

**Description of the Proposed Changes to 18 AAC 50 and State Implementation Plan
Sections and Appendices
Fairbanks PM_{2.5} SIP Revisions
August 2024**

Section	Discussion	Reason for Change
18 AAC 50.030(a)	18 AAC 50.030(a)—Update Volume III, Appendix to Volume II, Section II.A to adopt the revised regulations into the SIP.	DEC is amending the adoption date of the section to reflect the adoption of updated regulations and State Implementation Plan/State Air Quality Control Plan sections and appendices.
State Implementation Plan Section and Appendix	SIP Volume II, Section III.D.7.06, Emission Inventory; Volume III Appendix to Volume II, Section III.D.06	DEC is amending the SIP Section and Appendix to update the baseline year and emission control inventory developed in support of the 2024 Amendment to the Fairbanks Serious Area Plan.
State Implementation Plan Section and Appendix	SIP Volume II, Section III.D.7.07, Control Strategies; Volume III Appendix to Volume II, Section III.D.07	<p>DEC is amending the SIP Section and Appendix to establish the requirements for selecting control strategies and adopt the regulations necessary to make the controls permanent and enforceable.</p> <p>DEC will also be writing, public noticing, and issuing Air Quality Permits to incorporate the best available control technologies (BACT) emission limits listed in Volume II, Section III.D.7.07.13.8.2.1 and the corresponding</p>

		<p>monitoring, recordkeeping, and reporting (MR&R) requirements listed in Volume III Appendix to Volume II, Section III.D.07 for the sources listed in FNSB PM2.5 SIP Sections 7.7.13.8.3 – 7.7.13.8.7. The issued permits are anticipated to be completed this fall and will be adopted as part of this amended SIP for submission to EPA for approval.</p>
<p>State Implementation Plan Section and Appendix</p>	<p>SIP Volume II, Section III.D.7.08, Modeling; Volume III Appendix to Volume II, Section III.D.08</p>	<p>DEC is amending the SIP Section and Appendix in order to update the modeling platform, emission inventories, episode days, model performance, design values, and weight of evidence information in support of model selection.</p>
<p>State Implementation Plan Section and Appendix</p>	<p>SIP Volume II, Section III.D.7.09, Attainment Demonstration; Volume III Appendix to Volume II, Section III.D.09</p>	<p>DEC is repealing and readopting the SIP Section and Appendix in order to demonstrate that the control inventory analysis and modeling analysis support attainment.</p>
<p>State Implementation Plan Section and Appendix</p>	<p>SIP Volume II, Section III.D.7.10, Reasonable Further Progress and Quantitative Measures; Volume III Appendix to Volume II, Section III.D.10</p>	<p>DEC is repealing and readopting the SIP Section and Appendix in order to establish new Reasonable Further Progress (RFP) and Quantitative Milestones (QM) as future benchmarks to ensure progress toward attainment.</p>

<p>State Implementation Plan Section and Appendix</p>	<p>SIP Volume II, Section III.D.7.11, Contingency Measures; Volume III Appendix to Volume II, Section III.D.11</p>	<p>DEC is repealing and readopting the SIP Section and Appendix in order to clarify what the contingency measures (CM) for reducing emissions will be if attainment is not achieved by the target attainment date....</p>
<p>State Implementation Plan Section and Appendix</p>	<p>SIP Volume II, Section III.D.7.12, Emergency Episode Plan; Volume III Appendix to Volume II, Section III.D.12</p>	<p>DEC is amending the SIP Section and Appendix in order to incorporate the new contingency measures (CM) into the Emergency Episode Plan.</p>
<p>State Implementation Plan Section and Appendix</p>	<p>SIP Volume II, Section III.D.7.14, Conformity and MVEB; Volume III Appendix to Volume II, Section III.D.14</p>	<p>DEC is amending the SIP Section and Appendix in order to update the Motor Vehicle Emission Budget (MVEB) based on the new projected attainment date and Reasonable Further Progress (RFP) inventories.</p>