



NORTHEAST STATES POLLUTION PREVENTION NEWS

THE NORTHEAST WASTE MANAGEMENT OFFICIALS' ASSOCIATION
(NEWMOA)

Vol. 1 No. 1 85 Merrimac Street, Boston, MA 02114, (617) 367-8558 Fall 1991

INTRODUCTION

Welcome to "Northeast States Pollution Prevention News"! NEWMOA is initiating this periodic bulletin to provide an ongoing update on the pollution prevention (PP) activities of the Northeast (New England states, New York and New Jersey) state and federal agencies and programs. The appearance of these bulletins will be designed to correspond with the quarterly Regional meetings of the state PP programs. Several state PP programs involved in these meetings requested that the Northeast Multi-Media Pollution Prevention Program (NEMPP) of NEWMOA start a bulletin to facilitate interstate communications on PP activities.

Each state and EPA Regional office in the Northeast has contributed a brief program update to this issue, and NEWMOA appreciates their cooperation and support. We have organized this bulletin in alphabetical order by state with updates from EPA Regions 1 and 2 after the states. We welcome your comments and suggestions on the format and content of this initial issue of "Northeast States Pollution Prevention News."

NEMPP UPDATE

Training Opportunities

NEWMOA's NEMPP program has initiated a number state training activities for this fall. The following is a list of the upcoming training opportunities for state PP staff:

- October 9-10 PP Instructor Training for Region 1 state and EPA staff to be held at the EPA Regional Laboratory in Lexington, MA. Training limited to 20 participants.
- October 24 "Financial Analysis for PP Projects" Workshop to be held at the Tufts University Center for Science and Technology in Medford, MA for Region 1 and 2 state and EPA staff.
- December 4-5 PP Instructor Training for Region 2 state and EPA staff to be held in Albany, NY. Training limited to 20 participants.

Report Available

NEMPP recently completed a report on financial analysis techniques for PP, called "Total Cost Assessment: An Overview of Concepts and Methods." This report will be used in the workshop on financial analysis methods described above. They are completing two case studies and

CONTENTS

Connecticut	2
Maine	4
Massachusetts	4
New Hampshire	7
New Jersey	8
New York	9
Rhode Island	10
Vermont	10
EPA Region 1	11
EPA Region 2	12

the workshop curriculum, which should be available in the next few weeks.

Clearinghouse Update

They are currently working with the EPA PIES database staff on uploading the NEMPP clearinghouse information and experts list onto the database. Work on the database should be completed within a few months.

TUR/PP Planning Committee

At the last Regional meeting of the NEMPP Workgroup, the group decided to form a committee to discuss regional approaches to TUR/PP planning activities. The first meeting of this group took place on September 5. Participants from five of the Northeast states shared information on the status of their programs, planning guidance, and TUR/PP data. The next meeting of the committee is scheduled to take place on October 29.

NEWMOA Annual Conference

NEWMOA will be holding its annual conference in Waterville Valley, NH on November 13-15. The conference is cosponsored by EPA Regions 1 and 2 and involves state and federal solid and hazardous waste officials and PP staff. This year the agenda will include concurrent sessions on the following PP topics:

- Measuring PP Achievements;
- Integrating PP into the RCRA C Program;
- Multi-Media, Whole Facility Compliance Strategies;
- Solid Waste Source Reduction.

The conference will also include a plenary session on PP that includes an update on EPA's PP program, developments in industry, and state experience with industrial PP planning and reporting. A luncheon speaker will address "Materials Use Policy."

NEWMOA welcomes participation in the conference by state PP staff as well as solid and hazardous waste program staff.

For more information contact: Terri Goldberg, NEMPP Program Manager, (617) 367-8558.

