

Water Quality Priorities in the Northeast: *NEIWPCC's Role and Responsibilities*

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*Mass. Water Resources Committee Meeting
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NEIWPCC: Who, What, When, Where, and Why???

- 💧 **Compact Member States: New England States and New York**
- 💧 **Congressionally Authorized Interstate Commission**
- 💧 **Formed in 1947 and still going strong!**
- 💧 **Lowell, MA...the Northeast...the Nation...**
- 💧 **Interstate Coordination is essential to successful implementation of Clean Water Act goals**

NEIWPCC Mission

The New England Interstate Water Pollution Control Commission, a not-for-profit interstate agency established by an act of Congress, serves and assists its member states individually and collectively by providing coordination, public education, research, training, and leadership in water management and protection in the New England region and New York State.

NEIWPCC Core Values

At NEIWPCC, we seek to accomplish our mission by focusing on four functional areas and we base all of our decisions and day-to-day work on the following core values:

- 💧 Regional Coordination
- 💧 Serve and Assist Member States
- 💧 Research
- 💧 Training, Education and Public Information

STATE PRIORITIES

EXECUTIVE COMMITTEE
(Chief Environmental Officers)

NEIWPCC COMMISSION
(Commissioners from each State)

NEIWPCC STAFF

COORDINATE
WATER QUALITY
IMPROVEMENT

RESEARCH

TRAIN
ENVIRONMENTAL
PROFESSIONALS

EDUCATE THE
PUBLIC

Coordinating Water Quality Improvement

- 💧 Water Quality (TMDL, Monitoring, WQS)
- 💧 Nonpoint Source
- 💧 Wetlands
- 💧 Instream Flow
- 💧 NPDES and Stormwater
- 💧 Nutrients
- 💧 Mercury



Coordinating Water Quality Improvement - Workgroups

- 💧 **Coordinated and Facilitated by NEI Staff**
 - 💧 **Agenda Development**
 - 💧 **Prepare Background Materials**
 - 💧 **Meeting Summaries and Follow-up**
 - 💧 **Use Discussions to Drive Technical Tasks and Research Agenda**
- 💧 **NEI, State, EPA, and other university or local participants**
- 💧 **Outside Experts for Guest Presentations**



Coordinating Water Quality Improvement – CWA Policies

- 💧 **Regional and National Presentations**
- 💧 **Participation with Regional and National Water Pollution Control Groups and Associations**
- 💧 **Coordinate State Input on National Guidance and Regulations**
- 💧 **Participation with Congressional Staff on Legislative Initiatives**

Coordinating Water Quality Improvement - Partnerships

 Long Island Sound Study



 Hudson River Estuary Program



 Lake Champlain Basin Program



 Peconic Estuary Program



 NY/NJ Harbor Estuary Program



Water Resource Protection

SDWA Implementation Assistance

-  **Public Drinking Water Regulations**

-  **Source Water Protection**

-  **Drinking Water Program Administrators**




Pharmaceuticals and Personal Care Products

Underground Storage Tanks


-  *Assisting Mass DEP with regional review of pending revisions to their UST regulations*

Water Resource Protection

Climate Change

-  *NEIWPCC Climate Change Workgroup is developing adaptation strategies for water infrastructure (water, wastewater, and stormwater)*
-  *Assisting with development of Adaptation Resources Toolkit (ART) – ICLEI*
-  *Participating on a regional technical committee for the New England/New York Climate Change Monitoring Network*

Sustainability

-  *Developing “Guidelines for Contracting Out Public Water Supply Operations” to assist small water supply systems with implementing contract operations*

Wastewater & Onsite Division

- 💧 **Municipal & Industrial Wastewater**
 - 💧 **Operator Training & Certification**
 - 💧 **Collection Systems, FOG**
 - 💧 **Technical Assistance**
- 💧 **Guidance Documents**
 - 💧 **Treatment Plant Design (TR16)**
 - 💧 **Estimating Staffing**
- 💧 **Onsite/Decentralized Wastewater**
- 💧 **Residuals**

Training Environmental Professionals

Wastewater Training:

- NEIWPCC Environmental Training Center
- Contract Training
- Maine JETCC
- Massachusetts Operator Training
- Mass. Title 5 Training

Other Training:

- Asset Management
- Energy Efficiency
- Northeast Onsite Short Course
- Specialty Seminars
- Collection Systems O&M
- Wastewater Management Forums

Mass. Wastewater Contracts

- 💧 **Mass. Wastewater Operator (w/DEP thru Jan 2014)**
 - 💧 Exam prep training
 - 💧 Certification exams and renewals
 - 💧 Management school training
- 💧 **Title 5 – Onsite Wastewater (w/DEP thru March 2014)**
 - 💧 Certification training for System Inspectors and Soil Evaluators
 - 💧 Certification renewals
- 💧 **Special Contracts**
 - 💧 Upper Blackstone – Shift Study
 - 💧 NEWMOA – Mercury Device Removal Study

Research Priorities

- 💧 **Climate Ready Utilities – Adaptation**
- 💧 **Stormwater BMP Efficiencies**
- 💧 **Nutrient Treatment Technologies**
- 💧 **Atmospheric Deposition of Mercury**



Currently in MA...

- 💧 Long Island Sound TMDL and the CT River Workgroup
- 💧 Turf Fertilizer Guidance Development
- 💧 Numeric Nutrient Criteria Initiative
- 💧 Quality Assurance and TMDL Support at DEP
- 💧 Wastewater Training Assistance
- 💧 Quicksilver Caucus (Chaired by Mark Smith, MA DEP) and Regional Mercury Initiatives

Upcoming Conferences

- 💧 **2012 Annual Nonpoint Source Pollution Conference: May 15 – 18, 2012 in Portsmouth, New Hampshire**
- 💧 **4th Northeast Onsite Wastewater Treatment Short Course - March/April 2012, Location TBD (RI or CT)**
- 💧 **New England Biological Assessment of Wetlands Workshop – Fall 2012, Location TBD.**
- 💧 **23rd National Tanks Conference and Expo – March 2012, St Louis, MO**

(see www.neiwpcc.org for details!)



Contact Information

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