



## 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>

A copy of Section III.D.5.11 may be found at:

<http://dec.alaska.gov/media/6996/iii-d-5-11-emergency-episode-plan-12817-final.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 may 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 (visible emissions) from the stack may not exceed 20%. This requirement can be met if burning dry wood.

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

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Vendor Name (if applicable): \_\_\_\_\_