



**Air & Waste Management Association
Winter Conference
Focusing on Critical Issues:**

**Mercury, Toxics
Release Inventory,
and Air Toxics**

March 6 - 7, 2000

St. Petersburg, Florida, USA

Why You Need to Attend:

- **Learn about trends in TRI and its use as a communications tool.**
- **Explore mercury issues and their health impact.**
- **Find out how the MACT standards will affect you!**

Successful environmental professionals need to address rapidly changing areas,

many reaching a critical stage in the year 2000. Join us March 6-7, 2000 in St. Petersburg, Florida for a special interactive conference, designed to provide you with up-to-date information on critical environmental issues from experts in the scientific, environmental, regulatory, and industrial communities.

Mercury, toxics release inventory, and air toxics will be the focus of the A&WMA Winter Conference, with presentations on the latest technical information and discussions on the ramifications of the environmental effects, regulation, and control of these pollutants.

Real-world Solutions in an Interactive Format

- Learn important ideas and strategies for staying on top of timely issues such as sources, impact, environmental effects, regulation, planning, communications, and emission controls.
- Participate in interactive panel discussions, lively roundtables and casual networking opportunities to gain practical, useful solutions to manage your environmental programs.
- Share your questions, suggestions, and success stories with fellow conference attendees.

Dynamic Topics

Mercury:

- Explore the background on mercury issues.
- Find out about mercury emission and control from major combustion sources.
- Hear about health impact issues.
- Learn about current regional, state and local regulatory issues. Hear the evidence and decide for yourself, "Will, or should, mercury emissions be regulated?"

Mercury in the environment has come under increased scrutiny and possible regulation in the year 2000. Several government agencies will be concluding studies on the bio-accumulation of mercury in the food chain and adverse health effects in humans and wildlife. The National Academy of Sciences will issue a report on mercury toxicity. Data will be available from a year-long study of mercury emissions from coal-fired boilers. Several environmental groups have issued reports recommending control of emissions from industrial sources. Data from a multitude of research projects are becoming available that confirm the difficulty and costs associated with control of trace concentrations of mercury from combustion sources. Finally, EPA will be assimilating all of this information in order to make a decision by the end of the year on how best to address this problem.

Toxics Release Inventory:

- Hear about recent trends in TRI.
- Learn what information is reported and how this information is used by federal and state agencies.
- Find out how TRI is being used as a public communications tool.

Toxic Release Inventory (TRI) reporting has been in place and evolving for over ten years. The number of toxic substances has been growing from the initial list. Also, 1998 saw the addition of 5 new industry sectors to the list of those required to report their toxic releases. The year 2000 will be the first year for which persistent, toxic and bio-accumulative substances will be reported and communicated with the public, using extremely small threshold levels of reporting. Reductions of the threshold of reporting for lead have been proposed, and discussions have taken place regarding reporting details of the processes in which the toxic substances are used. It is clear the TRI reporting rules are evolving. At the same time, the use of TRI data by environmental groups, the media, and government agencies is growing.

Air Toxics:

The promulgation of MACT standards continues, and EPA prepares for further air toxics programs required by the 1990 amendments.

- Learn how the 112(g) air toxics permitting process is working and what EPA is doing about the combustion MACT.
- Find out what EPA is planning for residual risk in the next round of MACT standards, what the urban air toxics program will look like, and how the changes to the risk management program affect facilities.

The 1990 amendments to the Clean Air Act started a long process in the development of Maximum Achievable Control Technology (MACT) standards for each industry category. The first round of MACT standards is nearly complete, but at least one very contentious MACT remains, Combustion in Industrial/Commercial Boilers. The MACT permitting requirements for industry categories without MACT standards have been promulgated. How are they working? The next round of MACT standards requires an EPA calculation of the residual risk in each industry category. What do we have to look forward to? Two other air toxics programs, urban air toxics and risk management planning, are undergoing changes.

Conference Location

Hilton St. Petersburg (See page 6 for details.)

Conference Chair

Victor Engleman, QEP, Engleman Associates Inc.

Mercury Track Chair

Michael Durham, ADA Environmental Solutions, LLC

Toxics Release Inventory Track Chair

Betty Jensen, PSEG Power

Air Toxics Track Chair

Gale Hoffnagle, QEP, TRC Environmental Corp.

