

FEB 19 2010

INDEPENDENT REGULATORY
REVIEW COMMISSION

From: Chambers, Laura M. [lchambers@state.pa.us]
Sent: Friday, February 19, 2010 3:25 PM
To: Richard Fox (Environment-Committee@pasenate.com); Edward Yim (EYim@pahouse.net); IRRRC; Joe Deklinski (Jdeklins@pahousegop.com); Patrick Henderson (energy@pasen.gov)
Subject: Public Comments Received on proposed Outdoor Wood-Fired Boiler rulemaking
Attachments: ATT00001.htm; CIG S..txt; DSC00024.JPG

The attached is a comment the EQB received on the above referenced rulemaking. Please contact me if you have any questions. Thank you.

Laura M. Chambers | Administrative Assistant 1
 Department of Environmental Protection
 Policy Office
 Rachel Carson State Office Building
 400 Market Street | Harrisburg, PA 17101
 Phone: 717.783.8727 | Fax: 717.783.8926
www.depweb.state.pa.us

-----Original Message-----

From: Giulia D'alesio [mailto:jaguarg90@hotmail.com]
Sent: Saturday, February 06, 2010 3:35 PM
Subject: FW: HAZARDS OF WOOD SMOKE.

Our own story below, and please check the attachments..

WOOD SMOKE REMAINS TOXIC.

There are way too many burners as it is that are intoxicating our air already in Notre-Dame-De-L'ile Perrot...OUTDOOR, AND INDOOR WOOD BURNING HAS TO STOP! Therefore NO MORE PERMITS, and BAN CURRENT WOOD BURNING!

I will tell you about our story (HELL ON EARTH DUE TO OUR NEIGHBOURS BURNING) polluting our air.

We have been victims of our next door neighbours (about 17 feet from our house) due to them heating their house with a wood stove which is their primary source of heating (24/7 all winter long, and they start burning with their wood stove early september till middle of June), this has been going on for some years...they also get their fire wood free from the forest. Also, the smoke from their one wood stove finds its way to enter our house even when all windows and doors are closed. we also believe that our next door neighbours have an EPA certified wood stove with 90% reduction on air pollution. let me tell you even without the smoke it still smells disgusting and these certified stoves break down after a few uses giving out more toxics then the uncertified stoves but these industries that sell these wood stoves will not tell you that...do your research and get the truth of these wood appliances. Then we have the outdoor burners where we can not even have our windows open nor can enjoy our back yard...Last year we had ten days of free smoke days out of 12 months all because of neighbours burning wood...WHERE ARE OUR RIGHTS TO HAVE CLEAN FRESH AIR IN ORDER TO LIVE HEALTHY, AND WELL?

We found that most burners don't even care about their neighbours air, causing great harm to ones health, and of the environment. Also if a burner dislikes their neighbours, these burners could use their stoves, including the E.P.A., CSA,

OWB etc. wood stoves as weapons...NOT EVEN CERTIFIED STOVES CAN PROTECT US FROM THESE BURNERS.

There are so many burners that are already in toxicating our neighbourhoods, environment, and still the wood stove industries are promoting these wood stoves. The industries are dishonest to the public about their E.P.A. STOVES, CSA STOVES, OWB ETC. Also, OWB ARE SEVEN TIMES WORSE THEN ONE E.P.A WOOD STOVE.

The public Deserves the truth and need to be educated about wood smoke...OUR LIVES, THE ENVIRONMENT ARE MORE IMPORTANT THEN ANY AMOUNT OF MONEY or a easy way of getting reed of waste.

WE DO NOT LIVE IN THE CAVE DAYS THEREFORE WOOD BURNING MUST COME TO A THING OF THE PAST BEFORE MORE LIVES ARE TAKEN...ABOUT TWO MILLION PEOPLE DIE EACH YEAR WORLD WIDE PREMATURELY DUE TO WOOD SMOKE.

People can be retrained for jobs but health, lost of lives, and the environment can not be retrained.

DON'T LET THESE INDUSTRIES OF WOOD BURNING (INDOOR OR OUTDOOR) APPLIANCES GET AWAY WITH ANYMORE MURDER!

If the public truly were informed of the truth of these E.P.A. , CSA, OWB, stoves (wood smoke) they would think twice before installing ONE OF THESE KILLER HEATERS in their homes or outdoors.

WE CAN NOT BREATH MONEY...THEREFORE THE NEED IS TO BAN ALL WOOD BURNING BEFORE MORE LIVES ARE TAKEN!

WE NEED TO WAKE UP THE GOVERNMENT AND START PROTECTING CITIZENS, AND OUR ENVIRONMENT!

Numerous scientific studies report serious adverse health effects from breathing smoke emitted by residential wood combustion. Smoke contains fine particles, which can affect both the lungs and the heart. Residential wood smoke may be a significant source of exposure to fine particle pollution.

There is about 50 to 70% of the particulate matter (PM2.5) that seep (trespass) into every home, measurements of the wood smoke particulate polycyclic aromatic hydrocarbons (PPAH) by Dr. Wayne Ott of Stanford University showed levels similar to having smokers lighting up cigarettes inside your home . We are talking gases when we talk wood smoke. What is seeping in, is chemically active in the body 40 times longer than , and is 12 times more likely to cause cancer.

Smoke from wood-burning stoves and fireplaces contain a complex mixture of gases and particles. The size of particles is directly linked to cause health problems. Small particles less than 10 micrometers in diameter pose the greatest problems because they can get deep into the lungs and some particles may even get into the bloodstream. Among these particles are "fine particles," which are 2.5 micrometers in diameter and smaller. These fine particles can affect both your lungs and your heart

Also, the EPA certification program was a failure. In the 1980s, they knew that there would be more cancer cases, more sudden heart attacks, and more deaths if they proceeded with the EPA wood stove program. There are voices crying out for help to stop the disease spreading smoke across the United States and Canada. The long term damage from wood smoke exposure will be carried for life by its victims. We know that lives will be shortened by these exposures of wood smoke.

When people are not at work they typically spend 60-70 percent of their time at home (Szalar,¹ 1972; Chapin², 1974; Sexton et al.³, 1986) and if they heat their home with wood they are potentially exposed to fine particle pollution. In addition to the smoke that can be released inside the home, studies show that an estimated 70 percent of smoke from chimneys can actually reenter the home and neighborhood dwellings (Pierson⁴ et al., 1989).

Numerous scientific studies have linked particle pollution exposure to a variety of problems, including:

- increased respiratory symptoms, such as irritation of the airways, coughing, or difficulty breathing;
- decreased lung function;
- aggravated asthma;
- development of chronic bronchitis;
- irregular heartbeat;
- non-fatal heart attacks; and
- premature death in people with heart or lung disease.

Here are a couple of sites I found also interesting.

<http://www.idahostatesman.com/life/story/860851.html>

<http://pubs.acs.org/doi/abs/10.1021/es062289b>

PLEASE DON'T BURN WOOD AND HELP US ALL LIVE LONGER, HEALTHIER, AND HELP SAVE THE ENVIRONMENT.

Thank you for your time.

Regards,

Giulia D'Alesio
30, 102 ave
N.D.De-L'ile-Perrot,Qc.
J7V7P2
Member of Clean Air Revival, and of ALAP
Phone and Fax (514)425-5288
giulia.dalesio@hotmail.com
<http://www.canadiancleanairalliance.ca>

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