

## Episode 56GW August 6, 2023. PM2.5MonopolyFree Game

**PM2.5MonopolyFree Game. Center of Game Board.** 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 and early deaths. Indoor Residential Wood Stove certification as “safe” using 2020 cord wood New Source Performance Standards (NSPS) set at 2 grams per hour, conflicts with levels of ambient PM2.5 over the 2023 Environmental Protection Agency (EPA) limit of 35 micrograms per cubic meter of “safe” National Ambient Air Quality Standards (NAAQS or N A A Q S) measured in yards of near neighbors of indoor residential wood burners. PM2.5 levels at a Neighbor’s yard 20 feet from a wood burner’s stack are 89.3% higher than EPA PM2.5 NAAQS “safe” limit & at a Neighbor’s yard 80 feet from a wood burner’s stack are 10.5% higher than EPA PM2.5 NAAQS “safe” limits. Wood smoke PM2.5 emissions are higher than the fossil fuel coal emissions, and 450 times PM2.5 emissions from natural gas burning.

Start at the Brown Squares: Wood Smoke Lane #1 & Wood Smoke Lane #2. Arrive at the Light Blue Squares: PM2.5 monitor #1, PM2.5 monitor #2, & PM2.5 monitor #3. Arrive at the Purple Squares: Neighbor complaint #1, Neighbor complaint #2, & Neighbor complaint #3. Arrive at the Orange Squares: Wood stove is Certified #1, Wood stove is Certified #2, & Wood stove is Certified #3. Arrive at the Red Squares: Certified (safe by) NSPS but (wood stove) is still polluting (above) NAAQS (in yards of near neighbors) #1, Certified (safe by) NSPS but (wood stove) is still polluting (above) NAAQS (in yards of near neighbors) #2, & Certified (safe by) NSPS but (wood stove) is still polluting (above) NAAQS (in yards of near neighbors) #3. Arrive at the Yellow Squares: Neighbor #1 NAAQS above limit is recognized by EPA (NAAQS) rule, Neighbor #2 NAAQS above limit is recognized by EPA (NAAQS) rule, & Neighbor #3 NAAQS above limit is recognized by EPA (NAAQS) rule. Arrive at the Green Squares: Wood Stove Certification ended (for wood burner who creates PM2.5 pollution affecting near Neighbor #1), Wood Stove Certification ended (for wood burner who creates PM2.5 pollution affecting near Neighbor #2) & Wood Stove Certification ended (for wood burner who creates PM2.5 pollution affecting near Neighbor #3). Arrive at the Dark Blue Squares Heat Pumps for Wood stove users arrive, & Heat Pumps for Neighbors #1. #2 & #3 arrive.

Emails of 10 Assistant Attorney Generals preparing to sue the EPA to provide clarity for indoor residential wood stove manufacturers, vendors and users. Instead, the assistant attorneys general should ask for a complaint based system in place of the failed wood stove certification program.

The states involved are Alaska, Illinois, Maryland, Massachusetts, Minnesota, New Jersey, New York, Oregon, Vermont, and Washington, as well as the Puget Sound Clean Air Agency. Contact emails for the 10 Assistant or Deputy Attorney Generals and a General Counsel are:

cody.doig@alaska.gov Alaska Senior Assistant Attorney General email (Cody Doig)

Jason.james@ilag.gov Illinois Assistant Attorney General email (Jason James)

Sgoldstein@oag.state.md.us Maryland Special Assistant Attorney General email (Steven Goldstein)

Turner.Smith@mass.gov Massachusetts Assistant Attorney General email (Turner Smith)

Peter.Surdo@ag.state.mn.us Minnesota Special Assistant Attorney General email (Peter Surdo)

Lisa.Morelli@law.njog.gov New Jersey Deputy Attorney General email (Lisa Morelli)

Nicholas.Buttino@ag.ny.gov New York Assistant Attorney General email (Nicholas Buttino)

