

1231 Sundance Loop
Fairbanks, Alaska 99709
July 10, 2019

Cindy Heil
Division of Air Quality
DEC
555 Cordova Street
Anchorage, Alaska 99501-2617



Dear Cindy Heil:

I am writing to comment on the state air quality control plan 18 AAC 50 for the Fairbanks North Star Borough. By hindsight I should have left this area several years ago, but instead I stayed and have let our winter air adversely affect my health and my partner Ron Yarnell's health. I naively believed when people read the research on the effects of PM 2.5 on the body, that they would do what was necessary to clean up our air. Unfortunately, based on people's comments/testimony at public meetings in Fairbanks, we have many people who believe the research by the American Heart Association and the research in *The Journal of the American Medical Association* and *The New England Journal of Medicine* is bogus. As someone who is familiar with the science involving PM2.5, it is up to you to educate these people and clean up our air to meet government standards in a timely fashion.

Based on the dismal progress made in the last ten years, I am recommending the following changes:

- No burning during Stage 1 and Stage 2 alerts and **no granting of waivers for any reason** except a power outage. (people have had 10 years to figure out how to heat their homes without burning wood during air alerts- that is enough time)
- Good move to Switch to #1 fuel – We have only used #1.
- Only dry wood should be sold by commercial businesses. Starting date should be changed from Oct.2021 to January 2020.
- All wood heating devices installed or sold in the borough need to meet the new standard. (I believe the new standard coming in 2020 is less than 2 grams per hour) Also, only stoves that meet the new standards can be in a home being sold. All other wood burning devices must be removed.
- All homes being sold and/or built have to heat with another source than wood or coal..
- All hydronic outdoor heating devices and coal burning devices must be removed by Dec. 2020.

Please clean up our air!!!! Continuing to compromise with people who do not believe the research on PM2.5 obviously has not worked. Thank you.

Sincerely,

A handwritten signature in cursive that reads "Lynn Larsen".

Lynn Larsen