



NORTHEAST STATES POLLUTION PREVENTION NEWS

NORTHEAST WASTE MANAGEMENT OFFICIALS' ASSOCIATION
(NEWMOA)

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NORTHEAST STATES P2 ROUNDTABLE

The Northeast States P2 Roundtable brings together federal, state and local P2 program staff on a quarterly basis to share information and conduct regional projects. The purpose of the NE Roundtable is to enhance the ability of state and local P2 program staff to implement effective source reduction. At the last meeting of the group in January, we tentatively decided to develop a regional report on progress in pollution prevention. The report will cover the progress of state and local P2 efforts during the past five years.

At the last meeting, the group also decided to form a Steering Committee to help the NEWMOA P2 staff develop an annual workplan and meeting agendas and address other issues facing the NE Roundtable. The Steering Committee currently consists of one representative per state. In addition, the group decided to develop a workgroup to assist with organizing technical workshops for state and local government staff on P2 topics.

Currently, these meetings and workgroups are open to federal, state and local government representatives. If you are interested in joining these efforts, contact NEWMOA.

Regional Directory

There are currently 27 state and local P2 programs in the Northeast that are involved in the

NE Roundtable. To facilitate networking among these programs, NEWMOA has updated the *Northeast States Pollution Prevention Roundtable: Directory of Participating Programs*. Copies of the Directory are available for \$10 (\$5 for non-profit and government agencies) from NEWMOA.

Financing Guide

The NE Roundtable has developed a guide to financing P2 investments in New England under a grant from EPA-New England, which is printing and distributing it. The Guide, called *Financing Pollution Prevention Investments: A Guide for Small and Medium-Sized Businesses*, covers publicly supported sources of financing at the federal and state levels. In addition, it provides advice and suggestions

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for applying for financing from private lenders. The Tellus Institute wrote the guide under a contract with NEWMOA. The guide is now available by contacting NEWMOA.

For more information contact: Terri Goldberg, NEWMOA, (617) 367-8558.

CONNECTICUT

CONNECTICUT DEP

Connecticut Pit Stops Conferences

The Connecticut DEP along with the University of Connecticut's Pollution Prevention Center and a number of vehicle trade organizations, EPA and ConnTAP, is sponsoring a series of P2 conferences for the vehicle repair and body shop industry in Connecticut. Trade shows are planned in conjunction with each conference to highlight alternative cleaners, recycling services, paint systems and equipment. Guides for doing P2 Assessments in Auto Shops will be available to conference participants.

Conference dates are May 31, 1995 in Southbury, June 7 in East Hartford, June 14 in Meridan and June 20 in New London. Participants can attend either a morning or evening session to suite their schedule.

P2 Strategic Planning at DEP

The Department's P2 Workgroup has been diligently working to produce a document that addresses pollutants of concern from all sectors -- industrial, commercial, residential, institutional and public agencies -- strategies to promote and implement P2 alternatives.

For more information contact: Mary Sherwin, CT DEP, (203) 424-3297.

CONN TAP

ConnTAP is in the process of completing the documents required for submittal as part of the Connecticut DEP-funded pollution prevention guidelines project. ConnTAP plans to arrange a meeting with DEP for the week of April 24 to discuss comments on the submittal. As part of the project, ConnTAP is also involved with the planning of a conference and workshops to

distribute the documents. This project is scheduled for completion in June 1995.

College student interns have again been hired by ConnTAP to work with our Site Visit Program staff. The intern program has been a very successful joint-venture between ConnTAP and the University of Connecticut. The students obtain valuable industry pollution prevention experience to enhance their studies, as well as earn credit toward their environmental Master's degree.

ConnTAP will be implementing INMAGIC software in our library. After assessing several library software options, ConnTAP decided on INMAGIC because of its ease of use, flexibility, and compatibility with some other P2 agencies. Installation of the software should occur in May. Data entry should be completed by the end of the summer.

Northeast States Pollution Prevention News

***Northeast States Pollution
Prevention News*** is published on a quarterly basis by the Northeast Waste Management Officials' Association's (NEWMOA) pollution prevention program, called the Northeast States Pollution Prevention Roundtable. It is provided free to the northeast states, EPA and other interested individuals. The newsletter is supported by funds from EPA-New England and Region 2 and the northeast states.

We appreciate hearing comments and suggestions on the newsletter from our readers. Write or call NEWMOA at the address on the cover of the newsletter. Please use the form at the back of this issue to request an address change or to add your name to the mailing list. We appreciate your cooperation in ensuring that we have your correct address.

The 1995 Matching Challenge Grant Project is underway. ConnTAP has received nine grant applications. With a total of \$30,000 available, funding of a maximum of four projects is anticipated. Funds should be awarded in May.

ConnTAP's recently established Materials Exchange has been well-received by Connecticut businesses. Interest in the service is growing, as evidenced by the increasing number of material listings published in the ConnTAP Quarterly, as well as the increasing number of telephone inquiries. ConnTAP is making the Materials Exchange the focus of its publicity efforts to ensure that area industries are aware of this new ConnTAP service.

The Winter 1995 issue of the ConnTAP Quarterly was published in early March. This issue highlighted EPA-New England Regional Administrator John DeVillars' visit to Connecticut in January. Mr. DeVillars toured a Connecticut business with ConnTAP staff and was interviewed by ConnTAP's Communications Specialist Lauren Shea. The newsletter also presented technical information on vacuum evaporator technology and environmentally safe solder for the aerospace industry. An index of 1994 articles was included with the newsletter.

For more information contact: Bob Brown, ConnTAP, (203) 241-0777.

MAINE

MAINE DEP

Exciting news from your northern most neighbor! Finally Maine has the first reduction numbers in, and they are great. They are as follows:

Toxic Use: A statewide reduction of approximately 10 percent since the baseline year of 1990. This is a reduction normalized to business activity on a facility specific or process specific basis. It represents a reduction in the use of Extremely Hazardous Substances as listed in Sara Title III, Section 312.

Hazardous Waste: A statewide reduction of approximately 30 percent, using the average

generation amounts from 1987 and 1989 as the baseline. This is also a normalized figure, using a facility specific and often a process specific activity number.

Toxic Release: A statewide reduction of 22 percent, using the average of releases for 1990 and 1991 as the baseline. The normalized number and the actual reduction number are both 22 percent. Hazardous waste shipments were excluded to avoid double counting them. They are calculated separately (see above).