CONNECTICUT

CT DEP

The following is a description of CT DEP PP Activities:

- CT DEP is planning to establish a pollution prevention program that will incorporate a PP strategy in the Department's environmental programs and a source reduction outreach group supporting EPA's 33/50 Project.
- CT DEP will be hiring an Environmental Analyst within the next couple of months to develop and coordinate the Department's pollution prevention initiatives.
- CT DEP is in the process of establishing a pollution prevention task force that draws on the expertise from the Air, Water, and Waste Bureaus. The mission of the task force will be to look for ways to institutionalize multi-media PP in existing policy, program development, permitting and other regulatory programs in the Department.
- CT DEP chairs the legislative committee of the Coalition of Northeast Governors (CONEG), which is drafting model legislation for introduction in 1992 throughout the Northeast to implement waste reduction in packaging.
- CT DEP is developing land use regulations for the Aquifer Protection Program. This program establishes a state-municipal partnership to protect public wells in stratified drift through aquifer mapping, land use regulation and education.
- CT DEP is planning conferences for February and June that will focus on regulatory programs and pollution prevention across media.

CT PP Legislation

The following is a description of recent CT legislation that promotes PP:

- Public Act 90-215: AAC Reduction of Toxics in Packaging requires the reduction of lead,

mercury, cadmium and hexavalent chromium in packaging or packaging materials used or sold within the state. These reductions are designed to improve the quality of landfill leachate and enhance the recyclability of packaging and the quality of ash residue generated by incineration. The act is based on model legislation developed by the Source Reduction Council of the Coalition of Northeastern Governors (CONEG). The bill will be effective October 1, 1992.

- Public Act 91-337: AAC Mercury Batteries (hb 7216) prohibits disposal of mercuric oxide batteries except for returns to retailers, wholesalers, manufacturers, or recycling centers. The law establishes limits on mercury batteries; and requires DPW to establish a pilot program to recycle florescent light bulbs, report on a pilot program to recycle florescent light bulbs, and report on the feasibility and cost. DEP is required to assist the development of battery recycling programs at senior citizen centers. The bill will be effective January 1, 1992.

- Public Act 91-376: AAC Environmental Assistance to Business (hb 6022) establishes a \$10 million environmental assistance revolving loan fund for small business pollution prevention activities. The bill establishes an office of Environmental Business Assistance in the Hazardous Waste Management Service and an office of Small Business Ombudsman in the DEP. The law also requires each agency to allocate funds from the Emergency Spill Response Fund to document expenditures. The bill will be effective January 1, 1992.

- Public Act 91-345: AAC Recycling of Antifreeze (hb 5030) was passed by the legislature and vetoed by the Governor on July 5, 1991.

For more information on contact: Liz Napier, CT DEP, (203) 566-4924.

CONN TAP

Site Visit Program

ConnTAP was recently awarded a grant

from EPA Region 1 to implement a Site Visit Program. The purpose of the program will be to conduct initial PP assessments at Connecticut companies and provide them with suggestions on ways to begin implementing PP. The grant money will be targeted at companies with wastewater discharges, especially those with discharges to "critical" waters of the state. However, ConnTAP will visit any facility in the state that is interested in the program.

ConnTAP is currently hiring a coordinator for the Site Visit Program. They plan to use retired industry professionals and/or students to conduct the visits starting in Feb. 1992.

Conference

ConnTAP will be cosponsoring a conference with the Connecticut Association of Metal Finishers (CAMF) on October 30. The conference is entitled, "Sixth Annual Conference on PP in the Metal Finishing and Manufacturing Industries." Topics will include: Overview from John Hackler, EPA Region 1; Non-Contact Cooling Water Management Options; Case Study -- Action Circuits; and PP Roundtables -- discussion of what is PP and how to implement it.

Grant Project

ConnTAP has been working with Action Circuits of Danbury, CT, a printed circuit board manufacturer for the past year on a Pilot Demonstration grant project. ConnTAP awarded Action Circuits \$50,000 to demonstrate the use of waste minimization methods and technologies, including ion exchange and electrowinning. The project has been completed and the final report will be available soon.

Challenge Grants Available

ConnTAP currently has \$25,000 in Matching Challenge Grants available. This is the fourth year of the grant program. Grants are available for up to \$5,000 to investigate the feasibility of projects to prevent, minimize or otherwise appropriately manage hazardous waste, wastewater discharges or air emissions. Grant

awards must be matched by the recipient. Connecticut organizations are eligible to receive grants, however, contractors or co-applicants (such as consultants) may be from out of state.

For more information contact: Rita Lomasney, ConnTAP, (203) 244-0777.