Who should attend

Mercury

Utility and Industrial Executives
Coal Suppliers
Environmental and Engineering Personnel
Environmental Interest Groups
Regional, State, and Local Environmental
Regulatory Personnel
Pollution Control Vendors
Instrumentation and Measurement Companies

Toxics Release Inventory

Reporting Industries
Industry Staff Involved in Community
Outreach Programs
Environmental Interest Groups
Government Officials Interested in
Community Right-to-know

Air Toxics

All Industrial Process Categories
Facilities Subject to Risk Management Planning
Environmental Interest Groups
State and Local Air Pollution Control Officials
Consultants

About the Association

The Air & Waste Management Association is the world's leading membership organization for environmental professionals. The Association enhances the knowledge and competency of environmental professionals by providing a neutral forum for technology exchange, professional development, networking opportunities, public education and outreach events. A&WMA also promotes global environmental responsibility and increases the effectiveness of organizations to make critical decisions that benefit society.

The views expressed by the individual presenters do not imply endorsement and are not necessarily reflective of the views of the Association.

A&WMA supports the Americans with Disabilities Act (ADA). Those requiring specific equipment or services as an attendee should contact the A&WMA Meetings Manager at 412-232-3444, extension 3126, to make those needs known in advance. We will make every reasonable effort to accommodate such needs.

Panel discussions and roundtables will be held in the following categories:

MONDAY MARCH 6		MERCURY AND TRI	AIR TOXICS
8:00 a.m. - 9:45 a.m.	State and Local Programs on Mercury Reduction		112(g) Permitting
9:45 a.m. - 10:00 a.m.	Break		Break
10:00 a.m. - Noon	Background and Health Effects of Mercury		Revisions to Risk Management Planning
Noon - 1:30 p.m.	Lunch		Lunch
1:30 p.m. - 3:15 p.m.	Toxics Release Inventory (TRI)		Combustion MACT
3:15 p.m. - 3:30 p.m.	Break		Break
3:30 p.m. - 5:30 p.m.	Toxics Release Inventory (continued)		Combustion MACT (continued)
5:30 p.m.	Adjourn		
TUESDAY MARCH 7		MERCURY AND TRI	AIR TOXICS
8:00 a.m. - 9:45 a.m.	Combustion Source and Emission Controls: TRI and Mercury		Residual Risk and MACT Standards
9:45 a.m. - 10:00 a.m.	Break		Break
10:00 a.m. - Noon	Combustion Source and Emission Controls (cont.)		The Urban Air Toxics Program
Noon - 1:00 p.m.	Lunch		Lunch
1:00 p.m. - 4:00 p.m.	How is the Public Best Served with Regard to Regulations on Mercury and TRI Emissions		
3:15 p.m. - 3:30 p.m.	Break		
4:00 p.m.	Adjourn		

Mercury and TRI Track Session Details

MONDAY, March 6

8-9:45 a.m. State and Local Programs on Mercury Reduction

Much of the mercury that enters the environment comes from improper disposal of consumer products that contain mercury. This session will include short presentations followed by a panel discussion on programs that have been implemented to prevent mercury from entering the environment. The panel will consist of state and local environmental personnel that have been leaders in establishing successful programs.

9:45-10 a.m. **Break**

10 a.m.- noon Background and Health Effects of Mercury

This session will provide the latest information related to the toxicology and health effects of mercury through short presentations followed by a panel discussion. The panel consists of scientists and experts from universities, environmental organizations, and research companies. They will discuss the following topics:

- Toxicology of mercury: EPA and ATSDR dose recommendations
- Mercury exposure through fish consumption
- Has mercury built up in the environment?
- Natural and anthropogenic sources of mercury
- Update on mercury health effects

noon-1:30 p.m. **Lunch**

1:30-5:30 p.m. Toxics Release Inventory (TRI)

This session will provide the latest information on critical TRI issues through presentations followed by a panel discussion. The panel will include state and federal officials, reporting industries, as well as representatives of the environmental community. They will discuss the following topics:

- Recent trends in TRI
- What information is reported
- How TRI information is used by federal and state agencies
- The use of TRI information as a public communications tool
- The value of raw data that is reported to the public versus data that has been first interpreted

3:15-3:30 p.m. **Break**

5:30 p.m. **Adjourn**

TUESDAY, March 7

8 a.m.-noon Combustion Source Emissions and Controls: TRI and Mercury

This session will provide up-to-date technical information on issues related to the characterization and control of mercury and other TRI chemicals from combustion sources, through short presentations followed by a panel discussion. The panel consists of experts and researchers from EPA, DOE, EPRI and their contractors who have

been involved in pilot-scale and full-scale evaluation of various technologies throughout the 1990's. They will discuss the following topics:

- Mercury Emission and Control from Waste Combustors and Chlor-Alkali Plants
- Update on the EPA 1999 ICR Program to Characterize Mercury Emissions from Coal Combustion.
- DOE Programs on Mercury and TRI Emissions from Utility
- EPRI Programs on Mercury and TRI Emissions from Utility Sources
- State of the Art for Mercury Measurement

9:45 -10 a.m. **Break**

noon-1 p.m. **Lunch**

1-4 p.m. How is the Public Best Served with Regard to Regulations on Mercury and TRI Emissions?

This roundtable forum will provide the audience with the opportunity to discuss their views with experts and representatives of EPA, environmental groups, and industries that would be impacted by potential regulations. The focus of the discussion will be on whether new regulations will best serve the interests of the public who have concerns over health effects of mercury yet would incur the burden of the costs for controlling mercury. The roundtable discussion will cover issues raised during the earlier sessions and will provide an opportunity for conference participants to express their views.

4 p.m. **Adjourn**

Air Toxics Track Session Details

MONDAY, March 6

8-9:45 a.m. 112(g) Permitting

The requirement that new major sources of Hazardous Air Pollutant (HAP) emissions obtain construction permits has been promulgated by EPA and is now effective in all states. Actual permits will be reviewed to determine how the program is working and what else, if anything, needs to be done. The panel will include state, EPA, and industry personnel who have experience with these permits.

9:45-10 a.m. **Break**

10 a.m.-noon Revisions to Risk Management Planning
In August 1997, Congress made changes to the RMP

program. The status of fuels changed substantially, and the need for public participation at the local level was increased. The panel will spell out the changes, the EPA regulation revision status, and the practical effects of these changes.

noon-1:30 p.m. **Lunch**

1:30-5:30 p.m. Combustion MACT

One of the most significant remaining MACT standards to be promulgated is the MACT for non-utility steam boilers and electricity generators. EPA established a federal advisory committee to assist in the MACT development. After listening for two years to all of the arguments, EPA halted the committee's work. What will the regulations look like? Will the standards apply to gas firing? EPA and committee members will discuss the issues.

3:15-3:30 p.m. **Break**

5:30 p.m. **Adjourn**

TUESDAY, March 7

8-9:45a.m. Residual Risk and MACT Standards

Once each category has a MACT standard promulgated, EPA must review each category and determine if further MACT controls are necessary to reduce any continuing risk (residual risk) to the public. The methods of analysis of risk to the public are highly controversial and will be the subject of this panel discussion.

9:45 -10 a.m. **Break**

10 a.m.-noon The Urban Air Toxics Program

EPA has produced a list of urban air toxics and a plan to develop control requirements to reduce the concentrations of these air toxics in urban areas by 90%. This program would not only affect industrial sources in urban areas but also impose many lifestyle changes. The panel will review the plans and pitfalls of the program.

noon-1 p.m. **Lunch**

1-4 p.m. **See Mercury/TRI Roundtable**

4 p.m. **Adjourn**

Program Note: Visit the A&WMA Web site (www.awma.org) for updates on the technical program.

Hotel Information

- Hilton St. Petersburg
333 First Street South, St. Petersburg, FL
Telephone: 727-894-5000
Fax: 727-894-7655
- Single/double occupancy \$124, plus applicable taxes; a limited number of government rate rooms are available.
- To ensure availability and rate, make your reservations by **February 11, 2000** directly with the hotel. After that date, the reserved hotel room block is released for general sale.
- Please be sure to mention the **Air & Waste Management Association Winter Conference** to receive the reduced rate.

Airline Reservations

- Gateway Travel Management, the official travel agency for this conference, has negotiated special group airline discounts for conference attendees.
- Discounted rates must be booked in advance and are valid for three days prior to and following the conference. Rates are based upon limited availability.
- Call toll free 1-888-661-2607 and specify **Conference G726**.

Transportation

- Limo Connection provides shuttle service to and from the airport. Call 727-572-1111.
- Cost: \$14 per person one way; \$26 round trip.

