

<b>Wednesday, April 27, 2011</b>	
1:00 PM – 5:00 PM	<p>Pre-conference workshop on Risk Communication given by <b>Lisa Ragain</b>, Aqua Vitae.</p> <p>Workshop participants will:</p> <ul style="list-style-type: none"> <li>• Ascertain risk communication principles</li> <li>• Relate principles to specific drinking water contaminants</li> <li>• Describe risk communication in the context of regulatory framework</li> <li>• Apply risk communication framework to specific scenarios.</li> </ul> <p>The workshop will include tools for developing messages and a risk communication template to utilize in their practice.</p>

<b>Day 1 – Thursday, April 28, 2011</b>	
7:30 AM	Registration & Breakfast
8:30 AM	<p style="text-align: center;"><b><u>Welcoming &amp; Opening Remarks</u></b></p> <p style="text-align: center;"><b>Ronald Poltak</b>, Executive Director, NEIWPCC</p> <p style="text-align: center;"><b>Curt Spalding</b>, Regional Administrator, EPA Region 1</p>
9:00 AM	<p style="text-align: center;"><b>Federal Family of Speakers (USGS, EPA)</b></p> <p style="text-align: center;"><b>Moderator:</b> Susan Sullivan, NEIWPCC</p> <p style="text-align: center;"><i>An Approach to Pharmaceuticals and Personal Care Products in Water;</i> <b>John Wathen</b>, US EPA</p> <p style="text-align: center;"><i>Best Management Practices for Unused Pharmaceuticals;</i> <b>Justin Pimpare</b>, US EPA</p> <p style="text-align: center;"><i>Emerging Contaminants in the Environment: An Overview of Source-to-Receptor Research by the USGS TOXICS Program;</i> <b>Paul Bradley</b>, USGS</p>
10:15AM	Break
10:30 AM	<p style="text-align: center;"><b><u>Session 1</u></b></p> <p style="text-align: center;"><b><u>Occurrence, Fate, and Transport</u></b></p> <p style="text-align: center;"><b>Moderator:</b> Marcel Belaval, US EPA</p> <p style="text-align: center;"><i>Pharmaceutical Manufacturing Facilities as a Source of Pharmaceuticals to Wastewater;</i> <b>Patrick Phillips</b>, USGS</p> <p style="text-align: center;"><i>Preliminary Characterization of the Pharmaceutical Content of Municipal Solid Waste Landfill Leachate;</i> <b>Richard S. Behr</b>, Maine DEP</p> <p style="text-align: center;"><i>Landfill Disposal of Unused Medicines Reduces Surface Water Releases;</i> <b>Douglas S. Finan</b>, GlaxoSmithKline</p>

11:45 AM	<p style="text-align: center;"><b>Luncheon</b></p> <p style="text-align: center;"><b>Keynote Speaker – Dr. Paul Anastas, Assistant Administrator and Science Advisor, EPA Office of Research and Development</b></p>
1:15 PM	<p style="text-align: center;"><b><u>Session 2</u></b> <b><u>Occurrence, Fate and Transport</u></b></p> <p style="text-align: center;"><b>Moderator:</b> Andrews Tolman, Maine CDC Drinking Water Program</p> <p style="text-align: center;"><i>Understanding Septic Systems in Light of Pharmaceutical and Personal Care Products; <b>Andrews Tolman</b>, Maine CDC Drinking Water Program</i></p> <p style="text-align: center;"><i>Combined Sewer Outflows as a Source of Hormones to Surface Water; <b>Patrick Phillips</b>, USGS</i></p> <p style="text-align: center;"><i>Organic Wastewater Compounds in Public and Private Drinking Water Wells Impacted by Septic Systems on Cape Cod, Massachusetts; <b>Laurel Schaider</b>, Silent Spring Institute</i></p>
2:30 PM	Break
2:45 PM	<p style="text-align: center;"><b><u>Session 3</u></b> <b><u>Aquatic &amp; Human Health Effects</u></b></p> <p style="text-align: center;"><b>Moderator:</b> Priscilla Bloomfield, CH2M Hill</p> <p style="text-align: center;"><i>The Effects of a 30-Day In-Situ Exposure of Groundwater Bacterial Communities to Sub-Therapeutic Concentrations of Sulfamethoxazole; <b>Lisa Reynolds Fogarty</b>, USGS</i></p> <p style="text-align: center;"><i>Antibiotic Resistance in Massachusetts Bay; <b>Karen Lachmayr</b>, Harvard University</i></p> <p style="text-align: center;"><i>Novel Fluorescence Spectroscopic Method to Quantify Trace PPCP Mixtures in Water Samples; <b>James Killarney</b>, University of Maine</i></p>
4:00 PM	End of Day
<b>Day 2 – Friday, April 29, 2011</b>	
7:30 AM	Registration & Breakfast
8:00 AM	<p style="text-align: center;"><b><u>Session 4</u></b> <b><u>Aquatic &amp; Human Health Effects</u></b></p> <p style="text-align: center;"><b>Moderator:</b> Priscilla Bloomfield, CH2M Hill</p>