MAINE

DEP Office of Pollution Prevention

In June, ME DEP created the Office of Pollution Prevention (OPP) through an amendment to the state Toxics Use Reduction (TUR) law. The Commissioner has located the OPP within the Office of the Commissioner to emphasize the multi-bureau nature of PP. The OPP's functions include:

- Establishing priorities for PP in ME;
- Managing intra-departmental activities relating to PP;
- Coordinating activities with other agencies and entities within the State, region and nation;
- Implementing and tracking compliance with ME's TUR law;
- Acting as a public contact for PP activities and inquiries;
- Acting as an information resources clearinghouse on PP issues;
- Developing workshops and seminars to educate and train the public and regulated community about PP;
- Directing staff training workshops and seminars on PP;
- Instituting a PP awards program to recognize businesses, local governments, Department staff and others that have implemented outstanding or innovative PP programs, activities or methods;
- Working with the State procurement system to encourage the purchase of products consistent with PP objectives; and
- Participating in or attending state, regional, or national conferences and workshops on PP in order to stay current in this area.

PP Task Force

To enhance intra-departmental communications and coordination, DEP created a

PP Task Force, which has had three meetings to date. The membership of the Task Force is comprised of two staff members from each of the media Bureaus: Air, Land, Water and Waste (hazardous materials, underground oil tanks, solid waste, etc.) Of the two members, one must be a Division Director (middle management level) to give the Task Force the necessary "umph" to get program commitment.

Awards Program

The OPP is currently developing a PP awards program. The program will be used to annually honor businesses, municipalities, and state employees, who have demonstrated the highest level of implementation and innovation in the field of PP.

TUR Plan Guidance

The OPP is currently drafting TUR plan guidelines. The draft guidelines are about 35 percent complete and will be sent out internally and externally for comment by November 1. The final completion date is January 1992.

For more information contact: Mick Kuhns, ME DEP, (207) 289-2811.

MASSACHUSETTS

MASSACHUSETTS DEP

Cross Media/PP Regulation

MA DEP is actively investigating the feasibility of implementing the "Blackstone" approach to industrial compliance and enforcement agency wide during July 1993. As a first step in this investigation, the Department will establish multimedia/toxics use reduction compliance capability on a pilot basis in all four of DEP's regional offices. To support this effort DEP will develop over the next year a formal multi-media training program for regulatory, program planning, and technical assistance staff. At a minimum the program will include the air quality control, industrial wastewater, RCRA and TURA and Section 313 program and will work in

conjunction with OTA and the POTWs. In 1992 and 1993 (State fiscal year 1993), DEP will train staff and set up the necessary administrative and managerial systems. The new approach will then begin in state fiscal year 1994.

DEP has formally requested that EPA provide them with flexibility in their grant commitments in order to further their goal of implementing cross media programs.

Three of the four regional cross media/toxics use reduction coordinators have started work. The fourth will begin in a few weeks. At this point, they are being trained, identifying the rest of the staff in the regional office who will participate in the pilot and beginning to identify the facilities that will be inspected.

DEP is about to post a job announcement for a senior level cross media coordinator in the NE region who will manage a cross media/toxics use reduction biased pilot permitting project. Several model approaches to cross media/toxic use reduction biased permitting will be developed and tested over a one and a half year period.

TURA Reporting

DEP has received the first annual reports from approximately 600 firms. There was considerable confusion regarding the term "by product", which under TURA means the quantity of waste that is generated (air, water, solid and hazardous) and would be released if there were no further treatment. Many firms reported that they had "emissions" (the quantity of waste that is actually released from the site after treatment) yet no byproducts. They will be requesting all reporters to correct their filings.

Another major problem with the reports was that firms did not adequately describe the "production units" on which they reported.

The database is in the final design stages. Programming will begin in the next two weeks, and DEP is on schedule to have the system up and running by January.

Toxics Use Reduction Planning

DEP will begin to work on plan criteria over the next few months. The Agency will also begin to work on planner certification regulations and exams in the Winter.

For more information contact: Suzie Peck, MA
DEP, (617) 292-5870.

TOXICS USE REDUCTION INSTITUTE

The Toxics Use Reduction Institute (TURI) has been involved in several education and research activities during the spring and summer. A description of these activities are provided below.

