

October 8, 2022, RAWSEP news paraphrased.

[Prescribed burn planned at Rocky Mountain Arsenal | Thebrightonblade.com](#)

Brighton Standard Blade

Prescribed fire smoke may affect your health. For more information please visit <https://www.colorado.gov/pacific/cdphe/wood-smoke-and-health>.

[Initiative provides air purifiers to vulnerable Oakridge and Westfir residents - KLCC](#)

KLCC

Summer wildfires often blanket the region with smoke, while winter wood-burning prolongs the problem. Sarah Altemus-Pope is program manager of ...

[Multnomah County health officers issue **wood burning** advisory - KOIN 6](#)

KOIN 6

Health officials in Multnomah County announced a restriction on voluntary **burning** Friday because of the wildfire **smoke** and stagnant air condition ...

[Lavellette Officials Don't Reach Consensus on Regulating Fire Pits](#)

Lavellette-Seaside Shorebeat

"The exception would be for open flame, wood-burning fire pits." Filippone said she envisions an ordinance that would allow "smokeless" fire pits but ...

[BBC and CBC expose Canada subsidy scheme that chops whole trees for fuel export](#)

Stand.earth

C.'s primary and natural forests which are transformed into **wood** pellets and exported and **burned** in the UK. **Burning** biomass emits more carbon dioxide ...

[Europe Energy Crisis: Poland Burns Trash, Romania Caps Firewood Prices - Markets Insider](#)

Markets Insider - Business Insider

People in Poland are burning garbage, and Romania is capping firewood ... meter and 2,000 lei per ton of wood pellets, according to Bloomberg.

[How high fuel bills can worsen air pollution in our homes - The Guardian](#)

The Guardian

Mould can grow if there's not adequate ventilation or heat – and **burning wood** has big impact on indoor air quality.

[Why **wood** from B.C. forests is **burning** to fuel U.K. energy needs - The Fifth Estate - YouTube](#)

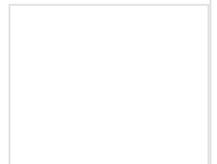
YouTube

Amid the ongoing fight to protect British Columbia's forests, The Fifth Estate investigates how the province has become a leading exporter of **wood** ...

[Are **Wood-Burning** Stoves More Sustainable? What You Should Know - Green Matters](#)

Green Matters

Within minutes of igniting those logs, a **wood-burning** stove can heat up your house quickly and efficiently. But with the amount of smoke they emit ...



[EPA guidance will result in more PM2.5 dispersion modeling - Power Engineering](#)

Power Engineering

Particulate matter less than 2.5 microns in diameter (**PM2.5**) is the smallest type of particulate pollution regulated by EPA. These fine, inhalable ...

[Cost of living: Fire risk warning over alternative heating methods - BBC News](#)

BBC

... for those who use portable heaters, **wood burners** or open fires. ... The blaze was discovered by the resident who had been burning timber on an ...

[Wood from B.C. forests is being **burned** for electricity billed as green — but critics say that's deceptive](#)

CBC

The largest power station in the U.K., Drax, burns **wood** pellets sourced from B.C.'s old growth and untouched forests to create electricity.

[Forests & Finance: Sit-ins, seeds over seedlings, and fuel-saving cookstoves - Mongabay](#)

Mongabay

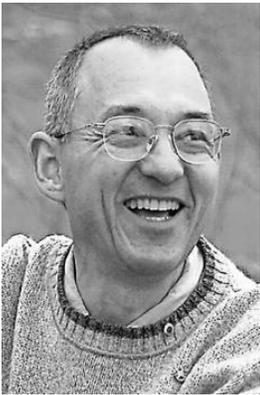
... in southern Zimbabwe with fuel-efficient **wood-burning** stoves, ... use 70% less wood than open fires, channeling heat from burning twigs and ...

[Let's find solutions so our grandkids have a fighting chance - Leavenworth Times](#)

Leavenworth Times

... run in the house during those times when **wood smoke** fills the air. They both also have young children in the home, but the smoke particles are ...

