

Name: Ernest Grolimund

Title: co founder

Organization: Coalition Against Wood Burning Pollution

County: Out of State

Case Law says when safe alternatives exist, dangerous heating equipment shall not be used. Uncertified wood burning equipment violates pm stds and new science on safe doses. Modeling and monitoring of regional pm, city pm, and hotspot pollution in the eddy currents of houses show this. But gov does not check this. Gov. doesn't check to see if BACT meets pm stds and other stds. High law such as constitutional rights to life and health are ignored while low law such as grandfather rules are followed or pm stds alone. New science shows 180 mcg/m<sup>3</sup>,hr wood smoke pm<sub>2.5</sub> is the safe dose but dose is not even considered. Only 24 hr pm<sub>2.5</sub> conc is considered if anything is and even that is disregarded. Regional pm<sub>2.5</sub> is 25mcg/m<sup>3</sup>+/. City pm is 50 mcg/m<sup>3</sup> (NYSERDA and EPA design ave). Hotspot pm at houses in eddy currents is 75 mcg/m<sup>3</sup>+/, 24 hr ave. 3 hr ave is 175 mcg/m<sup>3</sup> or more. 300 mcg/m<sup>3</sup>, 1 hr ave by Berkeley modeling and ME DEP modeling of stoves and fireplaces. Owb's monitored at 80 mcg/m<sup>3</sup> pm to 160 mcg/m<sup>3</sup> and up to 300 mcg/m<sup>3</sup>, 3 hr ave with 5 min spikes at 1,000 - 2,000 mcg/m<sup>3</sup> or more (EHHI Inc). Visible smoke ignored. Smell ignored. Houses, cities photographed engulfed in wood smoke. Carbon Black Soot warming not considered. Money over health illegal. Golden Rule and Const ignored. Pm stds violated at hotspots and ambient monitor system does not show this. NY can't handle oil and gas pm. So wood pm should be made to be equal or better than oil. Gas conversion should be done. Insulation, super insulation, passive solar should be promoted, not wood. Wood gasification boilers only should be allowed with EGR, extended oxidation control of pm. Future pm stds should be estimated, met. Apply safety factors. Most wood burning is dangerous, therefore illegal. Gasify. See Internatioanal Coalition Against Wood Burning Pollution.

Contact: Please contact me

Other and Alternate Fuels, Climate Change, Environmental Impacts, Health, Environmental Justice