

# Status of Regional Haze Planning and BART Determinations



WRAP Workshop on Regional Support  
for Air Quality Planning in the West

September 30, 2008

# General Status, Initial SIPs

- WRAP regional technical work for initial SIPs has been done for about a year
- States are at various stages of SIP preparation and submittal
  - Including BART Emission Determinations
- WRAP assistance to individual states in plan preparation and BART as needed
- WRAP will support approval process

# Estimated Dates of Completion of BART and §308, 309, and 309(g) Regional Haze SIPs

As of September 2008

State	BART Determinations	SIP Hearing(s)	SIP Adoption(s)
AK	March 2009	Late 2009	Complete 308 SIP – Fall 2010
AZ*	2009	Late 2008 Late 2009	309 Revisions – December 2008 309(g) – December 2009
CA	All but a few completed by local districts	FLM consultation underway	Complete 308 SIP – Completion dates not provided
CO	Mostly Complete – Fall 2008	308 SIP admin. process underway RPG SIP – 2009	308 SIP with BART – December 2008 RPG SIP – Late 2009
HI	Unknown	Unknown	Complete 308 SIP – Late 2010
ID	August 2008	November 2008	Complete 308 SIP – December 2008
MT (EPA R8)	Analyses Nov 2007 Comments Pending	Undetermined	Complete 308 SIP – Date undetermined
NV	Late 2008	November 2008	Complete 308 SIP – December 2008
NM*/ Albuquerque*	late 2008/ N/A	Pub. Notice - Oct 2008/ Done	309 revisions & 309(g) – December 2008/ Done
ND	Done	BART in process RPG SIP – April 2008	BART – October 2008 RPG SIP – mid-2009
OR	Late 2008	Late 2008	Complete 308 SIP – April 2009
SD	Fall 2008	Fall 2008 Early 2009	BART – Late 2008 308 SIP – Mid-2009
UT*	Done	Done	Done
WA	September 2008	2009	Complete 308 SIP – Second Quarter 2009
WY*	Late 2008	309 revisions - June 2008 - Admin process underway 309(g) – Early 2009	309 revisions – In Governor's office with recommendations to adopt. 309(g) – Mid 2009
Tribal Sources (EPA – Navajo, Four Corners)	End of 2008	N/A	N/A

WRAP is assisting & can provide additional assistance to States & EPA to complete their initial haze plans

- With regional technical work complete until BART across region is known:
- Help with BART & with Reasonable Progress is ongoing
- More assistance is possible
- Need to identify specific modifications to current WRAP 2008-09 workplan funded by EPA grant

# BART assistance

- States & EPA determine what analysis is needed
- Focus is on SO<sub>2</sub> and NO<sub>x</sub> emissions
- WRAP staff and contractors are providing or can provide:
  - Sharing of state & EPA BART analyses & determinations on monthly calls (ongoing since 1/08)
  - Testing of visibility improvement (using CalPuff model) of state-analyzed BART emissions controls to compare to source-provided visibility analysis (can do as needed)
- Each state uses in determining BART for individual sources setting RP goals for haze SIP

# Reasonable Progress Analysis assistance

- States determines sources and categories for analysis (exclude BART, Mobile, and Smoke Management)
- Focus is on  $\text{SO}_2$  and  $\text{NO}_x$  emissions
- WRAP staff and contractors are providing & can provide:
  - Emissions analysis
  - 4-factor analysis support
- States use analysis & support results in setting RP goals for haze SIP

# Completing Regional Haze SIPs - WRAP services options

*September 23, 2008 status*

		Reasonable Progress Analysis	
	BART CalPuff modeling of state options for emissions controls	Assistance with emissions analyses for state-selected sources and categories to be included	Assistance with CAA 4-factor analysis for state-selected sources and categories to be included
AK			
AZ	No?		
CA	No?	No?	No?
CO	No	No	No
HI			
ID			
MT	N/A - being done by R8		
ND	No?		
NM			
NV	Yes		
OR	Done		
SD			
UT	Done		
WA	No	Yes	Yes
WY	No?	No?	Yes
Bernalillo County	Done		

# Going Forward with Regional Haze

- WRAP activities will continue and include full spectrum of regional haze support:
  - Some states with submittal dates a year or more in the future
    - Ongoing TSS & other web systems' technical assistance
    - Support for Reasonable Progress analyses
    - BART assistance, as requested
  - Tribal support as needed
  - As states submit SIPs, support approval process
    - Similar model as 309 coordination
  - Implementation support
    - Regional tracking and reporting, coordination, consultation, etc.
  - Regional technical support for 2012 check-in

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