

Regional Haze SIP Submittal Checklist

MANE-VU Modeling & Control Strategy Meeting

June 12 – 13, 2006

Cherry Hill, NJ

Regional Haze SIP Checklist

- **The Regional Haze SIP Checklist was developed by the EPA Regional Office Staff and OAQPS to aid the Regional Offices in the completeness review of the submitted SIPs.**

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- The checklist focuses on the elements of the SIP, not the content.
- **This is a guide, it is not a regulation and does not change or substitute for any legal requirement in the Clean Air Act (CAA) or regional haze rule.**

Regional Haze SIP Checklist

- For each SIP element, the checklist includes:
 - the Regulation Citation,
 - a Regulation Summary,
 - the location in SIP submittal,
 - listings of additional guidance, and
 - any other references.

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Draft EPA Checklist for Regional Haze SIPs Submitted Under 40 CFR 51.308 - 4/28/06 Staff Draft

SIP Submittal Checklist for Regional Haze SIPs Submitted under 40 CFR 51.308				
	Regulation Citation	Regulation Summary (<i>not verbatim</i>)	Location in SIP	References
	(d)(2)(i)	In calculating the baseline visibility conditions, did the State estimate the average degree of visibility impairment for the most and least impaired days for each calendar year from 2000 to 2004, and then determine the average of these annual values?		
	(d)(2)(i)	If the State has Class I areas without onsite monitoring data for 2000 - 2004, did the State use the most representative available monitoring data for 2000 - 2004 to establish baseline values, in consultation with the EPA Regional Office?		<ul style="list-style-type: none"> • p. 35728-29 of the 1999 RHR • Visibility Monitoring Guidance
	(d)(2)(iii)	Did the State calculate natural visibility conditions for the most impaired and least impaired days by estimating the degree of impairment based on available monitoring information and appropriate data analysis techniques?		<ul style="list-style-type: none"> • p. 35764, 35729-30 of the 1999 RHR • Natural Visibility Guidance
	(d)(2)(iv)A	Did the State calculate the number of deciviews by which baseline conditions exceed natural visibility conditions for the most impaired and least impaired days for the first planning period?		<ul style="list-style-type: none"> • p. 35732 of the 1999 RHR
	(d)(3)	Did the State submit a LTS that addresses visibility impairment for each Class I area, inside and outside the State, which may be affected by the State's emissions?		<ul style="list-style-type: none"> • p. 35734-35 of the 1999 RHR
	(d)(3)	Does the LTS include enforceable emissions limitations, compliance schedules, and other measures as necessary to achieve the RPGs established by States having Class I areas?		<ul style="list-style-type: none"> • p. 35734-35 of the 1999 RHR

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Regulation Citation

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EPA Checklist for Regional Haze SIPs Submitted Under 40 CFR 51.308 - 4/28/06 Staff Draft

SIP Submittal Checklist for Regional Haze SIPs Submitted under 40 CFR 51.308

Regulation Citation	Regulation Summary	Guidance
(d)(2)(i)	State calculate natural visibility conditions for the impaired and least impaired days by estimating the degree of impairment based on available monitoring data and appropriate data analysis techniques?	<ul style="list-style-type: none"> • p. 35764, 35729-30 of the 1999 RHR • Natural Visibility Guidance
(d)(2)	State calculate the number of deciviews by which natural visibility conditions exceed natural visibility conditions for the impaired and least impaired days for the first impairment period?	<ul style="list-style-type: none"> • p. 35732 of the 1999 RHR
(d)(2)(i)	State submit a LTS that addresses visibility impairment for each Class I area, inside and outside the area which may be affected by the State's emissions?	<ul style="list-style-type: none"> • p. 35734-35 of the 1999 RHR
(d)(2)	Do the LTS include enforceable emissions limitations, implementation schedules, and other measures as necessary to achieve the RPGs established by States having Class I areas?	<ul style="list-style-type: none"> • p. 35734-35 of the 1999 RHR

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The Regulation Citation indicates exactly where the requirement for each SIP element can be found.

