## 11/24/2023 **Residents Against Wood Smoke Emission Particulates**

#### Dirty Wood Burning Plants JEOPARDY BOARD



Wood Burning Power Maine	Wood Burning Power California	Wood Burning Wisconsin	Coal Burning, Wood burning	Gas Burning, Wood Burning
\$100	<b>\$100</b>	\$100	\$100	<b>\$100</b>
\$200	\$200	<b>\$200</b>	\$200	<b>\$200</b>
\$300	\$300	<b>\$300</b>	\$300	<b>\$300</b>
<b>\$400</b>	\$400	<b>\$400</b>	\$400	<b>\$400</b>
\$500	\$500	\$500	\$500	\$500

#### Dirty Wood Burning Plants JEOPARDY BOARD

**FINAL JEOPARDY** 

Wood Burning Power Maine	Wood Burning Power California	Wood Burning Wisconsin	Coal Burning, Wood burning	Gas Burning, Wood Burning
\$100	<b>\$100</b>	\$100	\$100	<b>\$100</b>
<b>\$200</b>	<b>\$200</b>	<b>\$200</b>	<b>\$200</b>	<b>\$200</b>
\$300	\$300	\$300	\$300	\$300
\$400	\$400	<b>\$400</b>	\$400	\$400
\$500	<b>\$500</b>	<b>\$500</b>	\$500	\$500

## Topic 1 - \$100 Question 6<sup>th</sup> and 5<sup>th</sup> Dirtiest Wood Burning (Biomass) Power Plants in Maine?



Topic 1 - \$100 Answer 6th Dirtiest Wood Burning Plant: Woodland in Washington County, Maine and 5th Dirtiest Wood Burning Plant: Somerset in Somerset County, Maine Click to return to Jeopardy Board



Topic 1 - \$100 Answer 6th Dirtiest Wood Burning Plant: Woodland in Washington County, Maine and 5th Dirtiest Wood Burning **Plant: Somerset in** Somerset County, Maine Click to return to Jeopardy Board



## **Topic 1 - \$200 Question** 4<sup>th</sup> dirtiest Wood Burning (Biomass) Power Plant in Maine?



#### Topic 1 - \$200 Answer 4th Dirtiest Wood Burning Plant: MMWAC in Androscoggin County, Maine



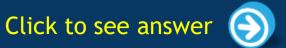
## Topic 1 - \$300 Question 3<sup>rd</sup> Dirtiest Wood Burning (Biomass) Power Plant in Maine?



#### Topic 1 - \$300 Answer 3rd Dirtiest Wood Burning Plant: Penobscot in Penobscot County, Maine



## Topic 1 - \$400 Question 2nd Dirtiest Wood Burning Power Plant in Maine?

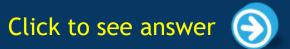


#### Topic 1 - \$400 Answer

2<sup>nd</sup> Dirtiest Wood Burning Plant: Rumford in Oxford County, Maine



## **Topic 1 - \$500 Question** Dirtiest Wood Burning (Biomass) Power Plant in Maine?



#### Topic 1 - \$500 Answer 1<sup>st</sup> dirtiest Wood Burning Plant: **Regional Waste in** Cumberland County, Maine



#### Topic 2 - \$100 Question First, Second and Third (alphabetically) of 15 **Biomass Plants in** California: Name and (location)



Topic 2 - \$100 Answer 1)Buena Vista (Buena Vista) 2)Burney Forest (Johnson Park) 3)Covanta (Stanislaus County)

Click to return to Jeopardy Board



Topic 2 - \$200 Question Fourth, Fifth and Sixth (alphabetically) of 15 **Biomass Plants in** California: Name and (location)



## Topic 2 - \$200 Answer 4) Desert View (Mecca) 5) Dinuba (Reedley) 6)Fairhaven (Fairhaven)



Click to return to Jeopardy Board

#### Topic 2 - \$300 Question Seventh, Eighth, and Ninth (alphabetically) of 15 Biomass Plants in California: Name and (location)



### Topic 2 - \$300 Answer 7)Honey Lake (Lassen County 8)Loyalton (Loyalton) 9)Mount Poso (Kern County)



#### Topic 2 - \$400 Question Tenth, Eleventh and Twelfth (alphabetically) of 15 **Biomass Plants in** California: Name and (location) Click to see answe



Topic 2 - \$400 Answer 10)Pacific (Tuolumne County) 11)Port of Stockton (Stockton) 12) Rio Bravo Fresno (Fresno)



Topic 2 - \$500 Question Thirteenth, Fourteenth and Fifteenth (alphabetically) of 15 **Biomass Plants in** California: Name and (location)





#### Topic 2 - \$500 Answer 13) Rio Bravo Rocklin (Whitney) 14)Wheelabrator Shasta (Anderson) 15)Woodland (Woodland)



### Topic 3 - \$100 Question 1<sup>st</sup> and 2nd (alphabetically) of 9 Biomass Plants in Wisconsin: Name and (location)



## Topic 3 - \$100 Answer 1)Bay Front (Ashland County) 2)Flambeau River (Price County)



### Topic 3 - \$200 Question 3<sup>rd</sup> and 4<sup>th</sup> (alphabetically) of 9 Biomass Plants in Wisconsin: Name and (location)



## Topic 3 - \$200 Answer 3)French Island (LaCrosse County) 4)Kaukauna (Outagamie County)



### Topic 3 - \$300 Question 5<sup>th</sup> and 6<sup>th</sup> (alphabetically) of 9 Biomass Plants in Wisconsin: Name and (location)