Maine is very encouraged about these numbers, especially since we know that they represent changes during the time period through January 1994. Since then, we have worked with many more companies and are aware of many more reductions. Pollution prevention is really taking off as news of the environmental and economic advantages spreads.

The first Governor's Awards for Pollution Prevention were given out on April 21, 1995. Awards went to seven companies, two individuals, one federal facility, one trade association and one school.

For more information contact: Ann Pistell, ME DEP, (207) 287-7881.

MASSACHUSETTS

MASSACHUSETTS OTA FOR TUR

OTA joined in a collaborative effort with Bay State Skills and its Massachusetts Manufacturing Partnerships (MMPs), TURI and DEP in applying for a NIST grant to foster "Better, Faster, Cheaper and Cleaner Manufacturing in Massachusetts," through improved communication, cross training and joint projects among the agencies involved.

OTA completed its series of "Making Compliance Work for You" workshops designed to help companies learn how to incorporate pollution prevention opportunities into their strategies for complying with Clean Air Act requirements. In all, OTA sponsored five workshops in different locations across the state.

OTA played a key role in a workshop sponsored by the Northeast Business

Environmental Network (NBEN) titled "Air Operating Permits: Real Expectations and Practical Guidance," at the end of April. Representatives from more than 50 companies attended.

OTA also played a key role in organizing a half-day forum on "Regulatory Improvement Opportunities," also sponsored by NBEN and funded with an EPA grant. More than 100 people attended the half-day session held in late April. Four breakout sessions addressed possible improvements in the areas of authorizations (permits, licenses, certification), reporting/recordkeeping, enforcement, and general/practical issues. NBEN will take the lead in organizing follow up work groups to continue the dialogue between business and government and work to implement suggested improvements where feasible.

Barbara Kelley and other staff participated in the National Pollution Prevention Roundtable in Austin Texas. Barbara presented a session on TUR for screen printers at their annual convention in Chicago.

George Frantz and John Raschko chaired a general session on funding at the National Small Business Assistance Program Conference in New Orleans.

Several staff members made presentations at TURI's TURP recertification conference in late February. Rick Reibstein chaired a session on "Does It Save Money to Be Green?" Barbara Kelley participated in a panel presenting an overview of the TURA program, while several team members made technical presentations, and Dick Torborg made a presentation on the financial aspects of P2.

Dick Torborg took the lead, with help from NEWMOA, on an intensive one-day pollution prevention training session for financial officers in March.

Also in March, the Northeast Team co-sponsored with the Neponset River Watershed Council a half-day workshop on P2 opportunities for machine shops, and the Western Team worked with the Pittsfield-based Center for Ecological Technology on a general P2 workshop for small businesses.

Rick Reibstein is serving on the Subcommittee for the Common Sense Initiative Electronics Sector and to date has attended two meetings in Washington, D.C. The Subcommittee, like the other industry sector Subcommittees, is looking at improvements in regulations so that EPA will work "cleaner, cheaper, smarter." In addition, Ken Soltys, Northeast Team leader, participated in a focus group meeting with regional EPA staff on the Common Sense Initiative for metal finishing industry, and George Frantz is working with EPA New England's CSI project for the printing industry. The MA CSI Printers project is an ambitious project, which includes regulatory change, compliance incentives, and extensive outreach. Preliminary work is ongoing; public announcement of the project is scheduled for this summer.

Joe Paluzzi of the Metro Team has been selected as the national chairman for the Pollution Prevention and Waste Minimization Committee of the American Society of Quality Control's Energy and Environmental Quality Division. Joe's appointment is a major milestone, indicating recognition of the importance of P2 by a major industry professional group. Joe has worked hard over the past two years to educate ASQC membership about P2 and the need to integrate P2 into the group's agenda and programs.

OTA is participating in the MWRA Mercury Workgroup's hospital committee which is doing aggressive outreach to hospitals and their vendors on methods for identifying sources of mercury and best management practices of source reduction and pollution prevention. The committee will produce a guidebook that will include training on regulations, typical sources of mercury, opportunities for source reduction, and infrastructure control and end-of-pipe treatment.

Lisa Dufresne has done extensive outreach to schools as part of OTA's EPA-funded project to find and address the use of chemicals in the school environment and related indoor air quality problems. Lisa has visited several schools and made recommendations, and developed a 6-hour agenda for a teachers' workshop (worth 6 CEUs) at Northern Essex Community College on lab safety, pollution prevention, and indoor

quality. Her work has involved outreach to other municipal, state and federal agencies involved with environmental quality in schools including local health boards, the state DPH and EPA New England.

OTA took the lead in organizing three public information sessions on proposed user segment reporting in Form S reports required under TURA. Southeast Team Leader Rich Bizzozero, Technical Services Director Bill McGowan, and Barbara Kelley participated with DEP, TURI and industry representatives in a group that helped develop the user segment reporting protocol. The new reporting scheme requires companies to code unit operations within their production units.

Brief updates on other OTA projects:

- "Pitstops," a collaborative project with EPA New England and MA DEP to promote pollution prevention in auto repair and auto body shops. OTA and DEP designed the curriculum for "Train-the-Trainer" workshops held at approximately 60 vocational-technical schools across the state.
- The Clean State multi-disciplinary audit team completed P2 surveys at UMass Amherst and UMass Lowell, continued work with the Department of Environmental Management, and made plans for survey and audits at MBTA facilities and a workshop in May for the Dept. of Corrections.

The MA OTA teams continued their work with companies, arranging site visits, delivering reports and doing outreach through chambers of commerce, trade associations, etc. Cynthia Barakatt is now a member of EOEAs Watershed Initiative Steering Committee and will begin doing outreach to watershed associations and local communities about OTA's services. In addition, OTA initiated a meeting with DEP's Office of Watershed Management (OSM) to make sure the Office is aware of OTA's services. OSM is working with communities to educate them about water quality issues and available technical assistance programs.

For more information contact: Cynthia Barakatt, (617) 727-3260 ext. 666.

MASSACHUSETTS TURI

Research Cluster

The Massachusetts Toxics Use Reduction Program's Science Advisory Board has developed guidelines for considering each petition for delisting that has been received. The Board meets regularly on the first Wednesday of every month from 3:30 to 5:00 p.m. at 100 Cambridge Street, Boston. Question should be directed to Karen Thomas at TURI at (508) 934-3143.