Let's find solutions so our grandkids have a fighting chance



[October 4, 2022](#)

in [Opinion](#)

FacebookTwitterEmailShare

We have family that lives in both the mountains of Montana and in Portland, Oregon, and they both have a number of air filters that they run in the house during those times when wood smoke fills the air. They both also have young children in the home, but the smoke particles are not healthy for adults, either.

[Nuisance bylaw intends to regulate **wood smoke** in Courtenay - Comox Valley Record](#)

Courtenay council has adopted a nuisance bylaw amendment intended to better regulate excessive **wood smoke**. The amendment says nuisance smoke ...

[National Acclaim for Valley Air District's Cuts in Residential **Wood Burning** - GV Wire](#)

GV Wire

The Valley Air District has received national praise for its efforts to reduce harmful residential **wood burning**.

[The Datasets We're Looking At This Week | FiveThirtyEight](#)

FiveThirtyEight

Oct. 5, 2022, at 12:00 PM. The words "data is plural" written in ... (PM2.5 refers to **particulate matter 2.5** micrometers in diameter or smaller.) ...

Google Alerts

PM 2.5

Daily update · October 5, 2022

NEWS

[Particle radioactivity linked to pollution-associated heart attack and stroke death - ScienceDaily](#)

ScienceDaily

Particle radioactivity, a characteristic of air pollution that reflects the colorless, odorless gas radon found in fine particulate matter (**PM2.5**) air ...



Flag as irrelevant

[Particle radioactivity linked to pollution-associated heart attack and stroke death](#)

American Heart Association

Particle radioactivity, a characteristic of air pollution that reflects the colorless, odorless gas radon found in fine particulate matter (**PM2.5**) ...



Flag as irrelevant

[Particle Radioactivity in Air Pollution Tied to CVD Mortality - KOAM](#)

KOAM

The researchers identified significant associations for gross β activity and **PM2.5** with each mortality cause. The highest associations were seen ...



Flag as irrelevant

Particle radioactivity exposure from radon gas linked to CVD mortality - Healio

Healio

"We know that fine particulate matter (**PM2.5**) are very small particles in the air that can be inhaled and cause many health problems; however, ...

'Civil disobedience next': Is protest on air pollution now essential? - AirQualityNews

Air Quality News

... or petitions made in terms of both air quality and fossil fuel burning. ... lead to a national 'airpocalypse' from **wood burning** this winter.

Power giant Drax's green energy subsidies mislead, expose reveals - AirQualityNews

Air Quality News

Environmentalists have long argued **burning wood** should not be counted as 'green'. Air Quality News reporting on several occasions about the PM2.5 ...

<https://www.lung.org/policy-advocacy/take-action/action-alerts/sota-petition>

<https://www.youtube.com/watch?v=5KVYHGI5SBQ>

<https://pub-courtenay.escribemeetings.com/Meeting.aspx?Id=7fbbbe04-37bd-4b66-a8ec-9a799594732e&Agenda=Agenda&lang=English&Item=18&Tab=attachments>

7.3

Engineering Services

7.3.1

Air Quality and Wood Smoke Mitigation

- **Moved By**Cole-Hamilton

Seconded By McCollum

THAT based on the July 25, 2022 staff report “Air Quality and Wood Smoke Mitigation” Council approve

OPTION 1, and direct staff to:

1. Review and revise the following bylaws to regulate excessive wood smoke that is causing a nuisance:
 - a. Prevention of Public Nuisances Bylaw No. 2804
 - b. Municipal Ticket Information Bylaw No. 2435
 - c. Nuisance Abatement and Cost Recovery Bylaw No. 2987
2. Develop a metric, in consultation with the community and other local governments, to identify excessive wood smoke;
3. Develop a public education campaign to communicate upcoming bylaw expectations, and encourage residents to reduce their use of wood burning appliances;
4. Design a network of PM2.5 air monitoring devices that report the real time PM2.5 concentrations on a publicly available map; and coordinate with other local governments in the region to ensure new monitoring devices are part of a regional PM2.5 monitoring network.

The U S Midwest and the U S South

Florida

[People trapped, 2.5M without power as Ian drenches Florida - The Economic Times](#)

The Economic Times

Law enforcement officials in nearby Fort Myers received calls from people trapped in flooded homes or from worried relatives.