About Your Registration

To register for the conference:

- complete the advance registration form in this brochure.
-  mail your registration form with your check, credit card or purchase order information, to *Air & Waste Management Association, One Gateway Center, Third Floor, Pittsburgh, Pennsylvania 15222*.
-  or fax to 412 232-3450. Faxed forms must include American Express, Discover, MasterCard, or Visa credit card information, or be accompanied by a company purchase order.
- **Full** registration includes admission to the technical sessions, two lunches specified, and refreshment breaks.
- **Daily** registration includes admission to the technical sessions and lunch for that day.

- **Student** registration is available to any full-time student at discounted rates with proof of enrollment (valid student I.D. or a copy of a current transcript). Student registrations include admittance to the technical sessions and refreshments at breaks, but do not include lunches. Lunch tickets may be purchased separately during on-site registration.

Discounted Advance Registration Rate

- To qualify for the discounted advance-registration rate, registration forms (including payment) must be received by **February 11, 2000**. After this date, registration is available only at the higher on-site fee.
- Registration fees are in U.S. dollars.
- For additional information regarding registration, call 412-232-3444, extension 3142, or 1-800-270-3444, or fax your information request to 412-232-3450.

Member Rate

- To qualify for the member rate, you must be an “international” member of the Air & Waste Management Association.
- Section/chapter-only members do not qualify for the member rate.
- All nonmembers paying a full registration fee will be extended a one-year membership to the A&WMA at no additional cost by checking the appropriate box on the registration form.

Refund Policy

- Written refund requests must be received by February 28, 2000.
- Refunds will be issued less a \$75 processing fee.
- After February 28, only written credit requests will be accepted.
- Credit requests must be received by March 7, 2000.
- The credit, less the processing fee, will be valid for a period of one year for any A&WMA product or event.

ADVANCE REGISTRATION FORM

Advance registration deadline: February 11, 2000

A&WMA Winter Conference

Focusing on Critical Issues:

Mercury, Toxics Release Inventory, and Air Toxics

St. Petersburg, Florida

March 6-7, 2000

First name _____ MI _____ Name/nickname for badge _____

Last Name _____

Title _____ Employer _____

Address _____

City _____ State/Province, Postal code _____

Telephone number _____ Fax number _____ E-mail _____

Please notify membership of address change.

CONFERENCE REGISTRATION FEE

Conference dates: March 6-7, 2000 at Hilton St. Petersburg.

Full conference registration includes technical sessions, refreshment breaks and two lunches.

	Advance Registration	Onsite
Full-A&WMA Member	\$329 U.S.	\$459 U.S.
Full-Nonmember	\$479 U.S.	\$609 U.S.

YES! Make me a member of A&WMA. By checking this box and registering at the full conference non-member fee, I will receive one full year of membership at no extra charge (\$130 value).

Daily-A&WMA Member	\$199 U.S.	\$259 U.S.
Daily-Nonmember	\$259 U.S.	\$320 U.S.

Specify day of attendance (Monday or Tuesday).

Student-A&WMA Member	\$100 U.S.	\$100 U.S.
Student-Nonmember	\$125 U.S.	\$125 U.S.

The Association attempts to promptly notify all advance registrants if the symposium or a course is canceled. If the symposium or a course is canceled, the Association is not liable for any expenses by the registrant other than the refund of the registration fee(s) paid by the registrant.



Mail This Form To: Air & Waste Management Association, One Gateway Center, Third Floor, Pittsburgh, PA 15222



Fax This Form To: 412-232-3450

Conference Payment Information

Enclosed is my check in the amount of \$ _____ U.S.

Make your check or purchase order payable to the Air & Waste Management Association, One Gateway Center, 3rd Floor, Pittsburgh, PA 15222.

To pay by credit card, fill out the information below, and fax the form to 412-232-3450.

MasterCard Visa American Express Discover

Card number _____

Expiration date _____

Signature _____

Name as appears on card _____

Enclosed is my check purchase order

Occasionally, member lists are shared with other environmentally-related companies. Please check this box if you DO NOT wish to have your name released.



AIR & WASTE MANAGEMENT
ASSOCIATION

One Gateway Center, Third Floor
Pittsburgh, PA 15222

Non-Profit Org.
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Permit no. 324

**Register by
Feb. 11
Save
\$100**

“This conference focuses on dynamic topics with real-world solutions—all in an interactive format. An incredible learning experience for successful environmental professionals.”

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Mercury, Toxics Release Inventory,
and Air Toxics**