile Dysfunction	Dementias Other Depressive Disorder Mood Disorders Delusional Disorders Mild Intellectual Disabilities Personality Disorders Persistent Mental Disorders Disorders of the Penis	2.34x 27% 67% 2.32x 2.38x 79% 2.16x 87%
Iodine	Respiratory, GI, Thyroid Issues	Disorders of Thyroid	2.14x
Human Pathogens (Staph, Strep, Norovirus, Crypto)	Human Infection	Unspecified bacT Infections Viral Infections Intestinal Infections - Other Organisms	28% 74% 47%

*Supporting documents publicaly available at www.Mission503.org, including protocols for hospital discharge diagnosis data.

[1] Pollutants detected in various air studies of sludge and community impacted by sludge.

[2] Various sources utillized, including but not limited to ATSDR, NIH, CDC, Psychiatry and other Medical literature. Health Risks identified do not represent all health risks associated to exposure to these pollutants.

[3] Some diagnoses names have been abbreviated for formatting/spacing.

[4] These are relative risk vs State of Oklahoma for studied community.

We ask you to consider this: Would you want your city's sewage next to your home, or your child's playground at school? I can promise you, you would not. If that is the case, you must take all action necessary to stop land-applying sewage sludge anywhere. HB 1275 is a good place to start.

Please watch our recently released video Open Letter to POTUS, Sec'y Kennedy and the American People, linked below, demonstrating the harm to communities. Land applying sewage is spreading sickness, disease and suffering among American families.

https://youtu.be/AnbilmHxyGE?si=CAkH0KC03ZapUQyX

You can find our research and all supporting documents on our website, at:
https://mission503.org/

I welcome questions.

Sincerely,

Mom on a Mission503,

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