Applications have been received in response to TURI's Request for Proposals for the Matching Grants for Industry Program and the Research Fellows Program for fiscal year 1996. TURI is currently reviewing proposals. Awards will be announced by the end of May. Fiscal year 1996 will mark the fourth year for the Matching Grants for Industry Program, and the fifth year for the Fellows Program.

With funding from the US EPA, the Research Cluster is undertaking a collaborative experiment in new technology development coupling the applied research capabilities of TURI and the basic scientific research of a University of Massachusetts Lowell chemistry faculty. The project, titled "Technology Innovation to Promote Alternative Chemical Technologies (TIPACT)", is designed to commercialize biosynthesized biodegradable surfactant technology in industrial surface cleaning applications. TURI's Surface Cleaning Laboratory will evaluate the performance of the biosurfactant on a number of metal substrates and contaminants.

Technical Support

TURI's Technical Support and Research clusters worked with the Merrimack Valley Manufacturing Partnership (MVMP) to sponsor a workshop called, "The Metal Cleaning Challenge" on April 27, 1995. MVMP, a regional center of the NIST-sponsored Manufacturing Extension Program, works with several industry sectors in Northeast Massachusetts to help firms improve their competitiveness. The workshop presented case studies from several companies that have implemented TUR options independently or with the help of TURI's Surface Cleaning Laboratory. There was also a presentation on the Lab and the services it provides.

As in previous years, TURI set up its information booth at the New England Environmental Network Conference at Tufts University on March 18-19, 1994. Though not as well attended as in years past, many people stopped by to pick up information or to get on TURI's mailing list. TURI staff member, Janet Clark, also organized and participated in one of the panel discussions. TURI also set up its information booth at the Lowell Business Fair that was held on March 29 at the Lowell Auditorium. The event was directed towards the economic development of small businesses based in Lowell.

The Wet Cleaning Demonstration Shop, funded by EPA's dry cleaning DFE program, opened in Chicago in April. Staff member Jodie Siegel is part of the training team for the initial training session for shop personnel. She is also TURI's coordinator of the project.

Education and Training

The next issue of TURP Talk will be coming out in May. This issue will report on the recent TUR Planners Continuing Education Conference that was held in Marlboro in February. If you would like to be added to the mailing list for TURP Talk, please call Anne Basanese at (508)934-3144.

The Toxics Use Reduction Planner Continuing Education Conference that was offered by TURI in collaboration with the OTA and the MA DEP presented a variety of TUR-related workshops. The two-day event provided an opportunity for certified Toxics Use Reduction Planners to earn continuing education credits towards their recertification requirements. TURI is in the process of publishing conference proceedings.

The conference was also used by the TUR Planners to share experiences and to begin discussion about forming a TUR Planners Association. The Association has already held its first organizing meeting. Mission, membership and meeting committees are now being formed. Any interested TUR Planners should contact Anne for further information.

Beginning in May, TURI will deliver a TUR training program to MA DEP personnel.

The five-day course is designed to raise awareness of TUR opportunities and to demonstrate innovative ways to integrate TUR into permitting activities. TUR training is also planned for DEP inspectors. Contact Bob Tivnan at (508) 934-3248 for information.

For more information contact: TURI's main number, (508) 934-3275.

NEW HAMPSHIRE

NEW HAMPSHIRE DES

Annual Pollution Prevention Conference

The Third Pollution Prevention Conference was held at the New England Center in Durham, NH. In total, over 160 people participated in the successful day-long event. Featured this year was the state's first Environmental Excellence Award for Pollution Prevention. Textron Automotive Interiors and General Electric Electrical Distribution and Control Meter Business received award plaques for their impressive pollution prevention efforts. Patricia Meaney of EPA-New England was the keynote speaker for the event, standing in for Regional Administrator DeVillars.

This year's conference featured a diverse pollution prevention panel comprised of "stakeholders" from state and federal government, private industry, academia, environmental non-profits, and environmental law groups. Also featured, were basic pollution prevention sessions (full cost accounting, pollution prevention assessment procedures, pollution prevention program elements, and free assistance resources), as well as more detailed sessions on electrotechnologies, Clean Air Act Compliance, and new recycling opportunities and challenges.

P2 in the DES Lab

Under a "lead by example" initiative, DES P2 staff are working with the Department's analytical lab to document recent improvements and identify additional pollution prevention opportunities. The DES laboratory provided NHPPP with an overview of lab operations and offered insights as to where pollution prevention opportunities might exist. A large handicap

THE NORTHEAST WASTE MANAGEMENT OFFICIALS' ASSOCIATION

The Northeast Waste Management Officials' Association (NEWMOA) is a non-profit interstate governmental association whose membership is composed of the hazardous and solid waste program directors in Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island and Vermont. NEWMOA is a forum for increased communication and cooperation among the member states, a vehicle for the development of unified positions on various issues and programs, and a source of research and training on hazardous and solid waste management and pollution prevention. NEWMOA's pollution prevention program was established in 1989 to enhance the capabilities of the state environmental officials in the northeast to implement effective source reduction programs. The program is called the Northeast States Pollution Prevention Roundtable (NE Roundtable). The NE Roundtable involves four components: (1) establishing a clearinghouse of information (2) conducting training sessions (3) researching source reduction strategies and (4) organizing NE Roundtable meetings and committee activities. NEWMOA's PP program is supported by grants from the U.S. EPA and by NEWMOA member states.

appears to be the stringent requirements associated with EPA-mandated testing protocols. A pilot pollution prevention study is being initiated through the *Pollution Prevention Strategy* and the most recent PPIS Grant Proposal. A pollution prevention walk-through of the lab has been conducted.

In a related effort, DES will be starting an employee "green team" in the near future, which will be co-led by the P2 Coordinator and the NHPPP Manager. The team will focus on identifying and pursuing ways that the Department can become "greener" in its operations and facilities.

DES/UNH P2 Partnership

The Partnership is continuing to progress nicely. The Advisory Committee has been working on finalizing the Summer 1995 Pollution Prevention Internship Program. It is expected that about fifteen chemical engineering students will be placed at participating companies and organizations starting in June.

The Committee is continuing its development of a pollution prevention curriculum and implementation strategy for the UNH Chemical Engineering Program. A May 12 meeting is planned with Chemical Engineering faculty to discuss the need for integrating pollution prevention into the current program. In addition to the internship program and the curriculum development, the Advisory Committee

will be putting a greater emphasis on formalizing its important role in the state. As it stands, no other organization in the state has such diverse resources and programs represented. There is a clear synergy to be achieved through the Committee, and the group will work hard to maintain itself despite the fast approaching grant end date.