Education

On July 2, 1991 the Institute submitted the Toxics Use Reduction Planners Manual to the Massachusetts Executive Office of Environmental Affairs. The training manual, which is an accompaniment to the "Toxics Use Reduction Planners Curriculum", was developed by the Institute as mandated by the Toxics Use Reduction Act of 1989. The law required submission of the manual to the Executive Office of Environmental Affairs by the July 1, 1991 deadline.

The training manual consists of four sections. Section one, "Preparing for Planning" presents an introduction to the concept of toxics use reduction and sets the framework for subsequent sections. Section two, "Analytical Methods" presents issues on process characterization, cost accounting and regulatory auditing. Section three, "Planning" provides information on developing an in-house toxics use reduction plan and takes potential planners through the actual steps in a comprehensive plan. Section four, "Massachusetts Toxics Use Reduction" focuses on regulatory requirements, including an overview of the Toxics Use Reduction Act, reporting requirements, and planner responsibilities. The manual concludes with an Appendix which consists of Resources and Financial Software.

Specialized units will supplement the manual. Three-to-four units or training modules are planned and each will focus on a specific industrial segment such as electronics, chemicals and polymers, and metal finishing. The training units, which are being developed by the Institute staff are scheduled for completion by the fall of 1991.

The Toxics Use Reduction Planners Course, where the manual will be used, is designed for individuals who wish to be certified as Toxics Use Reduction Planners (TURPs). TURPs will work with industrial toxic users to develop and implement TUR plans as well as to review and approve TUR plans. These plans are required of all industrial segments that manufacture or use a specific chemical or chemicals above the specified threshold level. The plans are due in 1994 and must be approved by a certified toxics use reduction planner.

A pilot for the TUR Planners Course is scheduled for this fall at the University of Massachusetts-Lowell. The course will consist of 48 hours of instructions over an eight-week period. Approximately 25 individuals will participate in the pilot. Representatives from the electronics, metal finishing, and plastics and polymers section will participate in the pilot as will industrial consultants.

In order to ensure that the course is available in all major regions of the Commonwealth, the Institute plans to collaborate with other Massachusetts colleges and universities to offer the course. TURI expects that they will select at least three colleges or universities to participate in the training program. Those selected will attend an intensive "train-the-trainer course" on the curriculum that will be conducted by Institute staff in January 1992. The regional courses are expected to begin in the spring of 1992.

The Institute staff projects that between 400 and 600 individuals will take part in the training program. Successful completion of the course is the first step toward certification as a TURP. Prospective planners must also meet one of three additional requirements: an advanced degree in such areas related to TUR as civil

engineering, chemistry, industrial engineering, and one year of industrial experience; a B.S. degree in a field as indicated above and two years of industrial experience; or a minimum of four years of industrial experience with no advanced degree. Certification as a TURP will be awarded by MA DEP.

PP in the Pulp & Paper Industry Curriculum

This fall the Institute will also begin an exciting new PP education project, "PP in the Pulp and Paper Industry." The program is targeted to middle school teachers and students and will utilize new interactive and participatory learning technologies, including distance learning.

Working jointly with the Massachusetts Corporation for Educational Telecommunications, the Institute will develop a curriculum that will help students to become more aware of the pollution generating aspects of their consumerism and their ability to affect the environment through their use of selective consumerism. The program will also give middle school teachers experience in the theory and practice of PP education.

Research

Research is moving forward at the Institute with the completion of a research plan. The research plan is divided into three areas: technology, methods and policy research.

Technology research will explore the technical feasibility of specific TUR technologies and will develop new materials and processes, which reduce the use of toxic chemicals. It will include short-term and long-term research projects. The objective of the short-term research is to produce reports that evaluate TUR technologies used for common production processes. Long-term technology research will include the development of new or modified processes that firms can employ to reduce the use of difficult to remove chemicals.

Policy research will explore the use of government initiatives to reduce the use of toxic chemicals. Examples of government initiatives

include chemical restrictions, planning requirements, economic incentives, and educational programs.

The Institute issued its first RFP in September and plans to begin research activities in the fall.

For more information contact: TURI staff, (508) 934-3275.

