

1) Can you give an example of what kind of program might be established?

One likely example that would be considered is a wood stove change-out program. This would allow the FNSB to provide credits to people who replace old style (higher polluting) wood stoves with EPA certified wood stoves (that have catalytic converters to re-burn combustion gases). It would likely be administered by the FNSB Air Quality staff.

2) How much do the wood boilers cost? Can they be converted to meet EPA standards?

Wood Boilers cost 8,000 – 12,000. Right now there is no “conversion” mechanism. We’re working to see if one can be developed – but there would be no way to predict success in the near future of developing a conversion unit. If there was an identified conversion method that consumed exhaust gases – that would be another likely example.

3) How many households are there in FNSB? About 30,000

- a. How many use wood boilers? Estimate is about 1,000 (Cold Climate Housing Research currently researching this)
- b. How many use non-EPA approved wood stoves? Estimate is about 5-6000 woodstoves total, with an estimate of 20%-33% non-EPA. (Also on CCHRC task list)

4) Brief history of increased EPA Standards & why?

This provides great background on fine particulate matter.  
[http://www.dec.state.ak.us/air/anpms/pm/pm\\_bckgrd.htm](http://www.dec.state.ak.us/air/anpms/pm/pm_bckgrd.htm)

This provides specific information on Fairbanks and PM 2.5.  
[http://www.dec.state.ak.us/air/anpms/pm/pm2-5\\_fbks.htm](http://www.dec.state.ak.us/air/anpms/pm/pm2-5_fbks.htm)

5) Economic study / impact of increased EPA standards on Fairbanks/Interior - evidence of impact?

None currently exist.

6) EPA Timeline for compliance? 3 years to have a Mitigation plan approved and in place.

7) FNSB efforts toward compliance – examples (in addition to this legislation)

\$2M research effort across winters on 2008-9 and 2009-10 to characterize and identify contributing sources and control measures to work into a program.

8) Other Allies in support of the bill: I understand Juneau is in the same situation. Anywhere else in Alaska?

State DEC , City & Borough of Juneau are the main two on AQ.