NHDES P2 Strategy

The Multimedia Pollution Prevention Task Force has finalized the DES Pollution Prevention Strategy. The Strategy will be printed and distributed in the next few weeks.

Multimedia P2 Task Force

The Task Force continues to meet on a regular basis. Issues/topics that the Task Force is currently working on include: investigating opportunities for incorporating pollution prevention into the Department's permitting process and assessing opportunities for multimedia cooperation.

Staff Training Initiative

As of this date DES P2 staff have conducted 12 of 13 scheduled P2 Orientation sessions for Dept. personnel. Approximately 350-400 staff have received the training that is being offered to all staff. Make-up sessions will be offered for those who were unable to attend the first time around. Evaluations indicate that the course has been very well received!

Other P2 Activities

New Hampshire is providing a regulatory and pollution prevention outreach program for technical college undergraduates, high school teachers and high school students in automotive repair. A June pilot program will be run that will establish a focus group to examine methods to integrate environmental compliance and pollution prevention concepts into existing curricula.

The NHPPP, DES P2 Coordinator and the Assistant Commissioner appeared before the Senate Environment Committee to testify in favor of NH Senate Bill 133-FN-A. This bill would establish a state funded pollution prevention program and calls for two positions that would coordinate various P2 projects currently under DES management. The NHPPP as well as the P2 Coordinator position in the Commissioner's office are presently funded by EPA grants that will expire within the year.

For more information contact: Vince Perelli and Kathy Blake, NH DES, (603) 271-2902.

NEW JERSEY

NEW JERSEY DEP

The Office of Pollution Prevention (OPP) mailed Pollution Prevention Progress Report Forms to 500 facilities covered under the NJ Pollution Prevention Act. The Progress Report has been dovetailed with the state's Right to Know reporting form. Facilities in SIC codes 26, 28, 30, 33, and 24 will report annual facility and process level pollution prevention progress on the reporting form as it compares to the five year use and nonproduct output reduction goals stated in the Pollution Prevention Plans and Plan Summaries prepared last July. The Pollution Prevention Progress Report is due to DEP July 1.

DEP issued the first multimedia facility-wide permit last December to Schering-Plough, Inc. The Department plans to issue three more facility-wide permits in May 1995.

OPP has done over 50 site visits to facilities regulated under the NJ Pollution Prevention Act. The purpose of the visits is to examine Pollution Prevention Plans kept on-site to assess the quality of planning and to inquire

about the usefulness of the planning process. A brief preliminary assessment of early findings of the planning process is available to the public through the Office of Pollution Prevention.

The OPP has prepared a brief preliminary analysis of data reported by about 400 industrial facilities on Pollution Prevention Plan Summary Reports. Of the 400, only 10 reported any confidential information. Sanitized versions of the summaries have been entered into a database, which is available to the public. Approximately 75 percent of the facilities reported reduction goals of greater than zero for at least one chemical. Nearly half of the total statewide use reduction goal is accounted for by one facility: DuPont Chambers Works in Deepwater. A copy of the preliminary data analysis is available from the Office of Pollution Prevention.

OPP has contracted with Hampshire Research Associates in Alexandria, VA to do a program evaluation. The evaluation will entail speaking with randomly selected facilities that have prepared Pollution Prevention Plans pursuant to the Act to determine the effectiveness of the planning process.

For more information contact: Jeanne Herb, NJ DEP, (609) 777-0518.

NEW YORK

NEW YORK STATE DEC

The Eighth Annual Pollution Prevention Conference will be held May 17 -19 in Albany, NY. This year's conference has the traditional mix of plenary, panel and case study sessions with some new features, including a facility tour and an Electric car on display. Some of the topics to be addressed are environmental auditing, environmental technologies, comparative risk, integrated permitting, and P2 cooperative models. A facility tour featuring on-site P2 measures will be offered by the US Postal Service Vehicle Maintenance Facility in Albany. Governor Pataki has been asked to deliver the keynote address and present the 2nd Annual Pollution Prevention Awards. For more information on the Conference, please contact Linda Shea at (518) 457-2480.

Governor's Award for P2

Thirty applications for the 2nd Annual New York State Governor's Award for Pollution Prevention were received from New York industries. Large, medium and small businesses comprise the three categories this year. A DEC review group was established to evaluate the technical aspects of the proposals. A representative of this group joined the committee in charge of reviewing the applications and making recommendations to the Commissioner on winning projects. The winners will be announced on May 18 at the P2 Conference.

Success Stories have been printed on each of the 1994 Pollution Prevention Award winners: Weber Knapp (TCE reductions), Alcan Rolled Products (reductions in HCl and Cl₂), IBM-East Fishkill (source reduction of hazardous pollutants), Xerox (pelletized CO₂ cleaning technology), Dowcraft (reductions in TCE and other VOCs), and KEM Plastic Playing Cards (elimination of VOCs).

For additional information on the Awards and Success Stories, please contact Carlos Montes at (518) 457-2480.

Workshops

Two workshops have been held on P2 for Small Business and Local Government and several more are scheduled to be held throughout the State. These have been very well received and provide an opportunity for cooperation among a variety of groups and organizations. We involve our regional offices, regulatory affairs (permitting) staff, the NYS Department of Economic Development, the Small Business Assistance Program, and local governments. The agenda includes sessions on P2 basics, environmental self-auditing, permitting, assistance programs and resources, and case studies. Arrangements for upcoming workshops on Long Island and NYC are on hold until the Conference is over.

PPIS

A needs assessment is being completed based on the responses we received from over 30 of the 60 individuals to whom we sent questionnaires on P2 training needs. Only a few of the surveys that were distributed in the Winter issue of the P2 Bulletin have been completed and

returned to us. The needs assessment will be used to identify the industry sectors that we will focus on for the technical assistance workshops to be conducted by the Pollution Prevention Unit with 1993 PPIS funds.

Separate grant proposals were submitted in cooperation with the Suffolk County Water Authority and the Erie County Office of Pollution Prevention for the 1995 PPIS grant program.

Guidance and Policy Development

A draft guidance document has been developed and submitted for agency review and comment on P2 in Permitting. The guidance was developed as a cooperative effort among staff from the Department's Regulatory Affairs, Counsel's Office and the Pollution Prevention Unit. It has been written for use primarily as part of the Department's integrated facility management approach, but could be applied to other permitting activities as well. Guidance documents are also being prepared on public participation and on facility teams.

