

Alaska Department of Environmental Conservation



Amendments to:

State Air Quality Control Plan

Vol. III: Appendix III.D.7.14

{Appendix to Volume II. Analysis of Problems, Control Actions; Section III. Area-wide Pollutant Control Program; D. Particulate Matter; 7. Fairbanks North Star Borough PM_{2.5} Control Plan, Serious Requirements}

Replaced and Adopted

November 18, 2020

Michael J. Dunleavy, Governor

Jason W. Brune, Commissioner

Note: This appendix document provides the adopted language of the 2020 Amendment to Serious SIP for inclusion in this section of the State Air Quality Control Plan addressing the Fairbanks North Star Borough PM_{2.5} Serious nonattainment area. This document is a replacement for the 2019 Adopted Serious SIP Requirements.

(This page serves as a placeholder for two-sided copy)

Appendix III.D.7.14

2020 SIP Amendment

Contents

Affidavit of Public Hearing

Fairbanks North Star Borough Assembly Resolution of Support (R2020-37)

Affidavit of Response to Comments

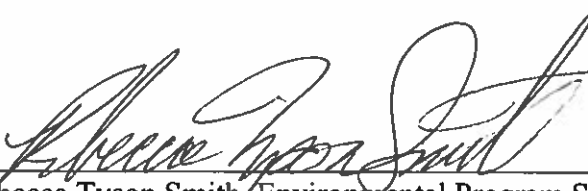
List of final MOVES input files

AFFIDAVIT OF ORAL HEARING

I, Rebecca Tyson Smith, Environmental Program Specialist, of The Department of Environmental Conservation, being sworn, state the following:

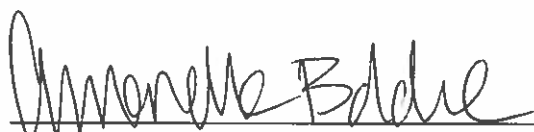
On October 15, 2020, at 1800 - 1930, telephonically using the Alaska State Legislature's Legislative Information Office hearing system, I presided over a public hearing held under AS 44.62.210 for the purpose of taking testimony in connection with the adoption of changes to 18 AAC 50, Air Quality Control revising regulations on air quality and the Serious State Implementation Plan (SIP) for the Fairbanks North Star Borough (FNSB) nonattainment area to demonstrate that the SIP will meet the annual five percent reduction in federal emission requirements identified in the Clean Air Act.

Date:

23 Oct 2020

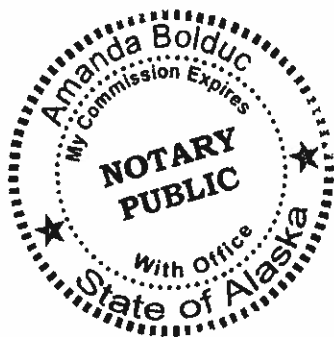
Rebecca Tyson Smith, Environmental Program SpecialistSubscribed and sworn to before me at 410 Willoughby Ave onOctober 23, 2020.

date



Notary Public in and for the State of Alaska

[NOTARY SEAL]



By: Bryce J. Ward, Mayor
Introduced: 09/24/2020
Advanced: 09/24/2020
Adopted: 10/08/2020

FAIRBANKS NORTH STAR BOROUGH

RESOLUTION NO. 2020 – 37

A RESOLUTION SUPPORTING THE ALASKA DEPARTMENT OF ENVIRONMENTAL
CONSERVATION'S PROPOSED CHANGES TO REGULATIONS ON AIR QUALITY AND TO
THE SERIOUS STATE IMPLEMENTATION PLAN (SIP) FOR THE FAIRBANKS NORTH
STAR BOROUGH NONATTAINMENT AREA

WHEREAS, In 2006, the United States Environmental Protection Agency
(EPA) strengthened the 24-hour ambient fine particulate (PM_{2.5}) standard from 65
micrograms per cubic meter (µg/m³) to 35 µg/m³; and

WHEREAS, In December 2009, the EPA designated part of the Fairbanks
North Star Borough (FNSB) a Moderate non-attainment area for the 2006 PM_{2.5} 24-hour
standard; and

WHEREAS, The Clean Air Act (CAA) requires states to submit an air quality
attainment plan known as a State Implementation Plan (SIP) to the EPA, which is an
enforceable plan developed at the state and local level that explains how an area will
comply with air quality standards; and

WHEREAS, The State of Alaska, Department of Environmental Conservation
(ADEC) submitted the Moderate Area SIP to EPA on December 31, 2014; and

WHEREAS, The Moderate Area SIP was an impracticability SIP as it could
not demonstrate attainment by the December 31, 2015 attainment date; and

