

# Alaska Department of Environmental Conservation

*Division of Air Quality*

## Fact Sheet: Proposed SIP Components for FNSB

The air quality plan currently being developed for the Fairbanks North Star Borough PM<sub>2.5</sub> non-attainment area is focusing on programs that will help improve the Borough's air quality while recognizing and balancing the need for local residents to economically heat their homes. A mix of programs will be needed to bring the area into compliance with the ambient air quality standard. The list below depicts the range of measures and programs that are already underway or that are being evaluated for inclusion in the final plan.

- Solid Fuel (Wood and Coal) Heating Device Change Outs, Removal, Repair Programs
- Expanded Solid Fuel Heating Device Change Out Program for Hot Spot Areas
- Expansion of Natural Gas Availability for Space Heating  
([InteriorEnergyProject.com](http://InteriorEnergyProject.com))
- Public Education – Benefits of Using Dry Wood, Best Burning Practices, Efficient Heating Devices
- Proposed State Regulations on Wintertime Open Burning, Wood Heater Emission Standards, Appropriate Fuels for Solid-Fuel Heating Devices, and Formal Air Episode Levels Coupled with Flexible Response Program for Wood Heaters
- AHFC Home Energy Rebate and Weatherization Programs
- Expanded Transit and Vanpooling
- Expanded Parking Lot Plug-ins for Motor Vehicles
- Projects to Reduce Diesel Vehicle/Equipment Emissions
- Emission Reductions from Motor Vehicles through the Federal Emission Standards for New Vehicles
- Existing Stationary Source Permit Programs

In addition, other local and state-funded energy projects have the potential to add power to the rail belt electrical grid providing additional air quality benefits to the Fairbanks non-attainment area through reduced power costs and reduced need for local generation in the Fairbanks area. These projects include the Susitna-Watana Hydroelectric Project, start-up of Healy Power Plant Unit 2, Eva Creek Wind Project, and the development of additional natural gas in Cook Inlet.



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