## Topic 3 - \$300 Answer 5)Manitowoc (Manitowoc County) 6) Mosinee (Marathon County)



Topic 3 - \$400 Question 7<sup>th</sup> and 8th (alphabetically) of 9 Biomass Plants in Wisconsin: Name and (location)



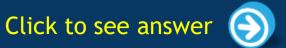
#### Topic 3 - \$400 Answer

7)Nekoosa (Wood County) 8)Rothschild (Marathon County)



#### Topic 3 - \$500 Question Last 1

(alphabetically) of 9 **Biomass Plants in** Wisconsin: Name and (location)



#### Topic 3 - \$500 Answer

# 10)Wisconsin Rapids (Wood County)



#### Topic 4 - \$100 Question Which type of burning emits more CO2 and PM2.5, coal burning or wood burning? Click to see answer

Topic 4 - \$100 Answer Wood Burning emits more CO2 and PM2.5 than Coal Burning. PM2.5 is Particulate Matter of 2.5 micrometer size.



# What are the health effects of breathing PM2.5?



# Topic 4 - \$200 Answer

PM2.5, particulate matter of 2.5 micrometer size, is the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths.



Topic 4 - \$300 Question How is \$229 resident owned PurpleAir PM2.5 monitor data correlated to \$100,000 **Environmental Protection** Agency (EPA) PM2.5 monitor data, on EPA AirNow Maps of Smoke and Fire?





Topic 4 - \$300 Question How is \$229 resident owned PurpleAir PM2.5 monitor data correlated to \$100,000 **Environmental Protection** Agency (EPA) PM2.5 monitor data, on EPA AirNow Maps of Smoke and Fire?



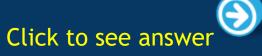


Topic 4 - \$300 Answer \$229 resident owned PurpleAir PM2.5 monitor data is correlated to \$100,000 **Environmental Protection** Agency (EPA) PM2.5 monitors with a simple mathematical formula



Topic 4 - \$300 Answer \$229 resident owned PurpleAir PM2.5 monitor data is correlated to \$100,000 **Environmental Protection** Agency (EPA) PM2.5 monitors with a simple mathematical formula







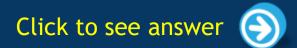








Are there more PurpleAir PM2.5 monitors on AirNow Maps of Smoke and Fire than \$100,000 EPA PM2.5 monitors?

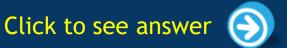


Topic 4 - \$500 Answer 1)There more PurpleAir PM2.5 monitors on AirNow Maps of Smoke and Fire than \$100,000 EPA PM2.5 monitors, and 2)PurpleAir PM2.5 monitors are usually hyper-localized closer to indoor residential wood burners, whose PM2.5 wood smoke pollution sickens near neighbors. Click to return to Jeopardy Board

Topic 4 - \$500 Answer 1)There more PurpleAir PM2.5 monitors on AirNow Maps of Smoke and Fire than \$100,000 EPA PM2.5 monitors, and 2)PurpleAir PM2.5 monitors are usually hyper-localized closer to indoor residential wood burners, whose PM2.5 wood smoke pollution sickens near neighbors. Click to return to Jeopardy Board

Topic 4 - \$500 Answer 1)There more PurpleAir PM2.5 monitors on AirNow Maps of Smoke and Fire than \$100,000 EPA PM2.5 monitors, and 2)PurpleAir PM2.5 monitors are usually hyper-localized closer to indoor residential wood burners, whose PM2.5 wood smoke pollution sickens near neighbors. Click to return to Jeopardy Board

Which type of burning emits more PM2.5, natural gas burning or wood burning (even Ecodesign Wood burners in the United Kingdom)?



# Topic 5 - \$100 Answer Wood burning (even in Ecodesign wood burners in the United Kingdom) emits 450 times the PM2.5 as natural gas burning. Click to return to Jeopardy Board



Topic 5 - \$200 Question How can near neighbors of indoor residential wood burners whose PM2.5 wood smoke pollution sickens the near neighbors, gather evidence of ambient air quality levels above NAAQS?

Click to see answer



Topic 5 - \$200 Question How can near neighbors of indoor residential wood burners whose PM2.5 wood smoke pollution sickens the near neighbors, gather evidence of ambient air quality levels above NAAQS?

Click to see answer



Topic 5 - \$200 Answer Near neighbors of indoor residential wood burners whose PM2.5 wood smoke pollution sickens them can gather evidence of ambient air quality levels above NAAQS with hyper-localized PurpleAir PM2.5 monitors Click to return to Jeopardy Board

Topic 5 - \$200 Answer Near neighbors of indoor residential wood burners whose PM2.5 wood smoke pollution sickens them can gather evidence of ambient air quality levels above NAAQS with hyper-localized PurpleAir PM2.5 monitors Click to return to Jeopardy Board

**Topic 5 - \$300 Question** What is Residents Against Wood Smoke Emission Particulates (RAWSEP's) grant going to do for near neighbors of indoor residential wood burners whose smoke sickens the near neighbors?



**Topic 5 - \$300 Question** What is Residents Against Wood Smoke Emission Particulates (RAWSEP's) grant going to do for near neighbors of indoor residential wood burners whose smoke sickens the near neighbors?



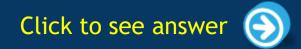








# What states and regions is the RAWSEP grant being written for?



# Topic 5 - \$400 Answer

1)The Contra Costa, Humboldt, and San Francisco counties of California. 2) The Dane, Iowa, Richland and Vernon counties of Wisconsin.



# Will there be a survey?



#### Topic 5 - \$500 Answer

# Yes, there will be a survey.



# FINAL COMPARIDUE



#### **Final Jeopardy Question**

# Will there be a survey?



#### Final Jeopardy Answer

#### Email rawsepresidents@gmail.com