WHEREAS, On December 16, 2016 the EPA published notice in the Federal
Register of its intent to reclassify the FNSB non-attainment area from Moderate to Serious
status, and the Final Rule was signed on April 28, 2017; and

WHEREAS, On September 8, 2017, the EPA approved the FNSB PM_{2.5}
Moderate Area SIP; and

WHEREAS, On November 19, 2019, ADEC adopted and submitted to EPA
the FNSB PM_{2.5} Serious Area SIP; and

43 WHEREAS, On September 2, 2020, the EPA issued a determination of failure
44 to attain by the attainment date and denial of Serious Area attainment extension request
45 in the Federal Register Vol. 85, No. 171; and
46

47 WHEREAS, The EPA finding of failure to attain and denial of extension
48 request triggered further statutory and regulatory requirements for the area, including a
49 new SIP submission meeting the requirements of Section 189(d) of the CAA by December
50 31, 2020; and
51

52 WHEREAS, ADEC is proposing to change regulations on air quality to revise
53 the State Air Quality Control Plan and the Serious SIP for the FNSB nonattainment area
54 ("the 2020 Amendments") in order to demonstrate that the SIP will meet the annual five
55 percent reduction in federal emission requirements identified in the CAA; ADEC worked
56 cooperatively with the FNSB to develop the 2020 Amendments to the Serious SIP to meet
57 the requirements of CAA Section 189(d) and to show that the amendments model
58 attainment by 2024; and
59

60 WHEREAS, The 2020 Amendments were released for public comment on
61 September 10, 2020; and
62

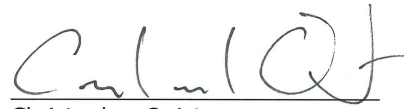
63 WHEREAS, The control measure package as presented in the draft 2020
64 Amendments contain necessary mitigation measures for the residential wood combustion
65 source category, the largest contributor to PM2.5 pollution, and are tailored for the
66 remote sub-arctic environment in Fairbanks; control measures focused on lesser
67 contributing source sectors, such as point sources and residential fuel oil, would have
68 severe economic impacts to the community and are not appropriate at this time.
69

70 NOW THEREFORE BE IT RESOLVED that the Assembly of the Fairbanks
71 North Star Borough fully supports the State of Alaska, Department of Environmental
72 Conservation's 2020 Amendments to the Serious SIP and specifically, the FNSB Assembly
73 supports the control measure package as an effective means to bring the community into
74 attainment.
75

76 BE IT FURTHER RESOLVED that the FNSB Assembly commits to a
77 coordinated effort with the State of Alaska Department of Environmental Conservation to
78 implement the control measure package, committing resources as allowable under FNSB
79 code, with the goal of attaining the 24-hour PM2.5 standard by 2024.
80

81 BE IT FURTHER RESOLVED that upon passage and approval, the FNSB Clerk
82 is directed to send signed copies of this resolution as soon as practicable to the Division
83 of Air Quality, Department of Environmental Conservation.

ADOPTED THE 8TH DAY OF OCTOBER 2020.



Christopher Quist
Presiding Officer

ATTEST:



April Trickey, CMC
Borough Clerk

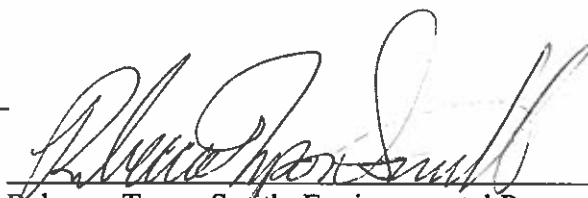
Yeses: Lyke, Lojewski, Sanford, Cash, Tomaszewski, Cooper, Williams, O'Neill, Quist
Noes: None

AFFIDAVIT OF AGENCY RECORD OF PUBLIC COMMENT

I, Rebecca Tyson Smith, Environmental Program Specialist, of the Department of Environmental Conservation, being duly sworn, state the following:

In compliance with AS 44.62.215, the Department of Environmental Conservation has kept a record of its use or rejection of factual or other substantive information that was submitted in writing and orally as public comment and that was relevant to the accuracy, coverage, or other aspect of the Department of Environmental Conservation regulation on air quality and the Serious State Implementation Plan (SIP) for the Fairbanks North Star Borough (FNSB) nonattainment area to demonstrate that the SIP will meet the annual five percent reduction in federal emission requirements identified in the Clean Air Act.

Date:

13 Nov 2020Rebecca Tyson Smith, Environmental Program Specialist

Subscribed and sworn to before me at

Juneau, Alaska

on

Nov 13, 2020

date

Notary Public in and for the State of Alaska

[NOTARY SEAL]

