

Description of the Proposed Changes to 18 AAC 50
October 2019

Section	Discussion	Reason for Change
18 AAC 50.030	18 AAC 50.030(a) and (a)(4)—Update adoption date of State Air Quality Control Plan due to revision of documents in plan and update adoption date of <i>Quality Assurance Project Plan for the State of Alaska Air Monitoring & Quality Assurance Program</i> ,	ADEC is updating adoption date of <i>Quality Assurance Project Plan for the State of Alaska Air Monitoring & Quality Assurance Program</i> .
18 AAC 50.040	18 AAC 50.040(a) – (k)—Revise 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 50.085; 18 AAC 50.090; 18 AAC 50.502; 18 AAC 50.540; 18 AAC 50.542; 18 AAC 50.990	18 AAC 50.085(a), (c), and Editor’s note; 18 AAC 50.090(a) and Editor’s note; 18 AAC 50.502(b)(6); 18 AAC 50.540(c) and (e); 18 AAC 50.542(f)(3); 18 AAC 50.990(78)—Amend the language.	ADEC is amending the language to reflect the name change of Port of Anchorage to Port of Alaska.
18 AAC 50.205	18 AAC 50.205(b)(1)—Amend the language.	ADEC is amending the language to cross-reference applicable revised Alaska Statute.
18 AAC 50.230	18 AAC 50.230(b)—Amend the language.	ADEC is adding a cross-reference to a new subsection.
	18 AAC 50.230(c)(2)(D)—Add language regarding record submission requirements	ADEC is adding language to require notification by electronic submission or allow other submission methods so as to be consistent with other eReporting requirements.
	18 AAC 50.230(f)—Add a new subsection. See note below at *	ADEC is adding a new subsection to establish a new Pre-Approved Emission Limit to allow for increased operational flexibility for diesel

		generating facilities, including rural utilities.
18 AAC 50.250	18 AAC 50.250(f)—Amend the language.	ADEC is updating the adoption date of a definition in federal regulations.
18 AAC 50.311	18 AAC 50.311(c)—Amend the language.	ADEC is adopting updated federal regulations so that applicable requirements are included in permits.
18 AAC 50.326	18 AAC 50.326(j)(3)—Amend the language.	ADEC is amending the language to include an applicable cross-reference.
18 AAC 50.346	18 AAC 50.346(a), (b), (c)—Amend the language.	ADEC is updating the adoption by reference date of the Standard Conditions.
	18 AAC 50.346(b) and Table 7—Adopt revised Standard Conditions.	Standard Conditions I - XVI are being revised to clarify language and revise reporting requirements.
	18 AAC 50.346(b)—Adopt a new Standard Condition.	ADEC is adopting a new Standard Condition for Reporting Requirements.
18 AAC 50.502	18 AAC 50.502(h)(2)— Amend the language.	ADEC is updating the adoption date of a definition in federal regulations.
18 AAC 50.990	18 AAC 50.990(40)—Update the adoption by reference date.	ADEC is adopting updated federal regulation definition so that applicable requirements are included in permits.
	18 AAC 50.990(42)(A)—Amend the language.	ADEC is adopting updated federal regulations so that applicable requirements are included in permits.

	18 AAC 50.990(121)—Update the adoption by reference date.	ADEC is adopting updated federal regulations so that applicable requirements are included in permits.
Standard Conditions	<p>Standard Conditions I - XVI—Revise language throughout all Standard Conditions.</p> <p>Please see detailed explanation of changes in separate document: Changes Made to Standard Conditions (January 17, 2018, Draft Revisions and August 2019 Revisions)</p>	ADEC is revising the language in the Standard Conditions to align language to regulatory language, add language to ensure emissions are properly calculated, update regulatory citations, update hyperlinks, add language to comply with reporting requirements, update contact information for emissions inventory reporting, and make minor changes to language. Additional changes made in August 2019 reflect comments received as part of 2018 comment period.

*** PAEL Explanation of Changes**

The Air Permits Program developed a new Pre-Approved Emission Limit (PAEL), permit avoidance tool that takes into account improvements in emissions factors based on EPA’s tiered emissions standards. This will allow diesel generating facilities to increase their annual fuel limits by using more representative emissions estimates for newer “tiered” diesel generators that have less emissions than the older pre-tiered units. The increased fuel limits will allow for more operational flexibility for diesel generating facilities, including many rural electric utilities that typically operate under a PAEL. The new PAEL’s monitoring, recordkeeping, and reporting requirements are less demanding than minor permits, which the PAEL is developed to avoid.

The previous PAEL for a new diesel generating facility would allow approximately 132,000 gallons of diesel fuel be consumed in any consecutive 12 months. The newly developed PAEL has a diesel fuel limit corresponding to the lowest tiered engine at the facility; allowing 200,000; 300,000; 500,000; and 1,000,000 gallons of diesel fuel be consumed in any 12 consecutive months for engine tiers 1; 2; 3; and 4 respectively.