

NACWA
2010 National Pretreatment and
Pollution Prevention Workshop

US EPA Update

Focus on Pretreatment

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Topical Outline

- ◆ Clean Water Act [Enforcement] Action Plan
- ◆ Performance Measures
- ◆ Contaminants of Emerging Concern
- ◆ Training

Clean Water Act [Enforcement] Action Plan

October 15, 2009

Focus:

- Target enforcement to the most important water pollution problems
- Strengthen oversight of the states
- Improve transparency and accountability

<http://www.epa.gov/compliance/civil/cwa/cwaenfplan.html>

Clean Water Act [Enforcement] Action Plan (continued)

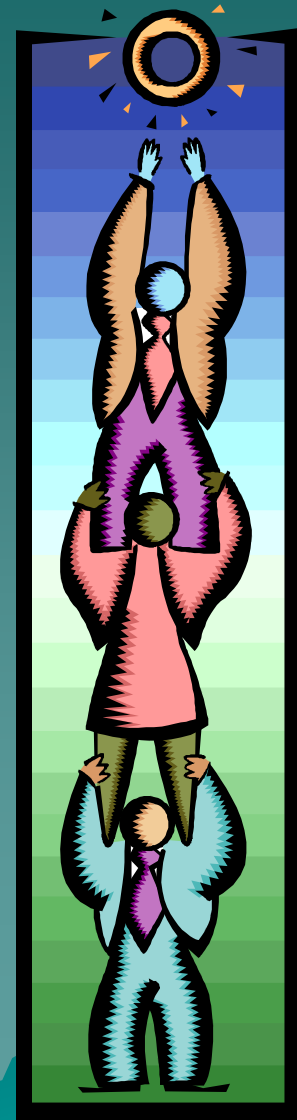
- ◆ How does CROMERR fit into this picture?
- ◆ Net-DMR
- ◆ Other E-formats?
- ◆ E-Reporting?

<http://www.epa.gov/compliance/civil/cwa/actionplan/actionplan101409.pdf>

Pretreatment Program Specific Activities

Pretreatment Performance Measures

- ◆ Handbook: Measuring Success in Your Pretreatment Program
- ◆ National Performance Measure Process



Contaminants of Emerging Concern

POTW Studies

- ◆ **Minnesota** Wastewater Treatment Plant Endocrine Disrupting Compound Monitoring Study: Preliminary progress report to the Legislature – full data June 2010
 - 25 POTWs
 - <http://www.pca.state.mn.us/oea/hhw/pharmaceuticals.cfm>
- ◆ **Washington State** POTW Study – Jan. 2010
 - “Pharmaceuticals and Personal Care Products in Municipal Wastewater and their Removal by Nutrient Treatment Technologies”
 - Puget Sound POTWs
 - <http://www.ecy.wa.gov/pubs/1003004.pdf>
- ◆ **EPA** Publicly Owned Treatment Works (POTW) Wastewater Sampling Study – Aug. 2009
 - 9 POTWs, 6 classes of contaminants sampled
 - Developed new analytical methods: 1614, 1694, 1698, 1699
 - <http://www.epa.gov/waterscience/ppcp/studies/potw.html>
- ◆ **EPA** Targeted National Sewage Sludge Study – January 2009
 - <http://www.epa.gov/waterscience/biosolids/tnsss-fs.html>

Contaminants of Emerging Concern (continued)

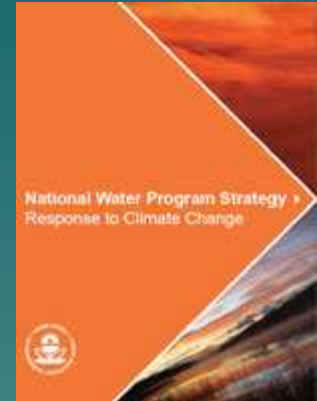
- ◆ **Perfluorinated Compounds**
- ◆ **PRIONS** as Pest
 - *Projected* notice of potential rulemaking:
10/2010
- ◆ **Data Requirements for Antimicrobials**
 - Final Action: 04/2011
- ◆ **ToxRefDB** – Toxicity Reference Database
 - <http://actor.epa.gov/toxrefdb/faces/Home.jsp>

Climate Change and Water Programs

National Water Program Strategy:

Response to Climate Change, Sept. 2008

- ◆ Use of SRF for Climate Change Projects
- ◆ Sustainable Infrastructure
- ◆ Climate Impacts on Wet Weather Program
 - Green Infrastructure
- ◆ Water Sense
- ◆ Energy Efficiency at Water and Wastewater Utilities (and training)
- ◆ Climate Change Vulnerability Self-Assessment Tool
- ◆ Climate Ready Estuaries / Climate Ready Utilities
- ◆ Fundamentals of Asset Management Training



Guidance Update & Training

Posted:

- Updated “Control Authority Pretreatment Audit Checklist and Instructions”
- Fact Sheet #9: Significant NonCompliance

Draft in Review:

- Updated “Industrial User Permitting Guidance Manual” (to be launched with webcast!)
- Updated “Introduction to the National Pretreatment Program”

In Development:

- Guidance Manual for POTW Pretreatment Program Development (updating of 1983 manual)
- Procedures Manual for Reviewing a POTW Pretreatment Program Submission (updating of 1983 manual)

Pretreatment Webinars & Training

Archived Webcasts for Viewing

- POTWs and the Dental Mercury Discharges
- Pharmaceutical Waste Minimization - Proposed Universal Waste Rule Revisions, Health-Care Sector Study, and Take-Back Programs
- 2010 Effluent Guidelines Program Plan: Update for Pretreatment Coordinators

Webcast Series Coming Soon: Pretreatment 101 Series

- Conducting Industrial User Surveys / Identifying SIUs
- Issuing Industrial User Permits

http://cfpub.epa.gov/npdes/outreach.cfm?program_id=0&otype=1

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Any Questions?

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