

## **Episode 56EHb. Monopoly Board. May 18, 2023. EndWoodSmokeMonopoly**

Brought to you by Residents Against Wood Smoke Emission Particulates (**RAWSEPresidents**)

<https://RAWSEPresidents.wordpress.com> videos on Youtube & podcasts on Spotify. More podcasts at: [podcasts.google.com](https://podcasts.google.com), Amazon Music Prime (free for Prime subscribers), Castbox, and PocketCast (only Pocketcast Phone App is free. PocketCast works on Apple phones). Most Residents Against Wood Smoke Emission Particulates are near neighbors of Residential indoor wood burners who burn for aesthetic reasons or ambience. Wood smoke is 90% PM2.5, particulate matter of 2.5 micrometer size, the perfect size to infiltrate the human lung, setting off a cascade of human health problems & early death. Contact, join [rawsepresidents@gmail.com](mailto:rawsepresidents@gmail.com)

**START** You have an indoor wood burning neighbor: take action to stop the pollution!

### **1)You start in the brown squares.**

You complain to your Health Department.

You purchase multiple air purifiers as wood smoke infiltrates your home.

Your Health Department does nothing.

You have your air ducts cleaned because of the PM2.5 buildup inside your home.

### **2)You arrive at the light blue squares.**

Your Neighbor's indoor wood stove is certified but highly polluting.

You purchase a PurpleAir PM2.5 monitor for \$249.

Your PM2.5 data as near neighbor of a wood burner is put on the online PurpleAir map.

### **3)You arrive at the purple squares.**

Your PM2.5 data can be seen by the General Public on PurpleAir maps.

Your PurpleAir PM2.5 data is put on U S EPA Airnow maps of smoke and fire.

Your PM2.5 data is correlated to \$100,000 EPA PM2.5 monitors with a simple mathematical formula.

### **4)You arrive at the orange squares.**

Your PM2.5 historic data is collected overnight and on weekends when wood burners may burn more.

Using your historic data on PM2.5 levels at your fenceline, evidence to show pollution from the wood stove is collected.

Your PM2.5 monitor data shows levels above E P A PM2.5 "safe" levels at your & your neighbor's fence line.

### **5)You arrive at the red squares.**

Laws or ordinances are passed by others using PM2.5 level data instead of certification as evidence of pollution from indoor wood stoves.

If no laws exist using PM2.5 levels as evidence of pollution, you start to contact the government to get laws passed.

You contact your local city alder and your local health department to get an ordinance passed to use PM2.5 data for wood stove shutdown.

### **6)You arrive at the yellow squares.**

You join your State Conservation Congress and submit a Citizen Natural Resources DNR Spring Hearing resolution.

Your citizen Conservation Congress resolution passes in your County with a few hundred votes.

You attend an American Lung Association Action Day at the State Capitol to talk to your State representatives.

You inform your State Senator and your State Assembly person that your Conservation Congress Resolution has passed on the County level.

### **7)You arrive at the green squares.**

You inform your State Senator and your State Assemblyperson that your Conservation Congress Resolution has passed on the County level but it requires legislation. You ask your State Senator & State Assemblyperson to sponsor a bill.

You have already testified in February 2023 at EPA hearings on lowering PM2.5 "safe" limits from 12 to 8 annually and from 35 to 25 daily (measured in micrograms per meter cubed of PM2.5).

### **8)You arrive at the dark blue squares.**

You help pass either a Federal, State law or a Local ordinance is passed that makes the pollution from your neighbor's wood stove illegal and your neighbor's wood stove is shut down and replaced by a Heat Pump that works at 40 below zero Fahrenheit subsidized by a Federal program like LIHEAP for low income individuals or by the American Lung Association or by an American Asthma Society.

You invest in solar panels for your home because you can breathe in your own backyard now.