

ADDITIONAL REGULATION NOTICE INFORMATION
(AS 44.62.190(d))

1. Adopting agency: Department of Environmental Conservation
2. General subject of regulation: 18 AAC 50 is being amended to adopt regulations regarding the Air Quality Control Plan for the Fairbanks North Star Borough Fine Particulate Matter (PM-2.5) Nonattainment Area.
3. Citation of regulation (may be grouped): 18 AAC 50.030
4. Department of Law file number, if any: 2020200458
5. Reason for the proposed action:
 - (X) Compliance with federal law or action: The proposed regulations are intended to meet the requirements of Section 110 (Title 42 U.S.C. Chapter 85 §7410), Sections 171-179 (Title 42, U.S.C. Chapter 85 §7501-7509), and Section 189 (Title 42 U.S.C. Chapter 85 §7513) of the Clean Air Act and, once adopted, will be submitted to the U.S. Environmental Protection Agency for approval.
 - () Compliance with new or changed state statute
 - () Compliance with federal or state court decision
 - () Development of program standards
 - () Other
6. Appropriation/Allocation: Air Quality/Non-Point and Mobile Sources
7. Estimated annual cost to comply with the proposed action to:

The Alaska Department of Environmental Conservation (ADEC), Air Quality Division in this *Air Quality Control Plan* update, proposes a number of technical updates to meet federal requirements as well as the addition of one new contingency measure for the Fairbanks North Star Borough fine particulate matter nonattainment area. The contingency measure, if triggered in the future, would reduce the threshold for calling curtailments of solid fuel heating during winter periods of poor air quality in the nonattainment area. If the measure is triggered in the future, there would be increased costs for compliance for private persons if the number of solid fuel heating curtailment days increase. However, the exact costs are difficult to project and highly uncertain because (as a result of implementing a suite of measures already included in the existing plan) there is a decreasing trend of PM-2.5 concentrations in the area and, should this trend result in continued air quality improvement, the frequency of episodic curtailments may also decrease in future years thus reducing projected cost impacts. If the measure is

not triggered, there are no identified additional compliance costs for private persons, state agencies, or local governments.

It should be noted that there is a direct cost to the state if it does not take action to meet the federal planning requirements and the Environmental Protection Agency issues a finding of failure to plan or implement the plan. This cost is estimated to be between \$91-\$197 million dollars in sanctioned federal highway funds and costs associated with a Federal Implementation Plan.

A private person: If the proposed contingency measure in the plan is triggered, residents and businesses that rely on wood or coal heat may see an increase in cost for fuel oil or natural gas used for space heating in lieu of wood or coal heat on a potentially increased number of curtailment days. As a result of switching to heating oil/gas rather than wood or coal on curtailment days, the increased cost to a household that is not eligible for a stage waiver is estimated at \$4.90-\$5.65 per curtailment day.

Another state agency: No identified additional compliance costs to other state agencies.

A municipality: No identified additional compliance costs to local governments.

8. Cost of implementation to the state agency and available funding (in thousands of dollars):

	Initial Year FY21	Subsequent Years
Operating Cost	\$0	\$0
Capital Cost	\$0	\$0
1002 Federal receipts	\$0	\$0
1003 General fund match	\$0	\$0
1004 General fund	\$0	\$0
1005 General fund/ program	\$0	\$0
Other (identify)	\$0	\$0

9. The name of the contact person for the regulation:

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Title: Program Manager
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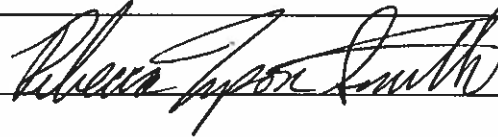
Telephone: 907-269-7579

E-mail address: cindy.heil@alaska.gov

10. The origin of the proposed action:

- ☐ Staff of state agency
☒ Federal government
☐ General public
☐ Petition for regulation change⁷
☐ Other (identify): _____

11. Date: September 10, 2020 Prepared by: _____



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Title: Environmental Program Specialist

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