

Fairbanks PM_{2.5} Planning Activities Past, Present & Yet-to-Come

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State Efforts: past year, current status, what is coming

- > Overview of regulations that have been implemented
- > Overview of proposed regulations
- > Status of Separation Request, and Extension request
- > Coordination Efforts
- > Up and Coming over the next year



State Regulations



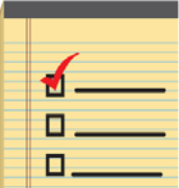

- > Regulations adopted and filed in 2014/2015; implemented when reclassified by EPA as a Serious Nonattainment Area
 - ❖ Real Estate Requirement; remove or replace non EPA certified wood-fired heating devices upon sale of property.
 - ❖ http://dec.alaska.gov/air/anpms/comm/fbks_pm2-5_real-estate.htm

REAL ESTATE REQUIREMENT - FAIRBANKS NORTH STAR BOROUGH PM_{2.5} NONATTAINMENT AREA

This requirement affects real estate transactions in the FNSB PM_{2.5} Nonattainment Area. It requires removal or replacement of non-compliant wood-fired heating devices before the sale, lease, or conveyance of property within the Nonattainment Area. The regulations are intended to improve air quality by reducing the number of older, more polluting wood-fired heating devices in the area over time.

- Effective June 9, 2017 -

The Environmental Protection Agency (EPA) has redesignated the PM_{2.5} Nonattainment Area from 'moderate' to 'serious.' EPA proposed the redesignation on May 10, 2017. See: [Federal register notice](#) (PDF).

REAL ESTATE LICENSEES	OWNERS, BUYERS, & LANDLORDS	WHAT MUST GO?	WHAT CAN STAY?
R			
WHERE?	REGULATIONS	ASK A QUESTION	BURN WISE ALASKA
			



State Regulations, continued

- > Regulations adopted and filed in 2014/2015; implemented when reclassified by EPA as a Serious Nonattainment Area
 - ❖ Mandatory registration of wood sellers
 - ❖ http://burnwise.alaska.gov/moisture_disclosure_program.htm

BURN WISE ALASKA FAIRBANKS PM2.5 OPEN BURN **MOISTURE DISCLOSURE PROGRAM** AIR QUALITY HOME

MOISTURE DISCLOSURE PROGRAM - REGISTERED WOOD SELLERS



Find or Become a Participating
Commercial Wood Seller

[Click Here](#)



- Mandatory Registration: August 15, 2017 -
(Fairbanks Northstar Borough Nonattainment Area Only)

The upcoming mandatory Wood Seller Registration requirement and the voluntary Moisture Disclosure Program are designed to encourage communication between wood sellers and wood buyers about the moisture content of the wood being sold and to raise awareness about the importance of burning dry wood to increase efficiency and lower air pollution. Using the link above, wood sellers can register online for free and wood buyers can find participating wood sellers or recognized dry wood sellers in their area.

The program was adopted into regulation in 2014 in [18 AAC 50.076\(d\)](#) (PDF) as a contingency measure to help bring the [Fairbanks North Star Borough PM_{2.5} Nonattainment Area](#) into attainment. DEC launched a voluntary program to ensure the program was effective and to ease the transition from voluntary to mandatory in the Nonattainment Area. The Environmental Protection Agency (EPA) reclassified the FNSB PM_{2.5} Nonattainment Area from moderate to serious effective June 9, 2017; [Federal Register, Vol. 82, No. 89, 21711](#) (PDF). As a result of EPA's reclassification, and pursuant to 18 AAC 50.015(b)(3) and 18 AAC 50.076(d)(1)-(3), commercial wood seller registration with ADEC will become mandatory in 60 days on **August 15, 2017** ([link to public notice](#)) (PDF).

FOR WOOD SELLERS:

alaska.gov/Applications/Air/airtoolsweb/WoodMoistureProgram

FOR WOOD BUYERS:

Benefits:





Dry Wood-Moisture Disclosure Program

Create/Edit Wood Seller

List Filter Criteria

Area: & Location Type: All Delivery Pickup

Reload List

Recognized Dry Wood Sellers (Click wood seller for detail)

Wood Sellers that provide proof to DEC that wood they sell as 'dry' has a moisture content of 20% or lower.

WOOD SELLER NAME	AREA/LOCATION	LOGO
Superior Pellet Fuels, LLC	Fairbanks & North Pole	
Wood Brothers Firewood	Fairbanks & North Pole	

Registered Wood Sellers (Click wood seller for detail)

Wood Sellers that will provide written documentation of the moisture content of the wood they sell. Wood could be either above or below 20% moisture content.

WOOD SELLER NAME	AREA/LOCATION	LOGO
Alaska Birchworks LLC	Fairbanks & North Pole	
Alaska Forest Products	Fairbanks & North Pole	
Alaska Timber Logging	Fairbanks & North Pole	
Alaskan Birch Crafts	Fairbanks & North Pole	
Arctic Firewood	Fairbanks & North Pole	
Bone-dry firewood	Fairbanks & North Pole	
Four Star Firewood LLC	Fairbanks & North Pole	
Nip and Tuck Logging	Fairbanks & North Pole	
Northland Wood Products	Fairbanks & North Pole	
Solitaire Alaskan Forestry	Fairbanks & North Pole	
Veteran Logging	Fairbanks & North Pole	
Ward Wood Works	Fairbanks & North Pole	
Wood Brothers Firewood	Fairbanks & North Pole	



State Regulations since last Clear the Air Conference

- > PM2.5 regulations proposed 6/02/2016, were finalized on 11/26/2016 and submitted to EPA for inclusion in the Moderate State Implementation Plan (SIP).
 - ❖ Package incorporated the all the Borough ordinances from February 2015 through May 2016 was key to the full approval of the Moderate SIP.

- > Proposed another PM2.5 regulation package on 7/18/2017 in response to two additional Borough ordinances. Public comment period closed 8/30/2017. Currently working on response to comments and edits to regulations and SIP chapters.
 - ❖ Received about 100 comments from approximately 40 individuals.
 - ❖ Comments in general were 2:1 in support.



Status/Timelines

- > **Separation Request:** request was submitted on 11/20/2015 by Governor Walker to the Environmental Protection Agency (EPA).
 - ❖ EPA has begun looking at the request and a decision is expected at the end of the calendar year.

- > **Serious SIP due date:** DEC intends to request an extension of the 2019 attainment date. Therefore, the Serious SIP will be due in December 2018.

- > Currently working to release late winter/early spring for public comment:
 - ❖ Best Available Control Measure analysis
 - ❖ Best Available Control Technology Determination
 - ❖ Precursor demonstration for NOx



What is Coming

- > Saturation Study completed last winter - results from last winter (next presentation)
- > Continue on technical efforts for Serious SIP Development
- > Continue with coordination efforts:
 - ❖ Meet weekly with FNSB on SIP issues and coordination efforts
 - ❖ Monthly group meetings with EPA/DEC/FNSB
 - ❖ Various weekly technical meetings between EPA, DEC and FNSB



Questions?