Georgia

[Outdoor burning period begins in Cobb; restrictions apply](#)

East Cobb News

Fires may not be started with petroleum-based products. Only clean wood may be burned. Clean wood means natural wood which has not been painted, ...

Iowa

[Five Iowa counties have burn bans in place](#)

Radio Iowa

The state fire marshal is urging Iowans to think about fire safety outdoors. "Be careful when you're discarding your smoking materials," Wood says. " ...

Illinois

[Wood stoves in high demand, can help lower energy bill - WIFR](#)

WIFR

"Not only do they provide a great source of heat, but they're beautiful to watch burn." Andrew Benson with Benson Stone in Rockford explains that ...

Louisiana

[British company agrees to pay \\$3.2 million for air pollution at Louisiana wood pellet mills](#)

NOLA.com

Demand for wood pellets shot up after European regulators classified emissions from **wood-fired** plants as a greener alternative to coal- and ...

Michigan

[Issues of the Environment: Protecting Washtenaw County's waters in the season of ... - WEMU](#)

WEMU

Open burning of leaves, wood, and other yard waste near lakes should also be eliminated because the ash left behind contains phosphorus, heavy metals, ...

[News Flash • Washtenaw County, MI • CivicEngage](#)

Washtenaw County

It's about that time of year when you'll begin to see people burning leaves, wood, and plant debris where it's allowed in the community. It creates ...

Missouri

['We Lost Everything:' Couple reels after fire claims belongings - Yahoo](#)

Yahoo

"We had probably 10-foot ceilings in our hallways, and you could just see the wood burning, cooking. You couldn't see anything at all."

North Carolina

[Wood pellet plant expansion targets N.C. environmental justice community - Facing South](#)

Facing South

It would also require more of North Carolina's trees to be cut down to produce the wood pellets, which are burned to produce electricity primarily ...

North Carolina

[Wood, Fire, Smoke Festival coming to downtown Lenoir - Yahoo News](#)

Yahoo News

Sep. 27—LENOIR — If you like barbecue, artisan crafts, steel creations, and fall weather, you're going to love the Wood, Fire, Smoke Festival in ...

South Carolina

[Ring of fire | The Daniel Island News](#)

The Daniel Island News

Although there was a gas fireplace inside, Manning said the idea of crackling wood burning outside brought back childhood memories of bonfires on ...

Texas

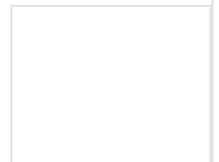
[Syndicated column: Taking the fall | Opinion | victoriaadvocate.com](#)

Victoria Advocate

Raking and burning leaves was just another arrow in my quiver. Fall was the time of year ... My grandfather used to say that wood burned twice.

[Wood County tire fire sparked by nearby burning trash - KLTV](#)

KLTV



Saw the fire engines and saw the smoke,” Pedretti said. He had a clear view of just what was burning. “From the road you could see the tires were on ...

U S West Coast

Alaska

[Looking Back: October 2, 2022 - Fairbanks Daily News-Miner](#)

Fairbanks Daily News-Miner

The local debate has focused on wood smoke, health and private property rights in the borough, but Tuesday's decision will play an important role ...

Colorado

[USFS to host planned burn meeting in BV | Free Content | themountainmail.com](#)

The Mountain Mail

The North Trout Creek prescribed fire project involves burning two units, ... visit <https://www.colorado.gov/cdphe/wood-smoke-and-health>.

U S Northeast

Massachusetts

Massachusetts, Martha's Vineyard

[Island Light: New Season - The Vineyard Gazette](#)

The Vineyard Gazette

... are left to catch the crisp autumn breezes. In Island woodlands the leaves turn and cool evenings bring the first smell of chimney wood smoke.

New York

[Heating With Wood This Winter - - The Adirondack Almanack](#)

The Adirondack Almanack -

Carbon from smoke becomes trapped by the creosote build-up. ... No wood burning system is 100% safe. Even with the safest installation and all the ...

[Here's How to Stay Safe When the Power Goes Out - The New York Times](#)

The New York Times

... by appliances that burn gas, oil, kerosene, wood or wood products. ... gasoline-powered engine, camp stove or charcoal-burning device in a ...

