



Winter 2018-2019 Temporary Waiver No Other Adequate Source of Heat (NOASH)

Solid fuel-fired heating devices on properties located in the Fairbanks North Star Borough (FNSB) Nonattainment Area are subject to use restrictions if PM_{2.5} reaches unhealthy levels for sensitive individuals and the department has called an air quality episode (Alert) under 18 AAC 50.246. An owner or operator of a solid fuel-fired heating device may continue to use their device during a curtailment if a written temporary waiver is received. In order to receive a temporary No Other Adequate Source (NOASH) waiver, the following must apply:

Eligibility

- 1) The subject structure must be heated and the structure has no adequate heating source without using a SFBA;
- 2) Economic hardship requires use of the SFBA;
- 3) Complying with the restriction would result in damage to property including damage to the appliance itself and its heating components.
- 4) The device is located within the nonattainment area. Please see map below, call Division of AQ, or see website for zoomable map of nonattainment area.

Criteria

- 1) Documentation that all solid fuel-fired devices located on the property meet State Standards; EPA certified **AND** 2.5 g/hr rated capacity or .32 lbs/million BTU or less.
- 2) If device is equipped with a catalyst, proof that the catalyst has been replaced in accordance with manufacturer recommendations or specifications (if applicable).
- 3) Documentation/date of last chimney sweep (must be less than 2 years old).
- 4) Documentation of ability to properly store wood.
- 5) Location (address) of device(s).
- 6) Taken class or training in proper wood burning techniques.

If requesting a NOASH for economic hardship, you must also provide documentation of hardship. This documentation may be established by showing approval for assistance from a list of agencies or programs that provide economic assistance. Please contact the Department's Division of Air Quality to request a list of programs. If the NOASH waiver is granted, the resident may continue to use their solid fuel-fired device during Stage 1 and Stage 2 air alerts. However, operation of the device is still subject to 18 AAC 50.075 – visible emission standards. Solid fuel-fired devices should be able to meet opacity limits if burning dry wood, which is required under 18 AAC 50.076 (b)(1).

Application for DEC NOASH Waiver

Complete one form per building and return the form(s) and accompanying documents to **Division of Air Quality, 610 University Ave., Fairbanks, AK 99709**. For more information call (907) 451-2132 or visiting our FNSB PM2.5 Hot Topics section on our website at dec.alaska.gov/air. **The Department is subject to the Alaska Public Records Act, AS 40.25 et seq. and this application document may be subject to public disclosure under state law.**

I _____, the owner or other person with property or managerial
(Printed Name)
 interest in a building located at

(property address, including zip code)

request a NOASH waiver to allow the use of the following solid fuel burning appliance(s) located on the property identified above during air alerts as set forth by 18 AAC 50.246 for the following reason(s). I understand that the solid fuel-fired heating device being used to heat the structure must meet current State Standards.

(Initial all that apply)

- _____ The building relies on a solid fuel-fired heating device as its sole source of heat.
- _____ The building has no adequate heating source without using a solid fuel-fired heating device.
- _____ Complying with an alert restriction would result in damage to property including damage to the appliance itself and its heating system components.
- _____ An economic hardship requires that the building uses a solid fuel (**documentation required**).

I am requesting the NOASH waiver for the following appliance(s):

(Please fill out the following information to the best of your ability. All information will be reviewed by the Air Quality staff prior to granting a NOASH waiver. If information cannot be verified, a waiver will not be granted.)

Make/Model/Serial Number of device.	EPA Certified? (Circle one)	If yes, emission rating? (must be 2.5 g/hr/ .32 MMBtu or less)	Year Device was installed
1)	Yes No N/A		
2)	Yes No N/A		
3)	Yes No N/A		

I also understand that the following documentation must be completed and/or submitted for each application (initial each requirement):

_____ Pictures of each appliance for which you are requesting the exemption -- Pictures should clearly show the front and side of the appliance(s) and, if possible, the EPA certified data plate on the back of the device. The Air Quality office should be able to clearly identify an appliance from the pictures that are submitted. Please let the Air Quality staff know if you have previously participated in a Change Out Program or received a waiver, previous pictures may be available.

_____ Picture(s) demonstrating your ability to properly store wood – Per 18 AAC 50.076(b), proper wood storage is defined as “covering the top of the wood pile to protect from rain and snow, leaving sides of the stack open to breathe.” For more information, visit <https://dec.alaska.gov/air/burnwise/>.
_____ Wood stored on property that is to be used for the winter of 2018-2019 is properly seasoned and can meet a moisture content of 20% or less.

_____ Burn Wise – Watch the Burn Wise videos (available on our website at <https://dec.alaska.gov/air/burnwise/> or on a DVD from the AQ Office).

