

COMPLIANCE ASSURANCE AND OTHER TITLE V MONITORING WORKSHOPS
September 23-24; September 26-27 and September 30-October 1, 2002

DAY 1

9:15	Registration	
9:30	Course Introduction	John Slade
9:45	Overview & purpose of monitoring <ul style="list-style-type: none">• Title V monitoring & the CAM Rule• Summary of applicability criteria and the focus on control equipment• Examples of the types of sources affected• “Reasonable assurance of compliance” and the need for judgment versus prescription	Brian Doyle
10:15	History and principle behind CAM and Title V Monitoring <ul style="list-style-type: none">• Monitoring principle• CAM rule structure and implementation• Periodic monitoring - court decision and where to go from here	Peter Westlin/ Barrett Parker
10:45	Break <ul style="list-style-type: none">• Permitting roles and responsibilities• Compliance certification	
11:30	Guidance - What to do <ul style="list-style-type: none">• The sequence• Plan by the operator, review & Permit by the Agency,• Monitoring, QIP & enforcement• Federally required & optional elements of a Plan	Peter Westlin/ Barrett Parker
12:30	Lunch	
1:30	Guidance - Technology & Examples <ul style="list-style-type: none">• What to monitor? Control device or the source• Background/Baseline data• Indicator ranges - concepts• Explanation & Examples of emissions control systems	Brian Doyle & Peter Westlin/ Barrett Parker
2:45	Guidance - Guidance documents <ul style="list-style-type: none">• Monitoring Design Evaluation• Excursion versus exceedance	Brian Doyle & Peter Westlin/ Barrett Parker
3:15	Break	
3:30	Legal aspects	Bo Reiley
3:45	Break out session. <ul style="list-style-type: none">• Small groups analyze specific CAM plan examples	Brian Doyle
4:45	Adjourn for the day	

DAY 2

8:30 Group reports on Day 1 projects

9:30 Incinerator Technologies Roy McIlwee

10:00 Break

10:15 Scrubber Technologies Jorgen Hedenhag

11:00 Sample permit conditions Eric Gustafson/Ed Brown/
Goutam Mookerjee/George Eckert

11:45 Closing Remarks John Slade

12:00 Adjourn

Instructors

Peter R Westlin
USEPA, Emission Measurement Ctr.
Research Triangle Park, NC 27711
919-541-1058
westlin.peter@epa.gov

Barrett Parker
USEPA, Emission Measurement Ctr.
Research Triangle Park, NC 27711
919-541-5635
parker.barrett@epa.gov

Roy McIlwee, P.E.
BK Technologies
Broomall, PA 19008
Representing Anguil Environmental Systems
610-543-2489
roymcilwee@bktechnologies.com

Jorgen G. Hedenhag
AirPol inc.
Parsippany
NJ 07054
973-599-4415
jhedenhag@airpol.com

Brian W. Doyle, PhD, PE
Doyle Engineering Inc.
Newberg, OR
503-538-2380
doyleb@asme.org
doyle.engineering@worldnet.att.net

John Slade
Bureau of Air Quality, PA DEP
717-783-9476
jslade@state.pa.us

Bo Reiley
Bureau of Regulatory Counsel, PA DEP
717-787-7060
reiley@state.pa.us

Eric Gustafson
Bureau of Field Operations, PA DEP
Northwest Regional Office
814-332-6131
egustafson@state.pa.us

Edward J. Brown
Bureau of Field Operations, PA DEP
Southeast Regional Office
610-941-5149
edbrown@state.pa.us

George Eckert
Bureau of Field Operations, PA DEP
Southeast Regional Office
610-941-5125
geckert@state.pa.us

Goutam Mookerjee
Bureau of Air Quality, PA DEP
717-772-3367
gmookerjee@state.pa.us