

**Profile of the Northeast Waste Management Officials' Association's
(NEWMOA)
Expertise, Capabilities, & Skills
March 2009**

What is NEWMOA?

The Northeast Waste Management Officials' Association (NEWMOA) is a nonprofit, nonpartisan interstate association that has a membership composed of the hazardous waste, solid waste, waste site cleanup, pollution prevention, emergency response, and underground storage tank program directors for the environmental agencies in Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and Vermont. NEWMOA was established by the Governors of the New England states as an official regional organization to coordinate interstate hazardous and solid waste, waste site cleanup, and pollution prevention activities and support state waste programs, and was formally recognized by the U.S. Environmental Protection Agency (EPA) in 1986.

NEWMOA's mission is to develop and sustain an effective partnership of states that helps achieve a clean, healthy, and sustainable environment by exploring, developing, promoting, and implementing environmentally sound solutions for:

- Reducing materials use and preventing pollution and waste,
- Properly reusing and recycling discarded materials that have value,
- Safely managing solid and hazardous wastes, and
- Remediating contaminated sites.

The group fulfills this mission by providing a variety of support services that:

- facilitate communication and cooperation among member states, between the states and the U.S. EPA, and between the states and other stakeholders;
- provide research on and evaluation of emerging issues, best practices, and data to help state programs maximize efficiency and effectiveness; and
- facilitate development and implementation of regional approaches to solving critical environmental problems.

What are NEWMOA's Areas of Expertise & Capability?

Individual NEWMOA staff members have formal training in and backgrounds on environmental science and engineering, environmental policy, public health, and computer science. NEWMOA staff has extensive expertise in hazardous waste, solid waste, waste site cleanup, toxic chemicals, and pollution prevention. NEWMOA staff has particular skills and knowledge in the following areas:

Hazardous Waste

- hazardous waste management policy and regulations
- use of performance-based statistical methods to improve environmental compliance oversight and enforcement

Solid Waste

- zero waste policies and programs and climate change mitigation

- product stewardship policies and programs
- trends in management of solid waste in the Northeast and movement of solid waste for disposal
- construction and demolition waste generation, management, reduction, recycling, and regulations
- proper management of debris from natural disasters and catastrophic events
- recycling of agricultural plastics
- state policies and programs to stop open burning of waste
- beneficial reuse of waste policies, regulatory oversight, and programs
- proper management of waste tires
- regulation and oversight of auto salvage yard operations

Waste Site Cleanup

- improved site investigation techniques for waste site cleanup
- long term stewardship of contaminated sites, including effectiveness of institutional controls
- remediation techniques for contaminated sites
- oil spill prevention, cleanup, and training on timely and proper oil spill response
- Brownfields redevelopment policies and programs
- renewable energy development on landfills and contaminated sites
- green remediation
- vapor intrusion

Toxic Chemicals

- mercury use in products, reduction of mercury use, proper recycling and management of mercury-bearing waste, fluorescent lamp recycling, thermostat recycling, and mercury cleanout of schools
- lead reduction in products, including lead sinkers
- chemical policies and programs
- persistent, bioaccumulative, and toxic pollutants

Pollution Prevention

- pollution prevention technologies, methods, and approaches
- pollution prevention measurement and databases
- materials and environmental management accounting
- waste and pollution prevention for targeted sectors, including hospitality facilities, marinas, wood furniture manufacturing, printing, metal finishing, metal cleaning, metal coating, and others

NEWMOA's Staff Capabilities & Skills

NEWMOA staff has capabilities and skills in the following areas: facilitation and coordination on interstate issues, policy development, program implementation support, online database development and management, web-based information resources development and management, software tools development and implementation, organizing events, developing and conducting training, conducting research and preparing written material, and conducting data analysis and presenting results. These are capabilities described below.

Facilitation & coordination on interstate issues: NEWMOA staff has extensive experience facilitating groups, organizing meetings, and building consensus. NEWMOA's Board of Directors and Workgroups consist of state environmental agency managers and staff. NEWMOA's staff regularly convenes and facilitates meetings and conference calls of these groups to share information, set priorities, decide on policies and approaches, implement programs, and oversee projects. NEWMOA's staff facilitates these meetings and helps guide the Board to reach consensus on policies and resolution of issues. NEWMOA manages 24 Workgroups that meet through conference calls and face-to-face meetings, and NEWMOA's staff facilitates these groups.