For more information contact: Mary Werner, NYS DEC, (518) 457-2570.

NEW YORK STATE DEC

Small Business Amnesty for Air Emissions

Qualifications for this vital program are:

- You must be a small business of 100 or fewer employees
- Not a major source of air pollution
- A business that does not have a BYS Certification to operate.
- A source of air emissions must submit a "Letter of Intent" to the NYS DEC showing the intended path of compliance. The business will then be given 120 days submit their permit application.

For complete information, businesses should call the Environmental Ombudsman Unit (800) STATENY, Ext. 157) as soon as possible. Amnesty ends September 1, 1995. However, an extension is being negotiated. Entering the program as quickly as possible is advised.

Compliance for Vapor Degreasers

There will be a teleconference on vapor degreasers on May 24, 1995, 1:00 - 5:00 at seven locations throughout New York State. Highlights will include an overview of the law, monitoring requirements, reporting deadlines, emissions standards, equipment changes, alternative cleaners, on-site case studies, on-line compliance resources, control options, and alternative compliance methods. There will be an opportunity for questions and answers.

RACT

Revisions in the Clean Air Act have modified several state air regulations to meet the requirement of the 1990 Clean Air Act Amendments. These changes require reasonably available control technology (RACT) for major sources throughout New York State that emit volatile organic compounds (VOCs).

A business that currently has a potential to emit VOC that is equal to or exceeds the threshold is required to "cap-out" or comply with RACT by June 1, 1995. In either case, a compliance plan must be submitted to the regional DEC office that: (1) explains how your business will comply with the VOC RACT requirements; or (2) explains the steps that the business will take to limit its annual potential to emit VOCs below the threshold. This is called "cap-out" and avoids having to comply with VOC RACT requirements.

For more information contact: Ron Austin, NYS DED, (212) 827-6264.

ERIE COUNTY

On Wednesday, March 29, 1995, the County of Erie formally signed a "Bilateral Pollution Prevention Partnership" Memorandum of Agreement with the Regional Municipality of Hamilton-Wentworth, Ontario, Canada. Representatives from federal, state and local government agencies on both sides of the border attended a luncheon ceremony which was highlighted by a site-tour of the Buffalo Sewer Authority.

The agreement states that the County of Erie and the Regional Municipality of Hamilton-

Wentworth shall:

- 1) Promote pollution prevention as the primary environmental strategy for local governments;
- 2) facilitate the sharing of information, training resources, and experiences to assist each other in achieving their individual comprehensive pollution prevention and sustainable development goals;
- 3) Encourage and assist other local governments within the Great Lakes Basin in implementing pollution prevention strategies; and
- 4) Demonstrate the effectiveness of bilateral partnerships in helping the Great Lakes' community achieve the goals set forth by the Great Lakes Water Quality Agreement.

ECOPP conducted two Agricultural Pesticides Amnesty Collection (Clean Sweep) Events on April 3 and 4, 1995 with the cooperation of neighboring Chautauqua and Niagara Counties. Farmers and agribusinesses from all three counties participated in removing unwanted/unusable pesticides from the Great Lakes Basin in a manner that protects area watersheds.

ECOPP held and "Environmental Management for Municipal Facility Managers" workshop on April 12, 1995. This event was designed to educate personnel from highway and buildings and grounds departments about pollution prevention, environmental compliance and nonpoint source pollution abatement.

ECOPP will be co-sponsoring the "Keys to the Watershed - Turning Decisions into Results" International Symposium on June 7-9, 1995 in Buffalo, New York. The symposium will present the ecosystem approach to watershed management as a way of reaching your community's environmental and economic needs through the thorough understanding of the effects of decisions on your watershed and the living and non-living systems it contains.

For more information contact: Thomas R. Hersey, ECOPP, (716) 858-7674.

SUFFOLK COUNTY WATER AUTHORITY

A second meeting was held in March with a number of local universities that are interested in starting a local pollution prevention consortium of universities similar to the New England Consortium. The meeting focused on goals, funding sources and development of an intern program to assist local business and industry. The universities are also interested in participating in the development of the Region 2 University Consortium. Judy Jakobsen will be coordinating contacts from universities located in Nassau and Suffolk Counties to assist NEWMOA in its efforts to develop the Region 2 Consortium. Due to the links being created with local universities, more university students have been using the Authority's Pollution Prevention Library to assist them with information for their pollution prevention projects.

The Authority partnered on a Pollution Prevention incentives for the State Grant with the NYS DEC and three long Island Universities and the University of Rhode Island to develop an intern program to perform on-site pollution prevention audits at local businesses and industries.

Ms. Jakobsen gave a presentation on the Authority's Pollution Prevention Program before the American Energy Engineers Association on March 28th.

Upcoming events include a teleconference scheduled the end of May that is sponsored by NYS Department of Economic Development that will be on the Clean Air Act Amendments that affect vapor degreasers. This is scheduled to be held at the Suffolk Community College Brentwood Campus. Another workshop will be held on June 24th by the NYS Department of Economic Development on assistance available to local business and industry. The location and time of this workshop is to be announced. SCWA staff will be facilitating at the first workshop and giving a presentation at the second workshop.

For more information contact: Judy Jakobsen, SWCA, (516) 563-0306.

RHODE ISLAND

RHODE ISLAND DEM

Rhode Island DEM's Pollution Prevention Program continues to work with RI businesses to help them reduce or eliminate hazardous waste thereby cutting costs for input materials, waste disposal and environmental permitting. In addition to the normal pollution prevention activities, this Office has also been responsible for the building and operation of the new Household Hazardous Waste Collection Facility. The facility is owned by RI DEM and located on Narragansett Bay Commission property in the Port of Providence. The facility will be accepting household hazardous wastes from RI residents of all thirty-nine cities and towns in the state (an estimated 300,000 households). Wastes will be collected on an appointment basis starting in May 1995. Typical materials to be accepted include solvent-based paints and thinners, solvents, pesticides, swimming pool and hobby chemicals, household cleaners, automotive waste oil and antifreeze.

The operations portion of the facility is a pre-engineered building and includes an attached drive-through canopy where unloading of wastes from vehicles will take place. The facility includes an operation area and a handicapped accessible rest room. The facility is equipped with heating, sprinkler system, fire alarm system with auto-dialer, indoor consolidation hood for flammables, exhaust fan with air exchanger, sumps, and explosion proof ceiling fans and lighting.

