



DEPARTMENT OF ENVIRONMENTAL QUALITY

**Fine Particulate Matter (PM-2.5) Implementation Workgroup
Meeting Agenda & Minutes**

Project/Activity	PM-2.5 Implementation Workgroup Meeting	Scribe	Bobby Lute	Phone	804-698-4410
Purpose of Mtg.	To develop a policy to be used by the Commonwealth of Virginia to implement air permitting, air quality assessment, compliance and monitoring procedures for PM-2.5.				
Technical Lead	Mike Kiss	Phone	804-698-4460		
Meeting Date	April 10, 2008	Time	9:30 AM - 2:30 PM	Location	DEQ Central Office 629 East Main St. Richmond, Virginia

Next Meeting	Date	May 21, 2008	Time	9:30 AM – 3:30 PM	Location	DEQ Central Office
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<input checked="" type="checkbox"/> =In Attendance		
<input checked="" type="checkbox"/> Mike Dowd – DEQ	<input checked="" type="checkbox"/> Dave Shea – ENSR	<input checked="" type="checkbox"/> Barbara Wunder – Merck
<input checked="" type="checkbox"/> Mike Kiss – DEQ	<input checked="" type="checkbox"/> Larry Labrie – Dominion	<input checked="" type="checkbox"/> David Husain – Merck
<input checked="" type="checkbox"/> Tamera Thompson – DEQ	<input checked="" type="checkbox"/> Lenny Dupuis – Dominion	<input checked="" type="checkbox"/> Maureen Barrett – AERO Engineering Services
<input checked="" type="checkbox"/> Tom Ballou – DEQ	<input checked="" type="checkbox"/> Bill Skrabak – City of Alexandria	<input checked="" type="checkbox"/> Michele Satterlund – City of Alexandria
<input checked="" type="checkbox"/> Bobby Lute – DEQ	<input checked="" type="checkbox"/> Ana Prados – Sierra Club	
<input checked="" type="checkbox"/> Jerome Brooks – DEQ	<input checked="" type="checkbox"/> Malay Jindal – MACTEC	
<input checked="" type="checkbox"/> Dave Cramer – Mirant	<input checked="" type="checkbox"/> Ryan Gesser – Georgia Pacific	

#	Agenda Topic (Add Rows as Needed)	Agenda Owner(s)
1	Introduction	Dowd, Kiss
2	Summary of Workgroup Goals	Kiss
3	Overview/Discussion of Existing EPA and State Policies	Kiss
4	Discussion of Specific Issues and Draft Policy Outline	Kiss
5	Next Steps	Kiss

Follow Up Assignments/Key Issues to Be Resolved			
#	Task	Assigned To	Due Date
3 - 5	Provide specific input on the DEQ's draft PM-2.5 policy outline. Include an explanation of the specific challenges associated with each aspect of the policy. Particular focus should be given to emissions calculations and the ambient air quality impact analysis which are not likely to be addressed in EPA's pending guidance.	Group	5/1/2008
	Identify additional issues that are not covered by the DEQ's draft outline or concerns with the elements of the existing draft policy outline including proposed recommendations and solutions to these issues.	Group	5/1/2008

Follow Up Assignments/Key Issues to Be Resolved			
#	Task	Assigned To	Due Date
3 - 5	Evaluate the draft policy outline and propose recommendations for improving its structure. For example, one section that addresses emissions calculations could apply to existing, new and modified sources in attainment or non-attainment areas.	Group	5/1/2008

#	KEY DECISIONS MADE		
3 - 5	Group to initially focus on topics that will likely not be addressed by EPA's PM-2.5 pending implementation rule. Issues identified include emissions calculations and ambient air quality impact analysis.		
	Submittal of "Follow Up Assignments" due to Mike Kiss via e-mail no later than May 2, 2008.		

#	MEETING MINUTES		
1	Attendees were welcomed and thanked for volunteering to participate on the workgroup; introductions followed		
2, 3	Workgroup goals were summarized. An overview of current DEQ PM-2.5 policy was provided and it was noted that the DEQ policy is endorsed by EPA Region III. It was also stated that EPA is expected to issue a PM-2.5 implementation rule in the near future. The status and content of this rule as well as other EPA regulatory proposals that address PM-2.5 were discussed. Existing state policies were reviewed and briefly discussed.		
4, 5	DEQ's PM-2.5 draft implementation policy outline was reviewed and discussed. The topics that were not expected to be addressed with the issuance of the upcoming EPA PM-2.5 implementation rule were identified. These included calculating direct PM-2.5 emissions from stationary sources and developing a methodology to conduct a source-specific ambient air quality impact analysis. For calculating direct PM-2.5 emissions, concerns such as the lack of stack test methods, lack of emission factors, lack of speciation and size distribution data for stack testing, and stack test methods and associated biases were identified. Included in the discussion was the current status of PM-2.5 stack test methods. The ambient air quality analysis procedures were debated. Topics of interest included direct PM-2.5 and precursor emissions evaluation, background air quality data, Significant Impact Levels (SILs) and background air quality data. The current status of AERMOD was also discussed.		