MA OTA

During the last several months, the Office of Technical Assistance has been scaling up to expand its technical assistance program to the southeastern, western and northeastern regions of the state. They are continuing to work with the textile companies in Fall River where they were approached by a POTW to help local manufacturers who were having difficulty meeting local copper limits. The project with the platers in southeastern, MA is being reactivated, and they will be looking at follow-up data to their effort there several years ago.

In the northeast and western regions, meetings have been held with local Chambers of Commerce, POTWs, regional planning agencies and regional DEP offices to enlist cooperation and coordination for OTA activities.

Initial work on the Merrimack River Project, an interstate PP project funded by an EPA grant, has begun. The purpose of the project is to encourage source reduction in the Merrimack River Valley by working with industries through POTWs.

Other office activities have included preparation of a draft of a guide for industry on implementing a TUR program, continued work with NEWMOA on the curriculum for the total cost assessment training, meetings with the Department of Labor and Industries to identify areas of mutual concern and possible coordination, and discussions with the TURI at Lowell to identify research needs.

During the next three months, OTA will work with DEP and TURI to hold workshops for those companies that will be first time filers under TURA next July.

OTA will also sponsor two other workshops in November:

- **IN LIVING COLOR:** A National Waste Reduction Teleconference for Industrial Painting, November 6, 1991 at four locations: Northeastern University, Burlington Campus; Holiday Inn, Taunton; Worcester Polytechnic Institute, Worcester; and Univ. of Massachusetts, Amherst.
- **SOLVENTS BAZAAR:** An expo offering a range of alternative solutions as well as hands on experience for CFC users, November 16, 1991 at the Worcester Centrum.

For more information contact: Barbara Kelley, MA OTA, (617) 727-3260.

NEW HAMPSHIRE

New Hampshire DES is involved in the following PP activities:

- The Waste Management Division and the Water Supply and Pollution Control Division are cooperating on a Wellhead Protection Program to create Best Management Practices (BMPs) for a variety of NH industries. They are planning to develop PP fact sheets for this project.
- NH DES Waste Management Division staff attended a two day ASTSWMO Hazardous Waste Reduction Task Force Meeting.
- NH DES sent out 450 information packets to NH businesses announcing the availability of PP money for small businesses and containing a description of NH's technical assistance program (i.e. limited onsite technical assistance and information packets).
- DES staff have completed two technical assistance walk-throughs at NH businesses: one was solid waste oriented and the other hazardous waste oriented. The small metal plating shop that they visited for hazardous waste reduction was very clean with an ion exchange system in

place. They hope to get a NH "Success Story" from that facility.

- DES has submitted an application to support the Merrimack River PP program to EPA.
- Roy Nicholson and Doug Myers from the Alabama WRATT program will be training ten volunteer retired engineers in the PP ethic from September 26-27.
- DES has developed a general multi-media waste reduction fact sheet and description of the state's program for distribution to industry and others in the state.

For more information contact: Vince Perelli, NH DES, (603) 271-3503.

NEW JERSEY

NJTAP

City Auto Radiator Project

On August 16 NJTAP revisited City Auto Radiator in Trenton to follow-up on the initial PP assessment performed in March 1990. Company president Ron Matlack detailed the action he has taken or is planning to take as a result of that assessment.

VOC Reductions

The company is using a latex based radiator paint in place of a solvent based paint previously employed. In addition to eliminating VOC emissions, the paint is far less hazardous to workers. Some problems have been encountered concerning adherence and transfer efficiency, but these are being resolved through improve surface preparation and paint spray equipment adjustment. Cost is another issue of concern. The paint cost twice as much as the solvent based paint. Despite this, Mr. Matlack remains committed to the process change. Annual VOC reduction and projected industry wide impact is as follows:

Estimated annual use (gallons) =	600
Percent VOCs =	x 63
Total gallons eliminated annually =	378
Pounds eliminated annually (7.4 lbs/gal)=	2797

Potential Industry-Wide Impact

Number of Radiator shops in NJ =	x 250
<u>Annual VOC Reduction Potential (lbs) =</u>	699,250

Freon and Antifreeze Recycling

The company has had freon and antifreeze recycling systems in place for some time. While no data was made available, Mr. Matlack stated that both "work beautifully" and that payback occurred in less than one year.

