

Alaska Department of Environmental Conservation



Amendments to:
State Air Quality Control Plan

Volume II: III.K.10

Commitment to Future 308 Plan Revisions

Regional Haze

Adopted

December 17, 2015

Bill Walker
Governor

Larry Hartig
Commissioner

III.K.10 COMMITMENT TO FUTURE 308 PLAN REVISIONS

Section 51.308(f) of the Regional Haze Rule requires that regional haze plans be revised and submitted to EPA by July 31, 2018, and every ten years thereafter. In accordance with those requirements, ADEC commits to revising and submitting this Plan by July 31, 2018, and every ten years thereafter as required.

On December 17, 2015 ADEC adopted the first Regional Haze Progress Report, see Appendix III.K.10. The report was submitted to EPA on [DATE].

40 CFR 51.308(g) requires states to submit a progress report to EPA every five years evaluating progress towards the reasonable progress goal(s). The first progress report is due five years from the submittal of the initial implementation plan and must be in the form of an implementation plan revision that complies with 40 CFR Sections 51.102 and 51.103. At a minimum, the progress reports must contain the elements in 40 CFR 51.308(g)(1) through (7) for each Class I area as summarized below.

1. Implementation status of the current SIP measures;
2. Summary of emissions reductions;
3. Assessment of worst and best days;
4. Analysis of emission reductions by pollutant;
5. Significant changes in anthropogenic emissions;
6. Assessment of the current SIP sufficiency to meet reasonable progress goals; and
7. Assessment of visibility monitoring strategy.

In accordance with the requirements listed in Section 51.308(g) of the federal regional haze rule, ADEC commits to submitting a report on reasonable progress to EPA every five years following the initial submittal of the SIP, with the first report to be submitted by July 31, 2013. The reasonable progress report will evaluate the progress made towards the reasonable progress goal for each mandatory Class I area located within Alaska and in each mandatory Class I area located outside Alaska, which may be affected by emissions from Alaska. It will also assess whether emissions from any new major point source have the potential to impact Class I visibility. If this occurs, ADEC will reassess the need for control of these sources and further evaluate controls options during this five-year period to determine whether additional emission reductions in these sources would improve Class I area visibility in the next planning period. Likewise, should Golden Valley Electrical Association (GVEA) Healy Power Plant Unit 2 be restarted, ADEC will reassess the need for control of the source and further evaluate control options during this five-year period to determine whether additional emission reductions would improve Class I area visibility in the next planning period.

ADEC will also evaluate the monitoring strategy adequacy in assessing reasonable progress goals. This assessment will be submitted as part of the SIP submissions.

Revisions and progress reports depend on future visibility monitoring. Assessment of monitoring strategy and analysis of monitoring data is required for progress reports. Alaska will depend on the IMPROVE monitoring program to collect and report data for reasonable progress tracking of the three Alaska Class 1 Areas currently monitored. Because Regional Haze is a long-term tracking program with a 60-year implementation period, Alaska expects the configuration of the

monitors, sampling site locations, laboratory analysis methods and data quality assurance, and network operation protocols will not change, or if changed, will remain directly comparable to those operated by the IMPROVE program during the 2000-2004 Regional Haze baseline period. Technical analyses and reasonable progress goals in this plan are based on data from these sites.

Alaska plans to use data reported by the IMPROVE program with the analysis tools found at the Visibility Information Exchange Web System (VIEWS), and those sponsored by the WRAP. Alaska will depend on the routine, timely reporting of monitoring data by the IMPROVE program to VIEWS for the tracking reasonable progress. Alaska will continue to rely on U.S. EPA to operate the IMPROVE monitoring network.

40 CFR 51.308(h) requires that states determine the adequacy of their existing SIP revision. In accordance with this requirement, ADEC commits to submitting a determination of adequacy of its regional haze SIP revision whenever a progress report is submitted. Depending on the findings of its five-year review, ADEC will take one or more of the following actions at that time, whichever actions are appropriate or necessary:

- If ADEC determines that the existing State Implementation Plan requires no further substantive revision in order to achieve established goals for visibility improvement and emissions reductions, ADEC will provide to the EPA Administrator a negative declaration stating that further revision of the existing plan is not needed.
- If ADEC determines that its implementation plan is or may be inadequate to ensure reasonable progress as a result of emissions from sources in one or more other states that participated in the regional planning process, ADEC will provide notification to the EPA Administrator and to those other states. ADEC will also collaborate with the other states through the regional planning process for the purpose of developing additional strategies to address any such deficiencies in Alaska's plan.
- If ADEC determines that its implementation plan is or may be inadequate to ensure reasonable progress as a result of emissions from sources in another country, ADEC will provide notification, along with available information, to the EPA Administrator.
- If ADEC determines that the implementation plan is or may be inadequate to ensure reasonable progress as a result of emissions from sources within the state, ADEC will revise its implementation plan to address the deficiencies