Regulation Summary

Draft EPA Checklist for Regional Haze SIPs Submitted Under 40 CFR 51.308 - 4/28/06 Staff Draft

Regulation Summary (not verbatim)		Submitted under 40 CFR 51.308	
		Location in SIP	References
	In calculating the baseline visibility conditions, did the State estimate the average degree of visibility impairment for the most and least impaired days for each calendar year from 2000 to 2004, and then determine the average of these annual values?		
	If the State has Class I areas without onsite monitoring data for 2000 - 2004, did the State use the most representative available monitoring data for 2000 - 2004 to establish baseline values, in consultation with the EPA Regional Office?		
	Did the State calculate natural visibility conditions for the most impaired and least impaired days by estimating the degree of impairment based on available monitoring information and appropriate data analysis techniques?		
	Did the State calculate the number of deciviews by which baseline conditions exceed natural visibility conditions for the most impaired and least impaired days for the first planning period?		• p. 35734-35 of the 1999 RHR
	Did the State submit a LTS that addresses visibility impairment for each Class I area, inside and outside the State, which may be affected by the State's emissions?		• p. 35734-35 of the 1999 RHR
	Does the LTS include enforceable emissions limitations, compliance schedules, and other measures as necessary to achieve the RPGs established by States having Class I areas?		

The Regulation Summary is structured in the form of a question. The ultimate goal is for the SIP reviewer to answer "Yes" or "N/A" for each SIP element.

Location in the SIP

The reviewer will fill in the location of each element in the SIP for easy reference.

6		Under 40 CFR 51	Location in SIP	References
		IPs Submitted u	Location in SIP	References
	estimate the average degree of visibility impairment for the most and least impaired days for each calendar year from 2000 to 2004, and then determine the average of these annual values?			
	(d)(2)(i) If the State has Class I areas without onsite monitoring data for 2000 - 2004, did the State use the most representative available monitoring data for 2000 - 2004 to establish baseline values, in consultation with the EPA Regional Office?			the 1999 RHR Monitoring Guidance
	(d)(2)(iii) Did the State calculate natural visibility conditions for the most impaired and least impaired days by estimating the degree of impairment based on available monitoring information and appropriate data analysis techniques?			7-30 of the 1999 RHR Visibility Guidance
	(d)(2)(iv)A Did the State calculate the number of deciviews by which baseline conditions exceed natural visibility conditions for the most impaired and least impaired days for the first planning period?			1999 RHR
	(d)(3) Did the State submit a LTS that addresses visibility impairment for each Class I area, inside and outside the State, which may be affected by the State's emissions?			the 1999 RHR
	(d)(3) Does the LTS include enforceable emissions limitations, compliance schedules, and other measures as necessary to achieve the RPGs established by States having Class I areas?			the 1999 RHR

References

Draft EPA Checklist for Regional Haze SIPs Submitted Under 40 CFR 51.101			References
SIP Submittal Checklist for Regional Haze SIPs Submitted Under 40 CFR 51.101			
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(d)(2)(i)	In calculating the baseline visibility conditions, did the State estimate the average degree of visibility impairment for the most and least impaired days for each calendar year from 2000 to 2004, and then determine the average of these		<ul style="list-style-type: none"> • p. 35728-29 of the 1999 RHR • Visibility Monitoring Guidance
	ring data ntative ish onal		<ul style="list-style-type: none"> • p. 35764, 35729-30 of the 1999 RHR • Natural Visibility Guidance
	for the ng the g information and appropriate data analysis techniques?		<ul style="list-style-type: none"> • p. 35732 of the 1999 RHR
(d)(2)(iv)A	Did the State calculate the number of deciviews by which baseline conditions exceed natural visibility conditions for the most impaired and least impaired days for the first planning period?		
(d)(3)	Did the State submit a LTS that addresses visibility impairment for each Class I area, inside and outside the State, which may be affected by the State's emissions?		<ul style="list-style-type: none"> • p. 35734-35 of the 1999 RHR
(d)(3)	Does the LTS include enforceable emissions limitations, compliance schedules, and other measures as necessary to achieve the RPGs established by States having Class I areas?		<ul style="list-style-type: none"> • p. 35734-35 of the 1999 RHR

The references direct the reader to any additional guidance or language for each SIP element.

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	(d)(3)	Does the LTS include enforceable emissions limitations, compliance schedules, and other measures as necessary to achieve the RPGs established by States having Class I areas?		<ul style="list-style-type: none"> • p. 35734-35 of the 1999 RHR

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