

From: [Lynn Larsen](#)
To: [Dec Air Comment](#)
Subject: PM2.5 30to25
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The 2020 DEC Proposed Regulations and SIP – Fairbanks North Star Borough Fine Particulate (PM2.5)2020 should be adopted. The threshold for burn bans should be changed from 30 micrograms of PM 2.5 per cubic meter to 25 micrograms per cubic meter. This change should not be conditional on the borough not going in the right direction, but should be implemented immediately. The PM 2.5 in our winter air has been well over the threshold for good health for far too long. Starting burn bans at lower levels might help lower the peaks reached on bad episodes.

Unfortunately, much of the DEC's proposals to lower our PM 2.5 are predicated on the assumption that people are following or are going to follow the regulations. Sorry to say, but that is not happening, at least in the neighborhoods off Farmers Loop Road. Your burn bans are just ignored. People who have other sources of heat and would not qualify for a burn waiver for financial reasons, burn whenever they want.

Two other points:

The Pm 2.5 in outlying neighborhoods is often unhealthful, even though no "bad " burners live close by. On October 24 my purpleair monitor showed numbers between 70 and 130 for the day and evening. Something needs to be done!!!!

Research is now linking high levels of PM 2.5 to many chronic health diseases, such as diabetes, Alzheimers, Parkinson, chronic kidney disease, MS, Lupus, cateracts, macular degeneration, melanoma, and many more. In short, air pollution increases the inflammatory status in our cardiovascular, pulmonary, and nervous systems and anywhere else. Increased inflammation equates to increased stress and that exacerbates or even initiates ailments that have a strong link to inflammation.

Breathing healthy air is not possible in many areas around Fairbanks at this time. Please improve our air quality.

Thank you.

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