There are three hazardous waste storage lockers to the rear of the facility. The storage lockers are equipped with state of the art security and fire alarm system, explosion proof leak detection systems and lighting, ventilation fans, dry chemical suppression systems, explosion relief panels and sumps.

The facility will be operated by an outside contractor, who is responsible for facility operations and waste recycling/treatment/disposal through approved facilities, required documentation and reports, and staff training.

For more information contact: RI DEM Pollution Prevention Program, (401) 277-3434.

VERMONT

VERMONT DEC

The Division has recently completed a revision to pollution prevention planning procedures for large and small quantity hazardous waste generators and toxics users. Planning requirements for hazardous waste reduction and TUR have been consolidated into one planning procedure consisting of ten worksheets that will constitute the plan and plan summary. The Division sought and received legislative approval to extend the due date for TUR plans from July 1, 1995 to July 1, 1996 in order to consolidate toxics use reduction planning, with the 1996 due date for the second round of hazardous waste reduction plans (due every three years).

The Division will be conducting a series of statewide workshops in May and June to review the new procedures with affected facilities. The Division anticipates between 275-300 facilities are or will be subject to P2 planning as a hazardous waste generator or toxics user.

The Division conducted a P2 survey of businesses in the state that are subject to planning requirements and smaller businesses that generate hazardous waste (HW) and toxic emissions, in order to determine informational needs and preferred information delivery mechanisms for future outreach efforts. Results of the survey were interesting, with a few surprises. The most preferred conference/workshop topics in order of preference were: (1) environmental regulations; (2) new technologies; (3) case study presentations; and (4) environmental audits. The most preferred information delivery mechanisms were industry-specific focus group meetings and technical industry-specific or process specific conferences, followed by newsletters. When asked what types of workshop/conference speakers they wish to hear from, respondents indicated regulatory/compliance staff (by a wide margin), followed by P2 and technical assistance staff, and then other businesses.

The Division has begun to evaluate some of the impacts of its P2 planning law on in-state hazardous waste reduction since the law took effect in 1992. Preliminary data is encouraging. Overall statewide HW generation (as measured by

all manifested HW shipped via manifest) has decreased by one-third since peaking in 1992.

The Division is coordinating a process to develop a department-wide environmental compliance assistance program. There is a statutory requirement on the DEC to develop a compliance assistance program across all media with similar elements to those under Section 507 of the Clean Air Act for Small Business Assistance Programs (including ombudsman, compliance audit assistance, P2 assistance, and general permitting and regulatory and compliance assistance). An advisory committee consisting of governmental, environmental and business interests will meet between April and December to evaluate options for a broad-based compliance assistance program and make recommendations to the Secretary of the Agency.

The Division is developing pollution prevention training for all DEC inspectors in May as part of a department-wide effort to cross-train inspectors in different media programs and to initiate media-coordinated inspections.

Vermont's Clean State Program is in full swing with a comprehensive environmental assessment of the Agency of Natural Resources underway by six assessment teams, a state-wide green purchasing plan in draft form, and recycling education efforts underway to increase the rates of recycling in state government.

The Division has participated with the state's Solid Waste Districts in P2 workshops for printers, automotive service and repair, and building and construction contractors. The Division plans to collaborate with the district on additional workshops for small businesses this year.

On May 11, the Division is sponsoring a P2 and regulatory compliance focus group meeting for metal working industries in collaboration with EPA-New England. The meeting will take place at the Simmonds Precision facility in Vergennes, VT, a previous recipient of the Governor's Award for P2, and involves a tour of their newly constructed plating facility.

For more information contact: Gary Gulka, VT DEC, (802) 241-3888.

EPA-NEW ENGLAND

EPA-New England's involvement in the Common Sense Initiative (CSI) continues to increase as the national CSI workgroups develop goals and begin to hold meetings in New England. Mark Mahoney is our lead for CSI; certain NEEATeam members (see below) also participate. (contact: Mark Mahoney, (617) 565-1155)

The New England Environmental Assistance Team (NEEATeam) is now 13 strong. We continue to focus on three industry sectors (metal finishing/plating, electronics/computers and printing) that are also CSI targets, and on municipalities, and are also creating a recognition program and an assistance hotline. NEEATeam members and their current concentrations:

Christine Bonica: electronics, recognition, (617) 565-3251

Chuck Conway: municipalities, recognition, (617) 565-3517

Linda Darveau: metals, (617) 565-4993

Mary Dever: recognition, (617) 860-4620

Jack Healey: municipalities, (617) 565-3542

Chris Jendras: assistance line, (617) 565-3283

Joan Jouzaitis: metals, (617) 565-9009

Anne Leiby: printing, recognition, (617) 565-4974

Lee MacMichael: recognition, assistance line, (617) 565-9230

Mark Mahoney: team co-lead, (617) 565-1155

Sally Mansur: printing, (617) 565-1378

Andy Miniuks: electronics, (617) 565-3049

Abby Swaine: team co-lead, (617) 565-4523

By the time this reaches print, the NEEATeam will have held focus groups with each target sector, and is beginning to carry out projects that include the aforementioned recognition program and toll-free assistance hotline, plus technical workshops, compliance/P2 manuals, self-audits protocols, roundtables on regulatory issues, technology demonstrations, and networks to increase options for small industry. The NEEATeam appreciates the generous assistance the NE state P2 programs are giving us

as we hold focus meetings and develop projects. (contact: Abby Swaine, (617) 565-4523)

EPA-New England and Region 2 co-hosted "EPA Northeast Federal Facilities Conference: Compliance and Pollution Prevention Through Improved Partnerships" on April 11-12 in Providence, RI. (contact: Anne Fenn, (617) 565-3927)

EPA-New England awarded \$105,000 through the Long Island Sound Study to ConnTAP to target its pollution prevention site visit program at manufacturing facilities emitting toxics to the Quinnipiac River. This is an example of new efforts to find P2 opportunities and resources in geographic initiatives. (contact: Mel Cote, (617) 565-4432)

EPA-New England's Ground Water Management Section conducted two full-day workshops in March for New England teachers piloting the Region's draft ground water protection curriculum. The workshops demonstrated ground water protection activities to help students learn P2 and other techniques that towns, industries, businesses, and citizens can employ to reduce hazardous materials and handle them safely. (contact: Michele Notarianni, (617) 565-4886)

