

**Description of the Proposed Changes to 18 AAC 50**  
**March 2014**

| Section                | Discussion  | Reason for Change   |
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| 18 AAC 50.010          | 18 AAC 50.010(1)(A)—amended to include cross-reference to the adopted test method.  | ADEC is amending the regulation to include a cross-reference to the adopted federal test method.  |
| 18 AAC 50.015          | 18 AAC 50.015(b)(2)(A)—repealed due to change of status of Mendenhall Valley area of Juneau from a non-attainment area to a maintenance area.<br>18 AAC 50.015(e)—inclusion of Mendenhall Valley in the list of areas subject to maintenance plan requirements. | ADEC needs to revise the regulations to reflect that the change of attainment status for Mendenhall Valley area of Juneau was approved by EPA.                            |
| 18 AAC 50.020, Table 2 | Addition of a minor source baseline date for the Northern Alaska Intrastate Air Quality Control Region for PM-2.5.  | The minor source baseline date was triggered upon receipt of a complete PSD application with significant PM-2.5 emissions in the region.                                  |
| 18 AAC 50.030          | Update of adoption date of <i>State Air Quality Control Plan</i> to adopt the State Implementation Plan (SIP) changes that address conformity regulation changes.   | The <i>State Air Quality Control Plan</i> is being updated.   |
| 18 AAC 50.035          | 18 AAC 50.035(a)—Adoption of <i>Quality Assurance Handbook for Air Pollutant Measurement Systems; Volume IV: Meteorological Measurements Version 2.0</i> (EPA-454/B-08-002).  | ADEC needs to adopt this handbook so that applicants use the proper methods for meteorological monitoring purposes.   |
|                        | 18 AAC 50.035(b)—Revised adoption date to incorporate most recent revisions to federal regulations adopted by reference.  | ADEC needs to adopt the most recent revisions to federal regulations.   |
|                        | 18 AAC 50.035(b)(1)—Adoption of 40 C.F.R. Part 50, Appendix C.  | EPA Region 10 noted that ADEC had not adopted Appendix C, Measurement Principles and Calibration Procedure for the Measurement of Carbon Monoxide in the Atmosphere (Non- |

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|  |   | Dispersive Infrared Photometry).  |
|  | 18 AAC 50.035(b)(3)—repealed adoption by reference of 40 C.F.R. Part 58, Appendix B, since it no longer exists  | ADEC adoptions need to reflect current EPA regulations.   |
|  | 18 AAC 50.035(b)—Addition of new adoptions by reference of Federal reference methods to address the need to use them for all sources, not just Title V sources.   | ADEC needs to clarify that Federal reference methods can be used for all source types.                                      |
| 18 AAC 50.040                          | 18 AAC 50.040(a) – (k)—Revised the lead-in language of each section to update the adoption by reference date to incorporate EPA’s most recent revisions to federal regulations adopted by reference in 18 AAC 50. | ADEC needs to adopt updated federal regulations so that applicable requirements are included in Title V permits.            |
|  | 18 AAC 50.040(h)(21)—Repealed 40. C.F.R. 52.22, Enforceable Commitments for Further Actions Addressing the Pollutant Greenhouse Gases (GHGs).   | EPA Region 10 requested that we repeal this provision, as it’s related to a Federal commitment not applicable to the state. |
|  | 18 AAC 50.040(i)(1)(B)—Included the definition for regulated NSR pollutant in the definitions adopted in this section.  | Allows ADEC to use the EPA definition for regulated NSR pollutant as it pertains to nonattainment areas.                    |
|  | 18 AAC 50.040(j)(9)—Repealed 40. C.F.R. 71.13, Enforceable Commitments for Further Actions Addressing Greenhouse Gases (GHGs)   | EPA Region 10 requested that we remove this, as it’s related to a Federal commitment not applicable to the state.           |
| 18 AAC 50, Article 2 Table of Contents | Revised the title of Article 2, Section 230 in the Table of Contents to reflect the title of the section.   | Clarifies the section title.  |
| 18 AAC 50.215                          | 18 AAC 50.215(a)(3)—Include a cross-reference to the adoption of the <i>Alaska Quality Assurance Project Plan for the State of Alaska Air Monitoring &amp; Quality Assurance Program</i> , in 18 AAC 50.030       | Clarifies that this adoption is applicable for meteorological monitoring work.  |
|  | 18 AAC 50.215(d)—Revised language to clarify applicability of SILs in modeling.   | Revised to address recent U.S. Court of Appeal decision vacating EPA language similar to the existing language.             |
| 18 AAC 50.220                          | 18 AAC 50.220(c)(1)(E) and 18 AAC 50.220(c)(2)—Revised language to point to   | ADEC needs to accurately cross-   |

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|   | new regulatory location for adoption of reference test methods.  | reference the adoption of test methods.   |
| 18 AAC 50, Article 5, Table of Contents | Added Section 510. Minor permit – Title V permit interface to the Table of Contents  | EPA Region 10 pointed out that this section had not been added to the table of contents when the section was added to the regulations.            |
| 18 AAC 50, Article 7                    | Revisions to the Transportation Conformity article.  | ADEC needs to ensure that transportation related revisions to the State Air Quality Control Plan will be in compliance with federal requirements. |
| 18 AAC 50.990                           | 18 AAC 50.990(32)—Correction of a word in the definition for “emissions unit”.   | EPA Region 10 pointed out that there was a typo.  |
|   | 18 AAC 50.990(90)—Revision of definition of “regionally significant project” to adopt the effective date of the regulation.                    | ADEC needs to update the definition to include the current effective date.  |
|   | 18 AAC 50.990(92)—Revision of language to clarify what definition for “regulated NSR pollutant” is used for which sections in 18 AAC 50.       | ADEC needs to revise to accommodate the changes made in 18 AAC 50.040(i)(1)(B).   |
|   | 18 AAC 50.990(121)—Revision of adoption date of “volatile organic compound (VOC)” definition to reflect changes made to the definition by EPA. | ADEC needs to update the definition to reflect the current EPA definition.  |
|   | 18 AAC 50.990(130)—Revision of definition of “transportation improvement program or TIP” to adopt the effective date of the regulation.        | ADEC updated the definition to include the current effective date.  |
|   | 18 AAC 50.990(133)—Addition of the definition for “metropolitan planning organization” to the regulations.                                     | ADEC needs to adopt a new definition in the regulations.  |
|   | 18 AAC 50.990(134)—Addition of the definition for “transportation control measure” to the regulations.   | ADEC needs to adopt a new definition in the regulations.  |