[Fire in The Adirondacks](#)

The Adirondack Almanack -

The burning of the Straight House Hotel in North Creek also set the ... to equip their wood and coal burning locomotives with spark arrestors.

Pennsylvania

[Major pollutant spiked to unhealthy level during junkyard fire - Philadelphia Inquirer](#)

Philadelphia Inquirer

The fire at Titan Auto Recycling caused an air pollutant to spike to a high of 74.5 micrograms per cubic meter. The EPA standard is an average of ...

Canada

[Drax accused of using **wood** from carbon-rich forest in Canada to supply UK power plant](#)

Business Green

It also said the world's leading climate experts had concluded that **burning wood** pellets for electricity could play a key role in a future low ...

[Drax cuts down primary forests in Canada, BBC investigation finds - Energy Live News](#)

Energy Live News

He was seen saying that importing **wood** to **burn** for power in the UK was not sustainable and "does not make any sense".

[Canadian company strikes hot deal for Birmingham manufacturer of **wood burning**, gas and ...](#)

The Business Desk

Decisive Dividend Corporation (DDC) has acquired 100% of ACR Heat Products, a Birmingham-based manufacturer of **wood burning**, gas and electric ...

British Columbia

[Air quality and your health: What Vancouver residents need to know](#)

Particulate matter (**PM 2.5**), is very fine particles or droplets in the air resulting from car exhaust, industrial emissions, dust, ...

[Courtenay considers ways to regulate excessive wood smoke - Comox Valley Record](#)

Comox Valley Record

Courtenay council has given third reading to three nuisance abatement bylaw amendments to help regulate excessive wood smoke.

[New amendments to regulate woodsmoke in Courtenay - My Comox Valley Now](#)

My Comox Valley Now

The concerns are around PM 2.5, a particle that is common in smoke from wood-burning stoves and other appliances. The city says most of the smoke ...

[Special air quality statement issued for western Manitoba - CHVNRadio](#)

CHVN Radio

Smoke from forest fires is gradually accumulating in a stagnant air mass over western Manitoba. Elevated PM 2.5 levels will produce AQHI values of 8 ...

[Special air quality statement issued for western Manitoba - CHVNRadio](#)

CHVN Radio

Elevated **PM 2.5** levels will produce AQHI values of 8 or higher at times over the next 24 to 36 hours. Environment Canada predicts that air conditions ...

Australia

New Zealand

The U K and Ireland

[Are **wood-burning** stoves legal in the UK? Gas boiler alternatives as energy prices soar](#)

The Mirror

Are **wood-burning** stoves legal in the UK? Stoves and fires are not banned, however, under the 2022 legislation, all new stoves or fires on sale will ...

[Who owns Drax Power Station - BBC investigation explained | NationalWorld](#)

NationalWorld

Burning wood pellets emits more greenhouse emissions than coal **burning**, but Drax's source of energy is classified as renewable because new trees are ...

[UK power station owner cuts down primary forests in Canada - Saudi Gazette](#)

Saudi Gazette

Drax, Britain's biggest power station, generates electricity by **burning** millions of tons of imported **wood** pellets.

['Eco' power station in tree-felling storm | Daily Mail Online](#)

Daily Mail

'Eco' power station in tree-felling storm: Wood-fired plant that takes ... 12 per cent of UK's renewable electricity by burning wood pellets ...

[Drax: UK power station owner cuts down primary forests in Canada - BBC News](#)

BBC

Burning wood is considered green, but it is controversial among environmentalists. Panorama discovered Drax bought logging licences to cut down two ...

[Britons turn to **wood burning** to tackle soaring energy bills](#)

Energy Live News

The Stove Industry Alliance (SIA) has reported a 40% increase in sales **wood burning** stove sales compared to the same period last year. The UK trade ...

[Conservative MPs in South West react to UK economic turmoil - BBC News](#)

BBC

Households turning to coal ahead of 'hard winter'. 1 day ago. Wood-burning stove. Tenants 'losing sleep' over energy bill fears. 11 hours ago.

Germany in the European Union, and Europe and the Middle East

Italy

[What are the rules on using **wood**-burning stoves in Italy? - The Local Italy](#)

The Local Italy

Bans on low-efficiency **wood** burners were introduced long before the European energy crisis to reduce CO2 and PM (**particulate** matter) emissions ...

