

Episode 45 Comment to the U S White House *Climate and Environmental Justice Economic Impact Briefing* on Friday, November 4, 2022 at 11:30 AM Central Standard Time

Comment from Residents Against Wood Smoke Emission Particulates

Biomass (wood) Burning subsidies were ended in the European Union in September. Drax wood burning facility subsidies in the U K are being questioned after a recent Panorama documentary was aired, showing the needless destruction of British Columbian primary forests to feed the polluting wood burning industry that contributes to climate change. Similar destruction is happening in the US South and there is Environmental Racism, as pointed out by the Dogwood Alliance and others, in the placing of wood pellet factories which feed the wood burning industry of Drax in the U K. The primitive and polluting conditions imposed on Ukrainian citizens forced to heat with wood demonstrates the detrimental health effects of wood burning. Around the world, in hyper-localized areas residential wood burning is the source of particulate pollution to near neighbors. 90% of wood smoke is PM 2.5, particulate matter of 2.5 micrometer size, is the perfect size to infiltrate the human lung, causing a cascade of human health problems. Residential PM 2.5 monitors can be purchased by neighbors from PurpleAir for less than \$300, and their locations are put on the online PurpleAir Map, along with data uploaded every 10 minutes, available to the general public, and of course to governmental authorities. Neighbors of Residential Wood Burners would like their PurpleAir PM 2.5 monitor data to be used to regulate and shut down Residential Wood Burning detected at neighbors' fence lines that exceeds the World Health Organization (W H O) standards of 5 micrograms per meter cubed or future US standards of 8 micrograms per meter cubed. There could even be court-ordered monitoring using a neighbor-owned PurpleAir PM 2.5 monitor as a "breathalyzer" (similar to car breathalyzers court ordered for repeat drunk drivers) to turn off the ignition of a neighboring indoor wood stove when levels of PM 2.5 in a near neighbor's yard is exceeded. In this way governmental authorities would not have to check the make and model of an appliance and would not have to rely on unreliable certification and other worthless assurances of levels of wood stove particulate emissions by the company that manufactured the wood stove. PurpleAir monitors also provide data every 10 minutes 24 hours a day, and data can be downloaded from the map by governmental authorities the day after the PM 2.5 levels are exceeded, during normal government working hours. PurpleAir PM 2.5 monitors are so reliable and accurate they are put on U S AirNow Smoke and Fire maps alongside \$100,000 Environmental Protection Agency (E P A) monitors, correlated to the EPA monitors with a simple mathematical formula. But to publicize this, it is necessary to point out that living hyper-localized next to a residential wood burner is essentially the same as living hyper-localized next to a PM 2.5 emitting wood burning wildfire or next to a PM 2.5 emitting industrial biomass (wood) burning facility.

See <https://www.tiktok.com/@rawsepresidents>

Tiktok Episodes 44e & 44f

Episode 44e & 44f. October 19, 2022

Ep 44e Estonia, Germany, Haiti, India and Multnomah County Oregon

Ep 44f Rwanda and Utah