Process Water Recycling

This zero discharge project is in the planning stage. NJTAP is working with City Auto Radiator's management to acquire a U.S. EPA grant for funding. Whether successful or not, purchase and installation is planned for early 1991. The system will eliminate the need for treatment and discharge of caustic, heavy metal laden process water. Sludge generated by the system will be sent to a secondary smelter for recovery of metals at no cost to Mr. Matlack. Water use will be greatly curtailed. Payback is estimated to be 3-4 years based on current disposal costs.

Other Highlights

NJ DEPE has awarded a \$24,000 contract to NJTAP to provide waste audits at seven to ten facilities that contribute to the Bergin County Utility Authority.

A new alliance is being formed with PSE & G. The utility is initiating an industrial assistance unit to retain and attract industry to its service area by providing energy related technical assistance to customers. NJTAP has agreed to work closely with them, and they will refer clients to each other as the opportunity arises.

For more information contact: Kevin Gashlin, NJTAP, (201) 596-5864.

NJ DEPE

New Jersey's Pollution Prevention Act was finally signed into law by Governor Florio on August 1, 1991. The Department must promulgate regulations implementing the Act within 18 months (February 1993). They will likely issue a pre-proposal to get comments on significant issues before formally proposing the rule.

The Act initially covers "priority facilities" defined as facilities regulated under SARA 313. These facilities are further broken down by SIC code. SICs 26, 28, 30, 33, and 34 must prepare PP plans and submit plan summaries to NJ DEPE (the complete plans remain at the facility) by July 1, 1994. All other priority facilities have until July 1, 1996 to submit plan summaries. Progress reports containing process-level information on PP achievements will be submitted annually beginning the year after the plan summaries are submitted. The first progress reports are due July 1, 1995.

The Office of Pollution Prevention (OPP) recently initiated a research project with an outside contractor to prepare a PP plan guidance document. The document also discusses PP planning in general. They are currently seeking additional funds from EPA to expand the scope of the project.

Jeanne Herb is back from maternity leave and have been formally appointed Director of the Office of Pollution Prevention.

For more information contact: Steve Anderson, NJ DEPE, (609) 777-0082.

NEW YORK

NEW YORK DEC

Hazardous Waste Reduction Plans

New York is actively reviewing 80 Hazardous Waste Reduction Plans (HWRPs) received to date and pursuing 30 additional facilities that also should have submitted plans.

As each plan is reviewed, comments are prepared and submitted to the facility. A facility visit is then scheduled to go over the comments and identify additional information that needs to be addressed. By the end of September, 14 plans will have been reviewed and at least six site visits made.

Multi-Media Checklist

DES is developing a multi-media inspection checklist containing key inspections items from many disciplines within the Department. The checklist will be instrumental in the inspection process and provide a useful tool by which multi-discipline areas of concern can be identified by a single inspector. Identified areas will be followed up by inspectors in the identified program areas.

PP Regulations -- Part 378

DEC is developing a new regulation to require facilities to prepare Hazardous Waste Reduction and Air/Water Toxic Chemical Reduction plans.

For more information contact: Dennis Lucia, NY DEC, (518) 457-6072.

ERIE COUNTY PP PROGRAM

Over the past few months the Erie County Program has been updating a mailing list, generating the second round of newsletters, setting up another workshop, developing policies, and conducting site visits.

To increase the number of companies on their mailing list, they have purchased a list of registered motor vehicle repair shops in Erie county, targeted the heads of science and chemistry departments at schools, as well as checking the new Greater Buffalo Chamber of Commerce listing. Their industrial mailing list now totals 4,661 businesses in Erie County.

For their next set of industry specific newsletters, they have added a general one for the industries that do not fall into one of their

specific groups: printing/photofinishing, vehicle maintenance, dry cleaning, electroplating/metal manufacturing and educational/vocational. These newsletters should be distributed in late September or early October.

Their next industry specific workshop will be for the educational/ vocational institutions, concentrating on micro-chemistry and will be held in early November.

They have been working with a local financial institution to develop a low interest loan program for PP equipment purchases. They are also considering other policies based on positive incentives to encourage small to medium size businesses to implement PP.