	<p><i>The EPA Pilot Study of Pharmaceuticals and Personal Care Products in Fish Tissue; <b>John B. Wathen</b>, US EPA HQ, Office of Water</i></p> <p><i>Biological Impacts of EDCs in a Highly Effluent-Dominated River in New England; <b>Katrina Kipp</b>, US EPA</i></p> <p><i>Hermaphrodites in Your Backyard: The Landscape Ecology of Amphibian Intersex; <b>David Skelly</b>, Yale University</i></p>
9:15 AM	Break
9:30 AM	<p style="text-align: center;"><b><u>Session 5</u></b> <b><u>Removal &amp; Treatment</u></b></p> <p><b>Moderator:</b> Ned Beecher, North East Biosolids and Residuals Association</p> <p><i>Potential for Biodegradation of PPCP in Streams; <b>Paul Bradley</b>, USGS</i></p> <p><i>The Efficiency of Constructed Wetlands to Remove Antimicrobial Agent Triclosan; <b>Elizabeth Zinn</b>, Ball State University</i></p> <p><i>Assessing Selected PPCP Removals from Various Enhanced Biofiltration Schemes; <b>Adria Fichter</b>, University of New Hampshire</i></p>
10:45 AM	Break
11:00 AM	<p style="text-align: center;"><b><u>Session 6</u></b> <b><u>Removal &amp; Treatment</u></b></p> <p><b>Moderator:</b> Patrick Phillips, USGS</p> <p><i>Trends in Organic Wastewater Compound Concentrations at Four New York Wastewater Treatment Plant Effluents, 2003 – 2010; <b>Tia-Marie Stevens</b>, USGS</i></p> <p><i>Hormones, Pharmaceutical Compounds, and Estrogenicity in New York Wastewater Effluents; <b>Anne Ernst</b>, USGS</i></p> <p><i>Advanced Oxidation Processes and Reverse Osmosis Treatment of Pharmaceutical in a Municipal Wastewater Treatment Plant; <b>Darcy Sachs</b>, O'Brien &amp; Gere</i></p>
12:15 PM	Lunch, provided
1:00 PM	<p style="text-align: center;"><b><u>Session 7</u></b> <b><u>Waste Management &amp; Product Stewardship</u></b></p> <p><b>Moderator:</b> Paul Bradley, USGS</p> <p><i>Green Chemistry, Drug Therapy, and Design for Degradation Innovations to Reduce the Quantity of Drugs Entering the Environment; <b>Richard Williams</b>, Environmental Science &amp; Green Chemistry Consulting, LLC</i></p>

	<p><i>Product Stewardship and Pharmaceuticals</i>; <b>Sierra Fletcher</b>, Product Stewardship Institute</p> <p><i>Unwanted Medicines and Educating our Communities: Experiences from the Great Lake States</i>; <b>Shelley Cabrera</b> and <b>Laura Kammin</b>, Illinois – Indiana Sea Grant</p> <p><i>Pharmaceutical Stewardship: Prudent Disposal of Unused Medications with a Focus on the Aging Population</i>; <b>Marjorie W. Copeland</b>, US EPA</p>
3:00 PM	End of Conference

## Poster Presentations:

*Advancing Endocrine Disrupting Compound Analysis Through Integrated Technology and Workflow Solutions*; **Paul Silcock**, **Peter Hancock**, and **Brad Barrett**, Waters Corporation; **Alan Wainwright** and **Chris Hunter**, Environment Agency.

*Contaminants Identified in Environmental Waters Using a ToF Screening Approach*; **Brad Barrett**, **E. Riches**, **J. Morphet**, **Paul Silcock**, and **Peter Hancock**, Waters Corporation.

*Pharmaceuticals and Personal Care Products in New Hampshire Water Resources*; **Rebecca Harvey**, Squam Lakes Association.

*Preliminary Design of a Wastewater Treatment Plant Capable of Removal of >90% of PPCPs and EDCs*; **Kirill Cheiko**, Stantec Consulting and Ryerson University, **Reuben Fernandes**, Institution of Engineering and Technology (IET, Americas Region) and Ryerson University **Charles Gilmour**, University of Western Ontario, and **Paul Kita**, Ryerson University.

*Synchronous Scan Fluorescence as a Method to Detect PPCP Mixtures in Water*; **Addison Brewer**, Bangor High School.