Policy Development: NEWMOA staff conducts policy research and analysis for NEWMOA state members and facilitates state consensus on federal waste management and pollution prevention policy. NEWMOA staff has expertise in state and federal waste management, waste site cleanup, and pollution prevention policies.

Implementing programs: NEWMOA has expertise implementing environmental programs, including assisting its members with developing strategies and action plans, conducting outreach and education, managing logistics, conducting research, and solving problems and challenges.

Online database development & management: NEWMOA has designed and managed numerous online databases for its member states. NEWMOA staff has developed databases with online interfaces that enable users to search and find the information they are seeking. NEWMOA's staff has expertise in the following: database design and implementation, data input, and quality control using Microsoft Access, Microsoft Excel, Microsoft SQL, and ColdFusion.

Web-based information resources development & management: NEWMOA develops and manages online information resources. NEWMOA's staff has expertise in researching and compiling information resources for presentation online.

Software tools development & implementation: NEWMOA has developed a number of software tools for member states and others to utilize for program support. NEWMOA staff has expertise designing software tools and applications, procuring contractor support for software development, managing software development contractors, working on documentation and training support for software tools, and disseminating and supporting software tools.

Organizing meetings, web conferences, & conferences: NEWMOA staff organizes numerous meetings, web conferences, and conferences every year. These events have ranged in size from less than 20 people to more than 500. In the past two years, NEWMOA has made a commitment to "greening" its events and has developed various approaches to reducing their environmental impacts. NEWMOA staff has extensive experience in handling all of the logistics associated with planning successful events, including selecting a hotel or other location, planning agendas, recruiting speakers, managing registration, preparing materials and handouts, and addressing issues and challenges as they arise.

Developing, organizing, & conducting training: NEWMOA staff has considerable expertise developing professional training curriculum and training workshops. NEWMOA staff has

expertise in identifying priorities for training topics and skills, compiling training materials and resources, conducting training, identifying and working with outside trainers, and handling workshop registration and logistics.

Conducting research & preparing reports, newsletters, fact sheets, brochures, & guidance materials: NEWMOA staff has written and published a number of reports, fact sheets, brochures, and guidance materials. In recent years, these materials have been published online, and some of them are published in hard copy. NEWMOA's staff has expertise in researching, writing, editing, and publishing a wide variety of documents for technical and non-technical audiences.

Data analysis & presentation: NEWMOA has conducted data analysis and prepared presentations of data regarding waste management topics, pollution prevention, and priority toxics. NEWMOA staff has expertise in researching and gathering data, analyzing data, and summarizing the results.

For more information or copies of the resumes of NEWMOA staff, contact:

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NEWMOA's Staff Capabilities in Facilitation, Coordination, & Policy Development, & Program Implementation on Interstate Issues

NEWMOA's Board of Directors and Workgroups consist of state environmental agency managers and staff. NEWMOA manages 24 Workgroups that meet through conference calls and face-to-face meetings, and NEWMOA's staff facilitates these groups. NEWMOA's staff regularly convenes and facilitates meetings and conference calls of these groups to share information, set priorities, decide on policies and approaches, implement programs, and oversee projects. NEWMOA staff conducts policy research and analysis for NEWMOA state members and facilitates state consensus on federal waste management, waste site cleanup, toxics, and pollution prevention policy. NEWMOA helps coordinate state reviews of the U.S. Environmental Protection Agency's (EPA's) proposals and draft regulations. NEWMOA staff also has expertise implementing environmental programs, including developing strategies and action plans, conducting outreach and education, managing logistics, conducting research, and solving problems and challenges.

Examples of these efforts of the NEWMOA staff include:

- Organizing and facilitating the meetings of the NEWMOA Board of Directors four times per year for two days to establish and supervise the Association's policies and programs
- Facilitating 24 Workgroups that meet through conference calls and face-to-face meetings and communicate through listservs and email - newmoa.org/about/workgroups.cfm
- Facilitating development of NEWMOA consensus comments on EPA's proposed changes to the definition of solid waste
- Facilitating development of the Common Measures Project to support state efforts to develop and use common measures of environmental performance for business sectors/groups - newmoa.org/erp/projects/
- Supporting the member state programs in developing model mercury products legislation that is now being implemented by most of the member states and some non-member states - newmoa.org/prevention/mercury/modelleg.cfm
- Forming and managing the Interstate Mercury Education and Reduction Clearinghouse (IMERC) that now has 14 state members, which supports efforts to implement mercury product reporting, labeling, sales bans, and sales phase-outs - newmoa.org/prevention/mercury/imerc.cfm
- Under a contract with the Massachusetts Department of Environmental Protection (MassDEP), conducted cleanouts of mercury and mercury-added products from high schools and colleges - newmoa.org/prevention/mercury/schools/
- Under a contract with the New York State Department of Environmental Conservation conducted training on cleanout of mercury and mercury-added products from high schools - newmoa.org/prevention/mercury/schools/ReducingMercuryinSchools.pdf
- Under a contact with MassDEP supporting development of plans for implementing the State's Oil Spill Prevention and Response Law and oil spill response training

NEWMOA's Staff Capabilities in Online Database & Other Information Resources Development & Management

NEWMOA's staff has expertise in the following: database design and implementation, data input, and quality control. The staff has developed databases using Microsoft Access, Microsoft Excel, Microsoft SQL, and ColdFusion. NEWMOA staff developed these databases with interfaces that enable users to search and find information. Examples of online NEWMOA databases include:

- Mercury-added Products Database - newmoa.org/prevention/mercury/imerc/notification/
- Pollution Prevention (P2) Projects database - newmoa.org/prevention/activities/
- P2 Programs Directory - newmoa.org/prevention/programs/
- Solid Waste Beneficial Use Determinations (BUDs) database (for members only),
- Mercury Reduction Projects Database - newmoa.org/prevention/mercury/programs/
- P2 Results Database - newmoa.org/prevention/projects/results.cfm

NEWMOA's staff has expertise in researching and compiling other information resources for presentation online, including:

- Topic Hubs (guides to resources on particular subjects) - newmoa.org/prevention/topichub/
- Calendar of events - newmoa.org/calendar/calendar.cfm
- Pollution Prevention News - newmoa.org/prevention/p2news/
- Mercury-added Legacy Products WebPages - newmoa.org/prevention/mercury/projects/legacy/
- Guidance on compliance with state mercury education & reduction laws - newmoa.org/prevention/mercury/imerc/guidance.cfm
- P2 & Waste Site Cleanup Technology profiles - <http://newmoa.org/cleanup/advisory.cfm>; newmoa.org/prevention/p2tech/
- Rapid response service - newmoa.org/about/library.cfm

NEWMOA staff has expertise designing software tools and applications, procuring and managing contractor support for software development, and developing documentation and training support for software tools. The staff has developed software tools for member states and others, including:

- a desk top Microsoft Access database tool for states to use to track and report on their P2 and compliance assistance program activities - newmoa.org/prevention/metrics/
- the Energy and Materials Flow and Cost Tracker (EMFACT) - newmoa.org/prevention/emfact/

NEWMOA's Staff Capabilities in Organizing Meetings, Web Conferences, Conferences, Workshops, & Other Training Events

NEWMOA staff organizes numerous meetings, web conferences, workshops, and conferences every year. These events have ranged in size from less than 20 people to more than 500. In the past few years, NEWMOA has made a commitment to “greening” its face-to-face events and has developed various approaches to reducing their environmental impacts. NEWMOA staff conducts an annual training survey of its member states to identify priorities for training topics and skills, compiles training materials and resources, develops agendas and training curriculum, delivers trainings and presentations, and identifies and works with outside trainers. NEWMOA staff has extensive experience in handling all of the logistics associated with planning successful events, including selecting a hotel or other location, handling registration, preparing materials and handouts, and addressing issues and challenges as they arise. Examples of recent NEWMOA events include:

- Annual conference for hazardous waste inspectors covering federal policy developments and challenges that they encounter with implementing hazardous waste regulations
- Mercury reduction conference - newmoa.org/prevention/mercury/conferences/reductions/
- National Characterizing Chemicals in Commerce Conference & Regional Workshops newmoa.org/prevention/cwm/chemincomm.cfm
- Webinars on “Environmental Health & Safety for Nanotechnology;” “Energy Efficiency Technologies for Technical Assistance Providers;” “Compliance Assistance, Enforcement, & Best Management Practices for Auto Salvage Yards;” “Green Cleaning;” “P2 & Compliance for Garment Cleaning;” “P2 & Compliance Assistance for Auto Body Shops,” “P2 for Hospitality Facilities;” “Computer-to-Plate Printing;” “P2 for Spray Painting” - newmoa.org/prevention/webconferences/; “EPA’s Waste Reduction Model” newmoa.org/solidwaste/cwm/webconf/warm/; and many more
- Workshops on waste site cleanup topics, including “Real-time Data Collection & Interpretation;” “Vapor Intrusion;” “Remediation of Chlorinated Solvent Sites;” “Characterizing Chlorinated Solvent Sites;” “Environmental Insurance & Brownfields;” “In-Situ Chemical Oxidation;” “What Regulators Want: Improved Quality of Site Characterization” - newmoa.org/cleanup/workshops.cfm
- Workshop on developing renewable energy on closed solid waste landfills & contaminated sites - newmoa.org/solidwaste/cwm/renewablesites/
- Workshops on waste recycling and management topics, including disaster debris management - newmoa.org/solidwaste/cwm/disdeb/; and agricultural plastics - newmoa.org/solidwaste/projects/agplastic/
- Workshops on toxics, including proper cleanup of broken compact fluorescent lamps - newmoa.org/prevention/mercury/conferences/lampcleanup/; “Pharmaceuticals & the Environment;” “Brominated Flame Retardants & the Environment;” “Non-Regulated Pollutants” - newmoa.org/prevention/cwm/intchem.cfm

NEWMOA's Staff Capabilities in Gathering & Analyzing Data, Conducting Research, & Preparing Documents

NEWMOA's staff has expertise in researching, writing, editing, and publishing a wide variety of documents for technical and non-technical audiences. NEWMOA staff also has extensive experience researching and gathering data, analyzing data, and summarizing the results as reports and presentations. NEWMOA staff has published the following data analyses, reports, newsletters, fact sheets, brochures, and guidance materials:

- Annual report summarizing NEWMOA's accomplishments - newmoa.org/publications/annual07.pdf
- Summary of available data on the movement and disposal of solid waste in the Northeast (for member state programs) - newmoa.org/solidwaste/NESolidWasteFlow.pdf
- Summary of the available data on construction and demolition waste generated in the Northeast, covering ultimate disposal and recycling - newmoa.org/solidwaste/C&DReport2002.pdf
- Solid waste management reports on "Waste Tires in the NEWMOA States," "Beneficial Use of Non-Hazardous Coal Power Plant Fly Ash as Flowable Fill," "Beneficial Use of Tire Shreds as Lightweight Fill," "Beneficial Use of Wood Ash on Agricultural Land," "Comprehensive Procurement Guideline (CPG) Program" - newmoa.org/solidwaste/pubs.cfm
- Report on mercury-added products - newmoa.org/prevention/mercury/imerc/pubs/reports.cfm
- Report on the success of the Northeast state agencies in reducing mercury use - newmoa.org/prevention/mercury/NEWMOAMercurySuccessStory.pdf
- Fact sheets on mercury use in targeted categories of products - newmoa.org/prevention/mercury/imerc/factsheets/
- Other documents on mercury: "Review and Assessment of Thermostat Recycling Activities in the Northeast," "New Jersey Dental Amalgam Posters," "New York Dental Amalgam Posters," "Instructions for Cleaning Up "Small" Mercury Spills in Households," "Mercury in Schools and Communities," State-specific "Lamp Recycling Awareness Flyers," "How to Recycle Mercury Lamps in 8 Easy Steps," "Mercury Pollution in the Northeast - A Guide for Policymakers," "Summary of Research on Mercury Emissions from Municipal Landfills," "Northeast States & Eastern Canadian Provinces Mercury Study, A Framework for Action" - newmoa.org/prevention/mercury/publications.cfm
- Brochures on waste site cleanup topics, including "Improving Site Investigation" - newmoa.org/cleanup/ImprovingSIFinalBrochure.pdf, and a series of state specific brochures on "Site Investigation Matters" - newmoa.org/cleanup/pubs.cfm
- *Northeast Assistance and Pollution Prevention News* published twice a year - newmoa.org/prevention/newsletter.cfm
- Sector specific reports on P2 opportunities for various industries - newmoa.org/prevention/pubs.cfm