

# Alaska Department of Environmental Conservation

*Division of Air Quality*



## Adopted Regulations

**18 AAC 50.077** establishes particulate matter emissions limitations for new wood-fired heating devices, including outdoor hydronic heaters and woodstoves, being manufactured, sold, or installed within the Fairbanks North Star Borough fine particulate matter (PM-2.5) non-attainment area. The adopted regulation will only apply to new wood-fired heating devices, not heaters already installed in local homes.

**18 AAC 50.245(a), (b) and (c)** clarified that local air quality control programs, authorized by the department, may declare air quality episodes and advisories and take immediate action. Local programs may only act if it is within the scope of their local authorities.

**18 AAC 50.990** modifies the definition of a wood-fired heating device and to add the definitions for “wood heater/wood stove,” “clean wood,” “hydronic heater,” and “solid fuel-fired heating device.”



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## Proposed Regulations

**18 AAC 50.005** adds clarifying language regarding a local government’s powers or obligations.

**18 AAC 50.030** adopts revisions to the State Air Quality Control Plan by adding a new subsection 5 to Volume II Section III.D: Fairbanks North Star Borough PM-2.5 Control Plan.

**18 AAC 50.065(f)** restricts wintertime outdoor open burning in the FNSB PM-2.5 non-attainment area but allows an approved local program to act in place of the department’s regulation. This allows some flexibility for local air programs to develop alternative outdoor open burning programs that could grant exceptions during periods of good air quality.

**18 AAC 50.075** is amended to include solid fuel-fired devices, clarify the procedures for determining visible emissions (opacity), and adds a new subsection to allow operation of wood-fired or solid fuel-fired devices during a PM-2.5 air quality episode if visible emissions are below the limits identified in the State Air Quality Plan for the area.

**18 AAC 50** adds a new section to clarify the types of solid fuels that can and cannot be burned in heating devices operating within the FNSB PM-2.5 nonattainment area. The new section also provides for commercial wood sellers to register, measure, and disclose the moisture content of wood sold in an area classified as a ‘serious’ PM-2.5 nonattainment area. The regulation proposes to provide wood sellers notice prior to initiation of any future requirements.

**18 AAC 50.077** adds a new subsection that would only apply to ‘serious’ PM-2.5 nonattainment areas which would require, unless waived, replacement of certain high-emitting wood-fired heating devices upon sale of residence.

**18 AAC 50** adds a new section and a new table to establish PM-2.5 concentrations that will trigger an air quality alert, air quality warning or air quality emergency episode in Alaska and provides for the department and local air quality control programs to declare PM-2.5 air quality episodes and advisories and to take immediate action.

**18 AAC 50.990** modifies the definition of “open burning,” and add definitions for “dry wood,” “camp fire,” “wet wood,” and “manufactured compressed wood logs.”



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