



APPENDIX A

Regional Haze State Implementation Plan (SIP) Checklist

Division of Environmental Quality

Office of Air Quality

Regional Haze Rule Citation	Requirement Abstract	Location in SIP
Calculations of baseline, current, and natural visibility conditions; progress to date; and the uniform rate of progress—51.308(f)(1)		
51.308(f)	Statement indicating adherence to progress report guidelines	Chapter IV
51.308(f)	Identification of affected Class I areas	Chapter II Chapter III
51.308(f)(1)(i)	Establish baseline conditions using years 2000–2004	Chapter II
51.308(f)(1)(ii)	Calculate natural visibility conditions	Chapter II
51.308(f)(1)(iii)	Use most recent 5-year period to calculate current visibility conditions	Chapter II
51.308(f)(1)(iv)(A)	Determine uniform rate of progress (URP) for each in-state Class I area	Chapter II
51.308(f)(1)(iv)(B)	Optional: Make adjustments to URP based on anthropogenic sources from outside of the United States or impacts from prescribed fires	Chapter II
Long-Term Strategy (LTS) for Regional Haze—51.308(f)(2)		
51.308(f)(2)(i)	Determine sources to evaluate using four-factor analysis and describe criteria used for this determination	Chapter V Appendices F-I
51.308(f)(2)(i)	Evaluate & determine necessary emission reduction measures using four-factor analysis	Chapter V
51.308(f)(2)(ii)	Consult & coordinate with states that might contribute to visibility impairment in Class I areas	Chapter III and Appendix D

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51.308(f)(2)(ii)(A)	Demonstrate inclusion of measures agreed to during state-to-state consultation and/or regional planning process	Chapter VI and Appendix D
51.308(f)(2)(ii)(B)	Consider emission reduction measures identified by other states for their sources	To be included in a subsequent proposal
51.308(f)(2)(ii)(C)	If the state disagrees with other states regarding measures necessary to make reasonable progress, describe actions taken to resolve the disagreement	Not Applicable (Consultation in Appendix D)
51.308(f)(2)(iii)	Document the technical basis that is used to determine the necessary emission reduction measures to make reasonable progress in each Class I area the state effects OR reliance on the technical analysis developed through a regional planning process if it is approved by all participating states	Chapter V
51.308(f)(2)(iv)(A)	Include in LTS the emission reductions due to ongoing air pollution control programs, including measures for addressing reasonable attributable visibility impairment (RAVI)	Chapter VI
51.308(f)(2)(iv)(B)	Include in the LTS measures to mitigate impacts of construction activities	Chapter VI
51.308(f)(2)(iv)(C)	Include in the LTS source retirement and replacement schedules	Chapter VI
51.308(f)(2)(iv)(D)	Include in the LTS, prescribed fire basic smoke management practices	Chapter VI
51.308(f)(2)(iv)(E)	Include in the LTS, anticipated net effect on visibility due to projected changes in point, area, and mobile source emissions	Chapter VI

Regional Haze Rule Citation	Requirement Abstract	Location in SIP
Reasonable Progress Goals (RPGs)—51.308(f)(3)		
51.308(f)(3)(i)	Establish RPGs in deciviews or each in-state Class I area that provide for improvement on most impaired days since the baseline and ensure no degradation of visibility for the clearest days since the baseline	Chapter VI
51.308(f)(3)(ii)(A)	If RPGs for most impaired days slower than URP: (1) Robust demonstration explaining why no emission reduction measures are reasonable; (2) Assessment of number of years it would take to attain natural visibility conditions at rate of progress consistent with RPGs	Chapter VI
51.308(f)(3)(ii)(B)	If a demonstration under 51.308(f)(3)(ii)(A) is required, demonstration that no additional emission reduction measures for anthropogenic sources that might impact other states are reasonable	Chapter VI
51.308(f)(4)	If advised by EPA or FLMs that additional monitoring is necessary to assess RAVI: appropriate strategy for evaluating RAVI by visual observation of other appropriate monitoring techniques	Not Applicable (Monitoring strategy in Chapter VII)
51.308(f)(5)	Address progress report requirements 51.308(g)(1)–(5) for elements since last progress report	Chapter IV
Monitoring Strategy & Other Plan Requirements—51.308(f)(6)		
51.308(f)(6)	Monitoring strategy for measuring, characterizing, and reporting of RAVI at Class I Areas <u>OR</u> participation in the Interagency Monitoring of Protected Visual Environments	Chapter VII

Regional Haze Rule Citation	Requirement Abstract	Location in SIP
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51.308(f)(6)(i)	Establishment of additional monitoring sites or equipment to assess RPG progress, if needed	Chapter VII
51.308(f)(6)(ii)	Procedures used with monitoring data and other information to determine contribution of emissions to visibility impairment at Class I Federal Areas within and outside the state	Chapter VII
51.308(f)(6)(iii)	For states with no Class I Areas: procedures used with monitoring data and other information to determine contribution of emissions to visibility impairment of Class I Federal Areas outside the state	Not Applicable
51.308(f)(6)(iv)	Annual reporting of all visibility monitoring data to the Administrator	Chapter VII
51.308(f)(6)(v)	Statewide inventory of emissions reasonably anticipated to contribute to visibility impairment in any Class I Federal Area	Chapter VII
51.308(f)(6)(vi)	Other elements: reporting, recordkeeping, other measures necessary to assess and report on visibility	Chapter VII
Progress Report Requirements—51.308(g)		
51.308(g)(1)	Status of control strategies since most recent progress report	Chapter IV
51.308(g)(2)	Emissions reductions achieved through implementation of control strategies	Chapter IV
51.308(g)(3)	Visibility progress since most recent progress report	Chapter IV

Regional Haze Rule Citation	Requirement Abstract	Location in SIP
51.308(g)(4)	Change in visibility impairing pollutants since most recent progress report	Chapter IV
51.308(g)(5)	Assessment of significant changes in anthropogenic emissions of visibility impairing pollutants, including whether the changes were anticipated and whether they are limiting or impeding progress	Chapter IV