



## Fact Sheet for Proposed Changes to Chapter 6: Industrial Sources

**Concerns:** In the Missoula Air Stagnation Zone, solid-fuel burning devices, devices with 1 million Btu/hr or less heat input, and larger industrial boilers that emit 25 tons or more of a regulated pollutant are required to obtain an installation permit. Small boilers, such as those commonly found at fuels for schools projects, have heat inputs over 1 million Btu/hr but do not emit 25 tons of any regulated pollutant such as PM<sub>2.5</sub>. Small boilers fall within a permitting gap and have minimal oversight of their operations or emissions.

Since most Missoula County residents live in mountain valleys prone to wintertime inversions that trap air pollution such as PM<sub>2.5</sub> on the valley floors, it is important that strong emission standards be set for all sources of PM<sub>2.5</sub>.

### Proposed Solution and Regulatory Change:

#### 1. Require permits for smaller boilers

- Throughout the county, require solid-fuel burning equipment with the heat input capacity to burn 1,000,000 BTU/hr or more to get an Air Quality Permit.

#### 2. Set a stringent PM<sub>2.5</sub> emission limit for small boilers

- Solid-fuel burning equipment with heat input capacity to burn 1,000,000 Btu/hr or more in the Air Stagnation Zone must meet LAER and cannot have particulate emissions in excess of 0.1 pounds per million Btu/hr heat input.
- Solid-fuel burning equipment with heat input capacity to burn 1,000,000 Btu/hr or more in the County but outside the Air Stagnation Zone must meet BACT and cannot have particulate emissions in excess of 0.2 pounds per million Btu/hr heat input.