_____ Notice of Restrictions – Read through the form for a quick summary of the Department’s air quality regulations, and then sign acknowledging that you have read the information.

_____ Sign up to receive alerts – Visit Air Online Services (AOS) on the Division of Air Quality office to sign up to receive air quality alerts emails and texts if applicable.

_____ If the SFBA has a catalyst, proof that that the catalyst has been replaced in accordance with manufacturer recommendations or specifications.

_____ Documentation or affidavit that the chimney has been swept within the last two years.

The specific details of why I need a NOASH waiver are as follows: _____

Certification

I understand that by signing below I am requesting a NOASH waiver from the Department of Environmental Conservation, Division of Air Quality, to be able to use the appliance(s), listed in this application, during Stage 1 and 2 air alerts or curtailments. I also understand that a NOASH waiver is an exemption only with respect to the restrictions imposed during a Stage 1 or Stage 2 air alert, that the exemptions only apply as long as the factual circumstances indicated continue to exist, and the exemption does not excuse compliance with any other air quality control measures imposed by State law. I understand that I am required to burn dry wood and I am still subject to the opacity requirements. I also understand that if approved, this completed form will serve as my waiver and that it will **expire on April 1st, 2019**.

Signature: _____ Date: _____ Mailing Address: _____
_____ Phone Number: _____
_____ E-mail address: _____

PLEASE NOTE: This affidavit must be notarized (see below) in order to be processed by the Department Air Quality Division. A notary is available in the Air Quality office for your convenience.

ACKNOWLEDGMENT

STATE OF ALASKA)
) ss
FOURTH JUDICIAL DISTRICT)

On _____, 201__, _____ personally appeared before me,
_____ who is personally known to me
_____ whose identity I proved on the basis of _____
to be the signer of the above instrument, and he/she acknowledged that he/she signed it.

Notary Public Signature

(Seal)

My commission expires: _____

Please note: Once the application and all supporting documentation have been submitted, and you have signed up to receive alerts, please allow 1-2 weeks for the Department’s NOASH determination. Air Quality staff will process applications as quickly as possible, in the order they are received, and in many instances an exemption may be granted the same day an application is submitted.

For Office Use Only:

Year building(s) built: _____

Received the following: Pictures of appliance(s) Picture(s) of proper wood storage Quiz
 Notice of Restrictions Signed up for alerts
 If the SFBA has a catalyst, proof that that the catalyst has been replaced in accordance with
manufacturer recommendations or specifications

Waiver Status (circle all that apply): Approved Appliance(s) 1 2 3
Denied Appliance(s) 1 2 3

If any appliances denied, reason:

Department AQ Staff: _____
Signature Printed Name Date



DEC Division of Air Quality

NOTICE OF RESTRICTIONS FOR SOLID FUEL BURNING APPLIANCES

In December 2009, the EPA designated a portion of the Fairbanks North Star Borough (FNSB) as a Nonattainment area for fine particulate matter (PM2.5). In order to reduce emissions and clean up FNSB's air, the Department of Environmental Conservation (the Department) developed regulations and a State Implementation Plan which created guidelines and restrictions on the installation and operation of solid fuel burning appliances (SFBA's). DISCLAIMER: Below is a general summary that is not inclusive of all Air Quality regulations and only references SIP Section III.D.5.11. A complete copy of Department Air Quality regulations can found online at:

<http://dec.alaska.gov/media/1038/18-aac-50.pdf>

Nonattainment Area-Wide Regulations

* **Prohibited Fuels** - Only clean wood that is **20% MOISTURE CONTENT OR LESS** is allowed to be burned in a wood burning appliance. Clean wood is defined as natural wood that has not been painted, varnished or coated with a similar material, has not been treated with preservatives, and does not contain resins or glues as in plywood or other composited wood products. There are many other prohibited fuels (e.g. garbage, glossy or colored paper, etc). 18 AAC 50.076.

Nonattainment Area Regulations

* State Standards for solid fuel-fired heating devices - Only those devices that meet state standards be installed (18 AAC 50.077), which are as follows: EPA certified wood and pellet stoves with an emissions rating of 2.5 g/hr or less, EPA certified hydronic heaters with an emissions rating of 0.32 lbs/million btu or less, masonry heaters, cook stoves, and fireplaces.

Outdoor Open Burn Restrictions – Between November 1 and March 31st, 18 AAC 50.065, prohibits open burning.

Opacity Requirements – 18 AAC 50.075 – During an advisory or alert, the opacity may not exceed 20%.

By signing below I confirm that I have received and read the above notice.

Signature: _____ Date: _____ Printed
Name: _____ Mailing Address: _____

Vendor Name (if applicable): _____