EPA-New England's "Green Spaces/Healthy Places" environmental justice project trained the AmeriCorps-funded City Year Team that will perform environmental service work in Roxbury, MA. The volunteers learned about P2 and energy efficiency, and performed energy, lighting and weatherization audits under supervision of professionals. Boston Edison, a Green Lights Ally, donated 500 energy efficient "Green Lights" compact fluorescent bulbs for distribution by the City Year Team to residents of this low income neighborhood. (contact: Norman Willard, (617) 565-3265)

Recent additions to EPA-New England's Green Lights program include Connecticut College, Wesleyan University, Foxwoods Resort and Casino (a Native American-owned facility that is the largest casino in the world and the first to join GL), Beth Israel Hospital of Boston, several New Hampshire Hospitals, Westover Air Force Base, and Nuestra Comunidad Development Corporation and the Dudley Street

Neighborhood Initiative (the first two not-for-profit community development agencies to join GL). The State of Connecticut has signed the Energy Star Computer Statement of Principle and now all computer equipment procured by the state will be EPA Energy Star-conforming products. (contact: Norman Willard, (617) 565-3265)

EPA-New England and Massachusetts OTA are co-sponsoring eleven downlink sites for a May 24 teleconference on the MACT standard for solvent degreasers. (Linda Darveau, (617) 565-4993)

Two NEEA Team members attended the Design for the Environment (DfE) conference on screen printing in Chicago on April 6-7. (contact: Sally Mansur, (617) 565-1378 or Anne Leiby, (617) 565-4974)

EPA-New England awarded \$52K in RCRA program funds to MA TURI to evaluate alternative inking and blanket wash systems/products emerging in the printing industry. (contact: Sally Mansur, (617) 565-1378)

For more information contact: Abby Swaine, EPA-New England, (617) 565-4523.

EPA REGION 2

Pollution prevention was the theme of one of Region 2's three Earth Day display booths. The booth had a photographic and text display of solar products, and was used to distribute information on how to conduct a green office audit, eliminate the receipt of unwanted mail and provide other information of interest to the general public.

EPA Region 2 has just moved into a new building with a new library, which has more space for the pollution prevention section. In addition, pollution prevention has been elevated to Special Collection status, meaning that the material will be easier to spot when browsing.

On January 24, Ellen Harrison, Director of Cornell University's Center for the Environment, spoke to Region 2 staff about the P2 workshops she conducted in 1994. The workshops, co-funded under a 1993 PPIS grant,

targeted local governmental agencies in Puerto Rico and throughout New York State.

On May 22 and 23, Region 2 will host a Headquarters sponsored training for EPA enforcement personnel. SAIC trainers will include material on P2 assessments, total cost accounting, life cycle assessments and other general P2 information. Region 2 staff will present case studies on how they have leveraged P2 into supplementary environmental projects. A few spots should be available for state and local staff in Region 2. (contact: Janet Sapadin (212) 637-3584)

US Military Academy, Region 2 and the Lighting Research Center at Rensselaer Polytechnic Institute conducted a Green Lights Breakout session at the Regions 1, 2, and 3 Federal Facility Managers' Pollution Prevention Conference in Providence, Rhode Island April 12.

Region 2 and Headquarters OAR hosted a Green Lights Region 2 Partner Recognition Ceremony April 18, 1995 with the Regional Administrator, and Program Director Maria Tickoff. The US Military Academy was recognized as the largest DOD facility to be in the program to date. (contact: Ed Linky (212) 637-4247)

Forty waste minimization audits will be conducted at hazardous waste facilities throughout Region 2, and are scheduled to be completed by June 1995. The audits will target large quantity generators (LQGs) who handle ozone depleting chemicals and LQGs that send hazardous waste to boilers and industrial furnaces (BIFs). The audits have been designed to collect information regarding waste minimization planning and implementation, and compliance assistance needs (i.e. alternative technologies, training, and clearinghouse).

As part of the Multimedia wellhead initiative, Region 2's Hazardous waste Compliance Branch will be developing a compliance assistance program for the Southern portion of Camden, New Jersey. The focus will be on providing Small Quantity Generators with regulatory compliance assistance and pollution prevention/waste minimization guidance. Staff from Region 2 met with NJDEP's Office of Pollution Prevention and Office of Advisement

and Classification during the first week of April to discuss cooperative opportunities to provide compliance assistance throughout New Jersey.

The first of six Federal Facility Pollution Prevention Planning workshops to assist facilities in complying with Executive Order 12856, took place in Region 2 at Governor's Island, New York, on March 21 and 22, and attracted approximately 100 people from all over the East Coast. At the workshop, environmental coordinators were provided with an overview of requirements, planning approaches, and management techniques that are needed to prepare a pollution prevention plan. (contact: Jeanette Dadusc (212) 264-1830.

For more information contact: Janet Sapadin, EPA Region 2, (212) 637-3584.

NEW P2 PUBLICATIONS

The following is a list of new publications on P2 and where you can order them:

Toxic Chemical Management in Massachusetts: The Second Report on Further Chemical Restriction Policies. TURI, January 1995, (508) 934-3275.

Environmental Handbook for Oregon Construction Contractors: Best Pollution Prevention Practices, Oregon Waste Reduction Assistance Program, May 1994, (503) 229-5913.

Cleaner Technologies Substitutes Assessment Executive Summary, Industry: Screen Printing, Use Cluster: Screen Reclamation, EPA 744R-94-005, September 1994, (202) 260-1023.

Technical Assistance Outreach Program, "The TA Blitz", Oregon DEQ, December 1994, (503) 229-5263.

Auto-Body Surface Coating: A Practical Guide to Reducing Air Emissions, University of Northern Iowa, 1994, (319) 273-2079.

Chromium Emission Reduction for Electroplaters and Anodizers, University of Northern Iowa, 1994, (319) 273-2079.

Strategies for Fiberglass Fabricators, North Carolina Office of Waste Reduction, 1995, (919) 571-4100.

Office of Waste Reduction Case Studies, " A Compilation of Successful Waste Reduction

Projects Implemented by North Carolina Businesses and Industries", NC Office of Waste Reduction, December 1994, (919) 571-4100.

Pollution Prevention Ideas from Texas Industries: A Case Study Compendium, Texas Office of Pollution Prevention and Recycling, November 1994, (512) 239-1000

MEB's Annotated Guide to Business and Environment Cases and Videos, March 1995, Management Institute for Environment and Business, (202) 833-6556.

