

**Description of the Proposed Changes to 18 AAC 50**  
**February 2016**

| Section                | Discussion                                                                                                                                                    | Reason for Change                                                                                                                                                                                                                                  |
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| 18 AAC 50.010          | 18 AAC 50.010(4)—amended to update ozone standard.                                                                                                            | ADEC is adopting the revised daily maximum eight-hour standard for ozone; EPA considers the revised standard now applicable for new or modified major emission sources and ADEC needs to adopt the standard for permit consistency purposes.       |
|                        | 18 AAC 50.010(7)—Repeal subsection. (sulfur dioxide)                                                                                                          | ADEC is repealing the subsection to streamline the regulations by removing standards not needed for any Alaskan sources. There are no sources in Alaska that are subject to this standard, and it is not a standard required by the Clean Air Act. |
| 18 AAC 50.020, Table 2 | Addition of a minor source baseline date for the South Central Alaska Intrastate Air Quality Control Region for fine particulate matter (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 50.035          | 18 AAC 50.035(a)(3)—Update adoption by reference date of Air Pollutant Emission Factors (AP-42) and provide a link to an on-line site where they can be found | ADEC is adopting updated emission factors so that applicable factors are used for permit calculations. The on-line link will provide access to the current emission factors available only on-line.                                                |

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|               | 18 AAC 50.035(a)(7)—Update adoption by reference of revised AERSCREEN User’s Guide.                                                                                                                               | ADEC is adopting the updated modeling system user’s guide to enable the use of the current guidelines.                  |
| 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 is adopting updated federal regulations so that applicable requirements are included in permits.                   |
|               | 18 AAC 50.040(a)(2)—Add new paragraphs to adopt new subparts.                                                                                                                                                     | ADEC is adopting federal regulations so that applicable requirements are included in permits.                           |
|               | 18 AAC 50.040(g)(3)—Update applicability date for 40 C.F.R. 62, Subpart HHH to correct date.                                                                                                                      | ADEC is adopting the correct applicability date for the subpart.                                                        |
| 18 AAC 50.055 | 18 AAC 50.055(a)(2)—Repeal the paragraph. (wood waste as fuel)                                                                                                                                                    | ADEC is repealing the paragraph to streamline the regulations by removing standards not needed for any Alaskan sources. |
|               | 18 AAC 50.055(a)(3)—Repeal the paragraph. (urea prilling tower)                                                                                                                                                   | ADEC is repealing the paragraph to streamline the regulations by removing standards not needed for any Alaskan sources. |
|               | 18 AAC 50.055(a)(7)—Repeal the paragraph. (kiln constructed at a Portland cement plant)                                                                                                                           | ADEC is repealing the paragraph to streamline the regulations by removing standards not needed for any Alaskan sources. |
|               | 18 AAC 50.055(a)(8)—Repeal the paragraph. (kiln constructed at a Portland cement plant)                                                                                                                           | ADEC is repealing the paragraph to streamline the regulations by removing standards not needed for any Alaskan sources. |
|               | 18 AAC 50.055(b)(4)—Repeal the paragraph. (wood waste as fuel)                                                                                                                                                    | ADEC is repealing the paragraph to streamline the regulations by removing standards not                                 |

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|               |                                                                                                                                                                                                   | needed for any Alaskan sources.                                                                                                                                                    |
|               | 18 AAC 50.055(b)(6)—Repeal the paragraph. (urea prilling tower)                                                                                                                                   | ADEC is repealing the paragraph to streamline the regulations by removing standards not needed for any Alaskan sources.                                                            |
|               | 18 AAC 50.055(f)—Repeal the subsection. (Portland cement plant)                                                                                                                                   | ADEC is repealing the subsection to streamline the regulations by removing standards not needed for any Alaskan sources.                                                           |
| 18 AAC 60.060 | 18 AAC 50.060—Repeal the section. (pulp mills)                                                                                                                                                    | ADEC is repealing the section to streamline the regulations by removing standards not needed for any Alaskan sources.                                                              |
| 18 AAC 50.215 | 18 AAC 50.215(a)(3)—EPA’s <i>Quality Assurance Handbook for Air Pollutant Measurement Systems; Volume IV; Meteorological Measurements Version 2.0</i> , adopted by reference in 18 AAC 50.035(a). | ADEC is clarifying that this adoption is applicable for meteorological monitoring work.                                                                                            |
| 18 AAC 50.345 | 19 AAC 50.345(o)—Revise the language to only require one copy of reports submitted under this section.                                                                                            | ADEC is reducing paperwork and work burden for facilities.                                                                                                                         |
| 18 AAC 50.346 | 18 AAC 50.346(b)—Adopt revised Standard Conditions.                                                                                                                                               | Standard Conditions I, VII, XV, and XVI are being revised to clarify language, reduce the number of copies of reports required to be submitted, and revise reporting requirements. |
| 18 AAC 50.410 | 18 AAC 50.410(a)—Remove a reference to a repealed statute.                                                                                                                                        | ADEC is revising the regulations so they reflect statutory language.                                                                                                               |
|               | 18 AAC 50.410(c)(2)—Add clarifying language to ensure emission are properly calculated for fee purposes.                                                                                          | ADEC is clarifying how emissions must be calculated for fee purposes.                                                                                                              |
| 18 AAC 50.502 | 18 AAC 50.502(c)—Add language to clarify language in the minor permitting program.                                                                                                                | ADEC is adding language to clarify that previously unpermitted sources will be required to get a minor permit if                                                                   |

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|                     |                                                                                                                                        | they increase emissions by a significant amount.                                                                                                                                                                                 |
| 18 AAC 50.542       | 18 AAC 50.542(b)(5)—Add language to clarify the timeline for fast track permit decisions.                                              | ADEC is clarifying that the timeline for fast track permit decisions is based on the receipt of a complete permit application.                                                                                                   |
|                     | 18 AAC 50.542(d)(1)—Add language to require a public notice when an alternative modeling technique is used for minor permit decisions. | ADEC is adding a requirement that when alternative modeling techniques are used for minor permit decisions, there will be a public notice addressing the use of the alternative so as to allow for public comment on the action. |
| Standard Conditions | Standard Condition I—Revise language to match regulations and clarify method for calculating emissions.                                | Revision makes language match that in the regulations and adds language to ensure that emissions are correctly calculated for fees purposes.                                                                                     |
|                     | Standard Condition VII—Revise language to clarify the number of copies that must be submitted.                                         | Reduces burden on permittees by requiring submission of only one copy of reports.                                                                                                                                                |
|                     | Standard Condition XV—Revise language to incorporate changes to reporting requirements made by EPA.                                    | The Standard Condition needs to reflect current reporting requirements for permits. The revised language ensures the correct information will be reported.                                                                       |
|                     | Standard Condition XVI— Revise language to incorporate changes to reporting requirements made by EPA.                                  | The Standard Condition needs to reflect current reporting requirements for permits. The revised language ensures the correct information will be reported.                                                                       |