Their two inspectors have conducted 18 site visits during the summer and continue to offer technical assistance to companies that ask. Most facilities have been vehicle maintenance. However, they have visited a number of metal manufacturers, electroplaters, printers and drum refinishers. These two inspectors will be attending the PP training seminar at the Univ. of Tennessee this September.

For more information contact: Thomas Hersey, Erie County Department of Environment and Planning, (716) 858-7674.

RHODE ISLAND

The Rhode Island DEM Office of Environmental Coordination (OEC) Hazardous Waste Reduction Section has been involved in the following activities:

- Formation of the Rhode Island PP Council. The Council's mission is to generate broad support for PP, to promote source reduction and environmentally-sound recycling, to develop a consensus strategy to reduce pollution in RI, and to encourage active communication and information exchange among all interested and affected parties in the public and private sectors.

- First annual Governor's Award for Excellence in PP (1991). Each year the Governor's Award will be presented to one Rhode Island business,

institution, government agency or individual for a project that has reduced sources of pollution. Additional entities or individuals will be honored with Outstanding Achievement Awards.

- In conjunction with NEWMOA and co-sponsored by EPA and others, a two-day technical conference on PP with emphasis on priority wastes identified in capacity assurance planning activities. The conference will include technical breakout sessions, expert speakers and regulatory presentations.

- Two issues of the PP newsletter due out in October and December. To get on their mailing list, send OEC your name.

- Continued onsite technical assistance work. OEC is working more closely with POTWs, chambers of commerce and other organizations to broaden the base of PP involvement. They will begin conducting reassessments of firms that initially participated in the program to quantify effectiveness and develop case studies.

- Expanding OEC staff and library resources.

For more information contact: Richard Enander, RI DEM, (401) 277-3434.

VERMONT

DEC Division of PP

With the recent passage of the TUR and Hazardous Waste Reduction Planning law, PP activities will be shifting to the newly created Division of PP in VT DEC. A Toxics Technical Advisory Board, serving as liaison with industry, business, and trade associations will also be established to advise the PP Division on its program. The three allocated positions for the Division have not yet been filled. The Division should be staffed by late October.

The statutory duties of the PP Division are as follows:

- Review toxics use reduction and hazardous waste reduction plans;

- Provide technical assistance to industry in its plan development, plan revision, and plan improvement;
- Provide, direct, and manage on-site technical assistance to industry in its plan development, plan revision, and plan improvement;
- Provide staff support to the Toxics Technical Advisory Board (TTAB) and implement authorized and recommended programs;
- Sponsor, in conjunction with TTAB, industry-specific conferences, workshops and seminars on TUR and hazardous waste reduction in order to enhance information exchange and technology transfer;
- Develop and maintain a technical library and information clearinghouse and promote information dissemination to businesses that generate hazardous wastes or use toxic substances;
- Develop and distribute a newsletter and other information materials for business and industry to assist in planning for TUR and hazardous waste reduction;
- Maintain data and information systems on toxics use and hazardous waste reduction and use these systems to develop methods to measure the success of programs to reduce toxics use and hazardous waste generation;
- Coordinate ongoing technical assistance within the Agency and throughout state government;
- Work with other state agencies to evaluate, develop and promote pollution prevention strategies;
- Work with other state agencies to improve data and reporting systems with respect to toxic releases;
- Work with other state agencies to develop pilot programs that encourage toxics use reduction, multi-media source reduction, and reductions in the generation of hazardous waste; and
- Review and comment on environmental regulatory programs and proposed rules, to assure that these programs provide incentives rather than disincentives for PP.

VT DEC anticipates that the primary focus of the new Division over the next year will be to finalize hazardous waste reduction planning requirements that take effect in 1995. Other activities will include outreach to the regulated community on the planning requirements and

industry specific workshops on source reduction. The Division will also be responsible for review of the plans.

Site Visits

The Hazardous Materials Management Division has conducted nearly two dozen waste reduction audits at facilities and is now beginning some follow-up on these companies.

Conference

A day-long vehicle maintenance conference was held in August with over 150 attendees. The conference covered regulatory issues and source reduction.

State Plan

The Hazardous Materials Management Division is preparing the state's Hazardous Waste Management Plan which will address waste reduction and PP.

For more information contact: Gary Gulka, VT DEC, (802) 244-8702.