Pollution Prevention Planning Measurement in Washington State, December 1994, Washington State Department of Ecology, (206) 407-6721.

Pollution Prevention Measurement in Washington State, Task 2: Testing the Utility of Pollution Prevention Measurement Methods and Data at the Facility Level, Washington State Department of Ecology, (206) 407-6721.

Environmental Policies and Practices of the Financial Services Sector, January 1995, Environment and Economics, U.N. Environment Programme, (212) 963-8139.

NEWMOA'S P2 PUBLICATIONS

P2 Successes, A Compendium of Case Studies from the Northeast States, 1993, \$30 (\$15 for non-profit & government agencies).

Guide to State P2 Technical Assistance Programs in the Northeast, 1993, \$15 (\$7 for non-profit & government agencies).

Northeast States P2 Roundtable: A Directory of Participating Programs, 1995, \$10 (\$5 for non-profit & government agencies).

Source Reduction of Toxic Metals in Household Batteries: Federal, State & Industry Initiatives, 1991 Report and 1993 Update, \$30 (\$15 for non-profit & government agencies).

Lead, Cadmium & Mercury in Hospital Solid Waste: A Scoping Study, July 1992 Report, \$30 (\$15 for non-profit & government agencies).

Improving Your Competitive Position: Strategic and Financial Assessment of Pollution Prevention Projects, A Training Manual, 1994, \$15 (\$7.50 for non-profit & government agencies).

Measuring State Pollution Prevention Program Effectiveness in the Northeast: A Working Paper, 1992, free.

A Practical Guide to Pollution Prevention in the Northeast, 1993, we have a limited supply of free copies.

Northeast States Pollution Prevention Roundtable Training Handbook, 1993, \$80 (\$40 for non-profit & government agencies).

Pollution Prevention Measurement at Facilities: Status of the Northeast States' Programs, 1993, we have a limited supply of free copies.

Sources of Hazardous Waste Shipped for Incineration, Landfill or Stabilization: Using Biennial Report Data in the Design of Waste Reduction Services in New Hampshire, 1993, \$14 (\$7 for non-profit & government agencies).

For more information on ordering NEWMOA reports, please call Lois Makina, (617) 367-8558.

NEWMOA would like to thank the following people for writing and producing this newsletter: Ronald Austin, Cynthia Barakatt, Robert Brown, Gary Gulka, Tom Hersey, Judy Jakobsen, Beverly Johnson, Tristyne Jones, Deborah Milecofsky, Vince Perelli, Ann Pistell, Lisa Regenstein, Janet Sapadin, Mary Sherwin, Abby Swaine, Mary Werner, and Terri Goldberg. Special thanks to Lois Makina at NEWMOA for typing the newsletter. Terri Goldberg managed production of the newsletter.

Northeast States Pollution Prevention News

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CALENDAR

Title	Sponsor	Date/Location	Contact
The 7th Annual New England Environmental Expo	New England Env. Expo	May 9-11 -- World Trade Center, Boston, MA	(617) 489-2302
The Environmental Venture Capital Forum	EPA-New England	May 10 -- World Trade Center, Boston, MA	(617) 253-7163
P2 & Regulatory Compliance Focus Group Meeting	VT DEC	May 10 -- Simmonds Precision facility, Vergennes, VT	(802) 241-3888
A Conference on Corporate Environmental Accounting	University of Houston	May 15-16 -- Houston, TX	(713) 743-4630
Comparison & Critical Assessment of Industry Codes	Massachusetts Institute of Technology	May 16 -- MIT, Cambridge, MA	(617) 253-3586
Rethinking Environmental Regulation: The Reform Agenda of the Administration & 104th Congress	Inside EPA	May 16-17 -- Arlington, VA	(800) 424-9068
DOE Pollution Prevention Conference XI	US Department of Energy	May 16-18 -- Knoxville, TN	(615) 435-3507 (615) 435-3415
8th Annual Pollution Prevention Conference	New York State DEC	May 17-19 -- The Omni Albany Hotel, Albany, NY	(518) 457-2480
P2 Training	EPA Headquarters	May 22-23 --EPA Reg. 2	(212) 637-3584
Solvent Degreaser Teleconference	Univ. of TN, Center for Industrial Services	May 24 -- Locations Throughout the Region	State P2 offices to identify locations.
International Marketing Assistance and Export Finance Opportunities	EPA-New England	May 25 -- Bryant College, Smithfield, RI	(617) 864-7757
TRI Half Day Workshop	EPA-New England	May 23 -- Ramada Inn, Lewiston, ME	(617) 864-2042
TRI One Day Workshop	EPA-New England	May 31 -- Holiday Inn, East Hartford, CT	(617) 864-2042
Connecticut Pit Stops Conference	CT DEP	May 31 -- Southbury, CT June 7 -- East Hartford, CT June 14 -- Meridan, CT June 20 -- New London, CT	(203) 424-3297
International Congress on Hazardous Waste: Impact on Human & Ecological Health	US Dept. of Health & Human Services	June 5-8 --Marriott Marquis Hotel, Atlanta, GA	(404) 727-8744
TRI Half Day Workshop	EPA-New England	June 7 -- Holiday Inn, White River Junction, VT	(617) 864-2042

Design for the Environment: Fundamentals for Sustainable Development	University of Michigan	June 19-21, Ann Arbor, MI	(313) 764-8490
P2 Assistance	NYS DEC	June 24 -- To be arranged	(518) 457-0306
The Pollution Prevention Excellence Institute	Government Institutes	July 17-21 -- Ramada, Alexandria, VA	(301) 921-2345
International Conference on Clean Electronics, Products & Technology	IEE	October 9-11 -- Edinburgh, Scotland International Conference Center	44 (0) 171 344-5477/5478
World Congress on Waste Management	ISWA	October 15-20 -- Hofburg Congress Center & Vienna Showground	43 1 310 20-07
Strengthening Synergy Between Environmental Research & Education	UETP-EEE	October 16-19 -- EC Joint Res. Centre, Ispra, Italy	358 0 159 0317
1995 Int. CFC & Halon Alternative Conference	Alliance for Responsible Atmospheric Policy	October 23-25 -- Washington Hilton & Towers	(301) 695-3762
National Pollution Prevention Roundtable Meeting	NPPR	December 6-8 -- Miami Beach, FL	(202) 543-7272

Northeast States Pollution Prevention News

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