The Netherlands

[Energy Decision Positive for Health - GGD GHOR Nederland - Dividend Wealth](#)

Dividend Wealth

Burning wood to heat homes in many cases creates smoke and annoys local residents and can also cause unhealthy air in the home. Petroleum stoves have ...

[Shocked by gas bills, thrifty Dutch stockpile coal, wood for winter | Reuters](#)

Reuters

Even new wood-burning systems have five to 12 times greater environmental costs than gas-fired units, it found. However, environmental and health ...

Norway

[Wood Burning Stoves in Norway Explained](#)

Life in Norway

Wood burner in a Norwegian cabin. Photo: Antonio Galvez Lopez / Shutterstock.com.

Poland

[Comparison of concentrations of chemical species and emission sources PM 2.5 before ... - Nature](#)

Nature

One is the ban of using solid fuels for heating purposes and the second is COVID-19 pandemic in Krakow. The PM2.5 fraction was collected during the ...

Ukraine

[With Power And Rail Stations Still Under Attack, Liberated Ukrainians In Northeast Scramble ...](#)

Radio Free Europe

Residents of liberated Ukrainian cities are gathering wood from vacant Russian defensive trenches to burn for heat while power and rail stations ...

Nigeria in Africa

India in Asia

China

[Haze pollution levels exhibit short-term seesaw behavior over North China Plain](#)

Mirage News

A haze frequently hangs over China, particularly over the highly populated North China Plain in the autumn and winter months.

India

[Air pollution increasing anaemia prevalence in women of reproductive age](#)

Mongabay-India

PM2.5 refers to fine, inhalable particles or particulate matter with diameters that are generally 2.5 micrometers and smaller.

[Fine Particulate Matter - an overview | ScienceDirect Topics](#) - ScienceDirect.com

[Monitoring Air Quality 24X7, Stubble Burning: Delhi Govt Upgrades Winter Pollution Plan](#)

News18

Similarly, PM 2.5 was 168 in 2012, and today, it is 113. There has been a 40% reduction in PM 10 levels and a 31% reduction in PM 2.5 levels, this is ...

[No fuel without pollution certificate in Delhi from October 25 - The Hindu](#)

The Hindu

The level of Particulate Matter (PM)2.5 – a chief air pollutant – in Delhi is the highest in over a month, according to Central Pollution Control ...

Research Papers and Technology

[How low can you go? Air pollution affects mortality at very low levels | Science Advances](#)

Science

The World Health Organization (WHO) recently released new guidelines for outdoor fine particulate air pollution (PM2.5) recommending an annual ...

[Air pollution linked to trajectory of stroke - EurekAlert!](#)

EurekaAlert!

A new study looks at the role of air pollution on the trajectory of stroke, including cardiovascular events after first stroke and death. The study is ...

[Study explores the role of air pollution on the trajectory of stroke - News Medical](#)

News Medical

Fine particulate matter, PM2.5, is less than 2.5 microns in diameter and includes fly ash from coal combustion. Those who had a stroke during the ...

[Study links air pollution to increased risk of stroke and related death - Medical News Today](#)

Medical News Today

The study, recently published in Neurology, focused on the health impacts of PM 2.5 granules. This fine particulate matter (PM) is harmful to human ...

[Winter Approacheth - Resilience.org](#)

Resilience.org

I don't want oil-burning anything to even be. ... In my experience, wood-burning furnaces do not use air delivery; they are connected to the rest ...

[Lower test scores from wildfire smoke exposure | Nature Sustainability](#)

Nature

Wildfires have increased in frequency and severity over the past two decades, threatening to undo substantial air quality improvements.

[Wildfire smoke exposure worsens students' learning outcomes | Nature Sustainability](#)

Nature

Wildfires are increasing across the United States and are a growing contributor to air pollution. Combining high-resolution satellite- and ...

[AF increases susceptibility to stroke associated with air pollution exposure - Multidisciplinary](#)

Multidisciplinary - MIMS

Atrial fibrillation (AF) exacerbates the effect of air pollution exposure on acute ischaemic stroke outcomes, such that AF patients are more ...

The Future