Paul.Garrahan@doj.state.or.us Oregon Attorney-in-Charge email (Paul Garrahan, one of two OR attorneys)

Steve.Novick@doj.state.or.us Oregon Special Assistant Attorney General email (Steve Novick, one of two OR attorneys)

Nick.persampieri@vermont.gov Vermont Assistant Attorney General email (Nick Persampieri)

Caroline.cress@atg.wa.gov Washington Assistant Attorney General email (Caroline Cress)

Jenniferd@pscleanair.gov General Counsel, Puget Sound Clean Air Agency (Jennifer A. Dold)

A new icon has been added to the RAWSEPresidents Website, which is now the nearest right icon. The icon is an ask that has already been described in Episodes 56G B (description of the parties who should be at the table when deciding on “safe” wood stove emission limits and fenceline measurements, rather than wood stove certification) and (emails to contact 10 Deputy or Assistant Attorney Generals and one General Counsel) (those PDFs are included at the icon link). Residents Against Wood Smoke Emission Particulates, see <https://RAWSEPresidents.wordpress.com> and click on the nearest right icon for The Ask: Contact 10 Attorneys General <https://rawsepresidents.wordpress.com/1-please-contact-10-attorneys-general-about-august-2023-suit-versus-e-p-a-asking-for-certainty-for-wood-stove-users-rawsep-asks-for->

[complaint-based-system-based-on-pm2-5-monitor-data-exceeding-e-p/](https://rawsepresidents.wordpress.com/complaint-based-system-based-on-pm2-5-monitor-data-exceeding-e-p/) To the right of that “Barbie Goes To The Dating Game” <https://rawsepresidents.wordpress.com/1-barbie-goes-to-the-dating-game/> To the right of that “Cookies that may contain Rocks are recalled” <https://rawsepresidents.wordpress.com/cookies-that-may-contain-rocks-are-recalled/> to the right of that “The Fox Owns the Forest” card game <https://rawsepresidents.wordpress.com/the-fox-owns-the-forest-card-game-tba/> then to the right of that, the latest months, August & July 2023, of PDFs of articles with U R L’s to search on <https://rawsepresidents.wordpress.com/1-august-2023-pdfs-of-urls/> and

<https://rawsepresidents.wordpress.com/1-july-2023-pdfs-of-urls/> To the right of that, Stickers to handout for RAWSEP, Games such as 1)Bingo for RAWSEP, 2)Crosswords for RAWSEP 3)EndWoodSmokeJeopardy 4)PM2.5FreeMonopoly & EndWoodSmokeMonopoly 5)“Vending Machines for PM2.5 monitors”, and icon links to 30 minute Youtube videos and Spotify podcasts as well as podcasts.google.com, Castbox and PocketCast. PocketCast is only Free on the phone App. Pocket Cast works on Apple phones) and, below those icons, icon links to monthly URL’s of PDFs from June 2023 to May 2022.

	Certified NSPS still polluting NAAQS #1		Certified NSPS still polluting NAAQS #2	Certified NSPS still polluting NAAQS #3		Neighbor #1 NAAQS recognized by EPA rule	Neighbor #2 NAAQS recognized by EPA rule		Neighbor #3 NAAQS recognized by EPA rule	
Wood stove is Certified #3										Wood Stove Certification ended for #1
Wood stove is Certified #2										Wood Stove Certification ended for #2
Wood stove is Certified #1										Wood Stove Certification ended for #3
Neighbor complaint #3										Heat Pumps for Wood stove users
Neighbor complaint #2										Heat Pumps for Neighbors #1, #2 & #3
Neighbor complaint #1										
	PM2.5 monitor #3	PM2.5 monitor #2		PM2.5 monitor #1				Wood Smoke Lane #2	Wood Smoke Lane #1	

The money you will save every month when using an efficiently heating Heat Pump.



You can print these (faux) money as cards for the PM2.5freeMonopoly Game using on cardstock

<https://www.amazon.com/gp/product/B07YXCTZXD/ref=>