



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Environmental
Conservation

DIVISION OF AIR QUALITY
Air Non-Point & Mobile Sources

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July 30, 2020

Transmitted via Electronic Mail

Subject: Alaska Department of Environmental Conservation Approved Wood-Fired Heating Device List Updates

Dear Device Manufacturer:

This letter is a follow up to the June 1, 2020 communication that was transmitted via Electronic Mail regarding Alaska's Wood-Fired Heating Approved Device Lists (Approved Device Lists) and the certification test report review. The June 1, 2020 letter may be found [here: http://dec.alaska.gov/air/burnwise/standards/#Letters](http://dec.alaska.gov/air/burnwise/standards/#Letters), and the Approved Device List may be found at the top of this web page. The earlier communication and the information below is for all wood-fired heating devices (pellet and cordwood) that are allowed under 18 AAC 50.077. Hydronic cordwood stoves are prohibited and this letter does not apply to those devices.

Under 18 AAC 50.077(c)(2), in order for the Alaska Department of Environmental Conservation's (ADEC) Air Quality Division to approve a wood-fired heater model for installation within the Fairbanks nonattainment area, ADEC must accept the underlying certification test results of a valid U.S. Environmental Protection Agency (EPA) certification. ADEC has been reviewing certification test reports for those Step 2 devices that received EPA certification prior to May 15, 2020 but the Division has not completed its efforts. Because there are still reports that must have their initial reviews completed, ADEC will not be releasing the results of the review at the end of July as originally indicated in the June 1, 2020 letter.

To assist in your planning, a timeline of the anticipated next steps in ADEC's process and what to expect in the coming months is outlined below. There is also a web page entitled "Manufacturers & Vendors" referred below as 'webpage' and found [here https://dec.alaska.gov/air/burnwise/manufacturers-vendors/](https://dec.alaska.gov/air/burnwise/manufacturers-vendors/). This web page includes the information from this letter. It also provides detailed instructions, contact information and Frequently Asked Questions & Answers.

- **July 31, 2020:** To reduce confusion, on this date all color will be removed from the official ADEC approved lists, except the red indicating those devices that will be removed on September 1, 2020 for failure to meet the state's 1-hr filter pull standard of 6.0 grams per hour in any valid test run. Test reports that have a 'non-reported' 1-hr filter pull value, or a 1-hr filter pull not in grams per hour, will also be highlighted in red. Manufacturers may contact Steve Hoke at steven.hoke@alaska.gov if they feel their device has been highlighted in error.

- **August 31, 2020:** The results of the certification test report reviews will be posted in one of four category lists, on a separate webpage, as follows: Approved, Pending, Disapproved, Pending Review.
 - Approved List – will link to the normal approved list found here: <https://dec.alaska.gov/air/burnwise/standards/>
 - Pending List – Each device on this list will be categorized as either Pending Minor or Pending Major (please see June 1 letter for additional explanation). Each device on this list **will also remain on the Approved List** until a milestone date passes. The initial milestone date for each device will be November 1, 2020. Milestone dates are subject to change (see below for further details).
 - Disapproved List – This list will be comprised of devices:
 - with average emissions over the Alaska emission standards (2.0 grams per hour [g/hr] for stoves),
 - with a 1-hr filter pull value over 6.0 g/hr,
 - with a missing 1 hr filter pull value;
 - where the 1 hr filter pull value in g/hr is not reported in their test report; or
 - where ADEC was unable to locate a certification test report for review.

The Disapproved List is where those that are red-highlighted will reside for easy reference. Each device on this list will have a reason noted for being disapproved. The Disapproved List is not permanent and devices may be removed/approved if there is a substantive and relevant change in information demonstrating that the device meets the state requirements (see web page for instructions).

- Pending Review – This list will identify devices that have been EPA certified and not reviewed by ADEC (certified after May 15, 2020). ADEC is not intending to review devices on this list unless specifically requested to do so. Please see web page for instructions on requesting a review.
- **September 1, 2020:** All red highlighted devices will be removed from the Approved Device Lists for failing to meet 18 AAC 50.077(c)(3)(B)(ii) as described above.
- **September 1, 2020:** Manufacturers may request a copy of their devices' certification test report review summaries. Upon receiving a request, ADEC will email the summaries. Any potential errors or corrections to information found within the summaries should be brought to ADEC's attention as soon as possible so, if substantiated, they may be addressed or corrected. Please see web page for instructions on requesting report summaries and how to request corrections.
- **October 1, 2020:** Deadline for manufacturers to either submit information (new, revised, existing, or missing) for re-review of the identified minor or major deficiencies **OR** to submit a written commitment to providing new or revised information.
 - If a written commitment to provide information is submitted, the information must be submitted to ADEC by March 31, 2021. ADEC will revise the milestone date from November 1, 2020 to March 31, 2021 for those who submit a written commitment. Extension to March 31, 2021 is intended primarily for those that have determined they need a new certification test conducted or where certification labs may need to make extensive updates to the formal reports.
 - Please see the web page for detailed instructions on how to submit information to address the minor or major deficiencies.