EPA REGION 1

33/50 Project Outreach Workshop

On August 19, Region 1 held a one-day workshop to explain the 33/50 program to New England companies who were invited to participate in Phase II of the program. While hurricane Bob was raging, 150 representatives from 115 companies arrived to hear speakers from EPA Region 1, ORD Cincinnati, and five of the six New England state PP programs! Although the workshop was terminated at midday due to flooding and high winds, it appeared to be a success.

Strategic Planning

Work is continuing on the PP "Short Term Objective" for FY 92: "To have in place for each Division and Office by June 30, 1992 an

approved PP plan that identifies investments resulting in at least 15 percent of Region 1 resources devoted to PP and that identified multi-media PP activities mutually agreed to by the appropriate Division/Office directors."

A cross-program work group is now writing the guidance and criteria for these work plans, and the training for work plan writers is in the design stage.

Ozone Layer Protection Conference #2

Due to the overwhelming popularity of the first edition (Fall 1990), Region 1 is offering this conference again on September 16-17 in Danbury, CT. Target industries are electronics and metalworking. The agenda includes regulatory updates, technical information on substitutes and processes emphasizing PP, and access to vendors.

New England PP Council

Regional Administrator Julie Belaga is now co-chairing the New England Pollution Prevention (NEPP) Council with Nicholas Koskores, President of the New England Council (the major Region-wide business association). The NEPP Council has formally adopted a set of transportation planning principles ("PP and Transportation: Principles for New England") that "levels the playing field" for environmental considerations and draws upon least-cost energy planning principles. The Council will use the Principles as a context for an October PP Transportation Forum for state environmental and transportation officials in New England.

PP Workshop for Managers

Region 1 held its first in-house PP training, an orientation workshop for managers, during July and August. Guest speakers included Deborah Hanlon, EPA Headquarters PP Office; Bob Pojasek, Geraghty and Miller; and Rick Reibstein, MA OTA.

For more information contact: Abby Swaine, EPA Region 1, (617) 565-4523.

EPA REGION 2

Since April Region 2 has made a number of accomplishments in PP. They include:

- The Air and Waste Management Division is directing an interdivisional multi-media workgroup to coordinate with NJDEP's pre-pilot facility-wide permitting effort.
- The interdivisional 33/50 Project workgroup held its first meeting in July.
- The Region 2 Federal Facilities Coordinator has started work on a pollution prevention assessment project with the U.S. Postal Service in Buffalo, NY. This demonstration project is expected to serve as a national model.
- The Multi-Media Aquifer Protection Project is underway. The project that involves groundwater, includes community PP education programs.

Upcoming events are:

- A total of \$380,000 will be awarded by Region 2 through the RCRA Subtitle D grant program to local governments and non-profit organizations for a variety of solid waste prevention activities.
- Several PP incentives grants are expected to be announced by the end of the fiscal year.

The following people have been designated as divisional PP contacts:

AWMD -- Shelley Holm
ERRD -- Bill McCabe
ESD -- Nora Lopez
OEP -- Terry Ippolito
ORC -- Walter Mugdan
WMD -- John Kushwara

Future Region 2 PP updates will be distributed by the Policy and Program Integration Branch in January, April, July, and October and will summarize current and planned PP activities.

For more information contact: Janet Sapadin, EPA Region 2, (212) 264-1925.

ADDITIONAL UPCOMING EVENTS

- Pollution Prevention -- Making It Happen!
January 26-31, 1992, Santa Barbara, CA. Call
John Warren, (919) 541-7308 for more
information.
 - International CFC and Halon Alternatives
Conference, December 3-5, 1991, Baltimore, MD.
Call (301) 695-3762 for more information.
 - National Roundtable of State PP Programs
Membership Meeting, November 13-15, 1991,
Cleveland, OH. Call Lynn Mackey or Bob Style
at (612) 379-5995 for more information.
-
-

This bulletin was produced by the
NEMPP Program of NEWMOA. State and EPA
staff contributed the articles. The bulletin was
edited and produced by Terri Goldberg, NEMPP
Program Manager. For additional copies of the
Bulletin or to submit an article, contact
NEWMOA, 85 Merrimac Street, Boston, MA
02114, (617) 367-8558.

