



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Environmental
Conservation

DIVISION OF AIR QUALITY
Director's Office

P.O. Box 111800
Juneau, Alaska 99811-1800
Main: 907.465.5105
Toll free: 866.241.2805
Fax: 907.465.5127
www.dec.alaska.gov

December 19, 2019

<Coffee Roaster Owner>
<Coffee Roasting Company>
<Street Address>
<City, AK ZIP>

Subject: Finalized Regulations – 18 AAC 50.078(d) Requirements for Coffee Roasters

Dear <Coffee Roaster Owner>:

This letter is to notify you that new regulations have been finalized that may affect your business. On December 9, 2019, the Department of Environmental Conservation (DEC) finalized regulations revisions within 18 AAC 50 that include provisions pertaining to coffee roasters within the Fairbanks North Star Borough (FNSB) fine particulate matter (PM_{2.5}) nonattainment area. The majority of the final regulations will be effective January 8, 2020.

The entire package of regulation revisions may be found at:

<http://dec.alaska.gov/air/anpms/communities/fbks-pm2-5-proposed-regs-2019/>. This web site includes the final regulations and air quality plan, as well as all the public notice versions. The department received a number of comments regarding these regulations during the public review process. The response to these comments may also be found at this link.

The new regulation for coffee roasting operations at 18 AAC 50.078(d) states:

(d) Commercial coffee roasters within an area identified in 18 AAC 50.015(b)(3) shall install a pollution control device, such as a catalytic oxidizer or thermal oxidizer, on any unit that emits 24 pounds or more of particulate matter in a 12-month period. The pollution control device must be appropriate to the unit and approved by the department. The device must be installed not later than one year from January 8, 2020 or before commencing operation, whichever is later. The department may waive the requirements of this subsection if the facility provides information demonstrating that control technology is technically or economically infeasible.

Based on feedback received during the public comment period, the department revised the final regulation for coffee roasters to provide an annual emission threshold of 24 pounds of PM_{2.5} below which no additional control or demonstration would be required. This threshold is equivalent to the roasting of 11,440 pounds or 5.72 tons of coffee per year. Coffee roasters producing less than this

amount would be excluded from the control requirements of 18 AAC 50.078(d). These small operations would still be subject to existing visible emission limits under 18 AAC 50.055.

Commercial coffee roasting operations that exceed the threshold are subject to the regulation and are required to install pollution control on their roaster unless they provide a demonstration to the department that control technology is technically or economically infeasible. If your coffee roaster is already controlled, no additional control is required. DEC staff can assist you in the process of making a feasibility determination, if needed.

If you have questions on the requirements or need technical assistance in order to comply, please feel free to contact Steven Hoke in DEC's Fairbanks office at (907) 451-5172 or steven.hoke@alaska.gov.

Sincerely,

A handwritten signature in cursive script that reads "Alice Edwards".

Alice Edwards
Director, Air Quality