- **October 15, 2020:** ADEC will **post all certification test report review summaries** that have been completed. Note: posted summaries will continue to be updated, if and when it is deemed necessary, due to updated or revised test report information. For those who submitted new information that ADEC deems acceptable after review, their summary sheets will be updated and device(s) will be removed from the Pending List or their milestone date will be changed, whichever is appropriate.
- **November 1, 2020:** For those devices that ADEC has not received additional information or a commitment from their manufacturer to address the identified deficiencies, the device will be removed from the Approved List and Pending List and moved to the Disapproved List. In these cases, movement to the Disapproved List will be due to ADEC not accepting the underlying certification test results of EPA's certification per 18 AAC 50.077(c)(2).
- **April 1, 2021:** For those devices whose milestone date was extended to March 31, 2021 and ADEC has not received additional information to address the identified deficiencies, the devices will be removed from the Approved List and Pending List to the Disapproved List. If new information is submitted, the device will remain on both the Approved list and the Pending list while ADEC performs its review. If deemed acceptable, the device will be approved and removed from the pending list. If additional information is required, another milestone date will be established to provide time for the manufacturer to respond. For those moved to the Disapproved List, the reason provided will be due to ADEC not accepting the underlying certification test results of EPA's certification per 18 AAC 50.077(c)(2).
- Devices with EPA approvals after May 15, 2020 – If you have a wood heating device model that was certified by EPA after May 15, 2020 and wish to sell your device in the Fairbanks nonattainment area, please see instructions on the web page to request a review of the certification test report.

If you have any questions you may contact Steven Hoke at 907-451-5172 or steven.hoke@alaska.gov. You may also contact me directly at cindy.heil@alaska.gov.

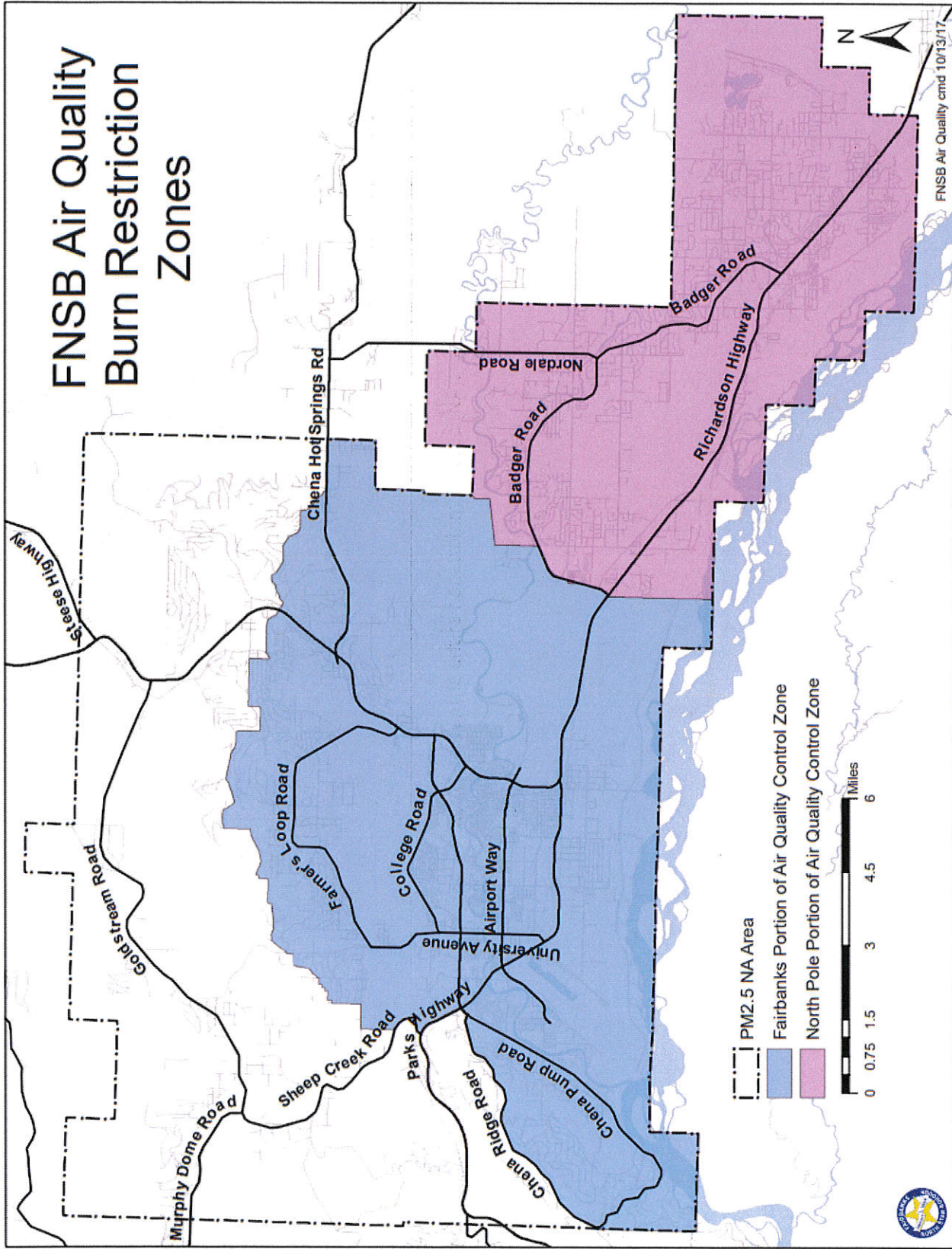
Sincerely,



Cindy Heil

Environmental Program Manager

FNSB Air Quality Burn Restriction Zones



Note: Solid Fuel Fired Standards and Requirements are for the entire nonattainment area (NA).