U.S. EPA Update - Pretreatment Program

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US EPA, Office of Wastewater Management

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National Association of Clean Water Agencies
Pensacola Beach, FL
EPA Headquarters Activities Update

Office of Wastewater Management - Water Permits Division

- Pretreatment Program Trainings and Guidance
- Pesticide General Permit
- Vessels General Permit
- Sufficiently Sensitive Methods Rule
- SSO Rulemaking and Peak Flows Rulemakings
- Stormwater Rulemakings
  - Municipal Separate Storm Sewer System (MS4)
  - Construction & Development

Office of Enforcement and Compliance Assurance

- CROMERR
- NPDES Electronic Reporting Rule
- DMR Pollutant Loading Tool
- State Dashboards
Pretreatment Training Opportunities

“Pretreatment 101” Webinar Series:
http://www.epa.gov/npdes/training

- Introduction to the National Pretreatment Program
- Industrial User Waste Survey Procedures
- POTW’s Procedures for Conducting Compliance Monitoring
- POTW’s Procedures for Conducting Compliance Inspections
- Overview of Pretreatment Standards
- Pretreatment Standards: Developing Local Limits

• FAQs for the above documents coming soon
“Pretreatment 101” Webinars coming soon:

- Industrial User Permitting – Basics
- Industrial User Permitting – Calculating Permit Limits
- Industrial User Permitting – Hauled and Trucked Waste
Pretreatment Guidance Manuals

- Introduction to the National Pretreatment Program – June 2011
- Industrial User Permitting Guidance Manual – coming soon

Updating 1983 manuals:
- Procedures Manual for Reviewing a POTW Pretreatment Program Submission
- Guidance Manual for POTW Pretreatment Program Development
More Guidance, Training & Webinars

- NPDES Permit Writers ‘Training Course
  - July 09, 2012 - July 13, 2012 - Austin, Texas
  - Online course: [http://www.epa.gov/npdes/training](http://www.epa.gov/npdes/training)

- Water Quality Standards Academy
  - Online course: [http://water.epa.gov/learn/training/standardsacademy/index.cfm#online](http://water.epa.gov/learn/training/standardsacademy/index.cfm#online)
Pesticide General Permit

Final General Permit Issued 10/3/2011 (FR on 11/7/11)

- Applicable to:
  - 6 States – MA, NH, NM, ID, OK, AK
  - DC, U.S. Territories (except VI), many Indian lands,
  - Federal facilities in: CO, DE, VT, WA

- 3 webcasts on permit and NOI requirements

Permit Scope:

- Mosquitoes and other Flying Insect Pest Control
- Weed and Algae Control
- Animal Pest Control
- Forest Canopy Pest Control

[www.epa.gov/npdes/pesticides](http://www.epa.gov/npdes/pesticides)
Vessels General Permit

Incidental discharges from the normal operation of vessels (ballast water, bilgewater, graywater)

- Not military, commercial fishing or recreational vessels
- Electronic Notification of Intent (NOI) to register
- Current VGP expires 12/19/2013
  - Draft VGP proposed 12/8/2011
  - Comment period closed 3/5/2012
    - Over 5400 comments received
    - 68 comments received on small vessels

www.epa.gov/npdes/vessels
Sufficiently Sensitive Methods Rule

- Draft Rulemaking Proposed June 23, 2010
- Comments collected until 08/9/2010
- Final Expected 2012

Revisions to NPDES Regulations:

- Application Requirements: 40 CFR 122.41(e)
- Monitoring Requirements for establishing limit standard: 40 CFR 122.44(i)
- Associated Clause in Part 136

SSO Rulemaking & Peak Flows

Federal Register Notice- June 1, 2010

- [www.epa.gov/npdes/regulations/frn_sso.pdf](http://www.epa.gov/npdes/regulations/frn_sso.pdf)
  5 Listening Sessions- Summer 2010
  SSO Workshop: July 14-15, 2011


- Focus: How should a rulemaking address SSO control in the sanitary collection system and peak flow management at the POTW treatment plant?
CSO Post Construction Compliance Monitoring Guidance

- EPA- 833-K-11-001
- Draft: April 2011
- Comments by Sept 2011
Stormwater Rulemaking

Rulemaking considerations:

- Establish performance standard for discharges from newly developed and redeveloped sites of a specific size
- Extend the protection of the MS4 program
- Require larger regulated MS4s to reduce stormwater discharges in areas of existing development through retrofits
- Consider specific requirements for the Chesapeake Bay watershed

Date for Proposed & Final Rule – to be determined soon

www.epa.gov/npdes/stormwater/rulemaking.cfm
Regulation of Stormwater from Construction & Development Sites

C&D Rule provisions must be incorporated into any new or reissued State or EPA Construction General Permit (CGP)

http://www.epa.gov/npdes/cgp

- EPA issued Final CGP on 2/16/2012
- Webinars on 3/15 and 3/21/2012

Contacts: Greg Schaner, Erika Farris
CROMERR? ... or...

NPDES Electronic Reporting Rule?

CROSS-Media Electronic Reporting Regulations

- 40 CFR Part 3
- Performance-based, technology-neutral standards for systems to receive electronic reports from facilities they regulate under EPA Programs

- [http://www.epa.gov/cromerr/index.html](http://www.epa.gov/cromerr/index.html)
  - Includes:
    - CROMERR 101 on-line course
    - Net-DMR
Key Goals of the To-Be-Proposed NPDES Electronic Reporting Rule


- Reduce duplicative data management by regulated facilities and states
- Transparency to the public
- Improve access to timely, accurate, complete, and nationally consistent data
- Require certain reports to be submitted electronically, but no new reporting requirements

See also:
Potential POTW Electronic Reports

- Discharge Monitoring Reports (DMRs)
- Biosolids Annual Program Reports
- Pretreatment Program Annual Reports
- Sewer Overflow and Bypass Event Reports (CSOs, SSOs, Bypass Events)

- When EPA or State is Control Authority –
  Industrial User Compliance Reports in Municipalities Without Approved Pretreatment Programs
Next Steps – Rule Schedule

- The proposed rule is currently under review at the White House’s Office of Management and Budget (OMB)
- Propose rule in the Federal Register
- Public Comment period
- Promulgate Final rule -- projected date late 2012 /early 2013 (includes modernization of EPA’s national NPDES data system by the end of CY2012)
Next Steps – Implementation Phases

- **Phase 1 Data (January 2014?)**
  - Basic facility and permit information, inspections, violation determinations, and enforcement actions data from states;
  - DMR information from facilities;
  - Notices of intent to discharge (NOIs), notices of termination (NOT), no exposure certification (NEC), and low erosivity waiver (LEW)] for Federally-issued general permits; and
  - NOIs from facilities covered under CAFO general permits.

- **Phase 2 Data (January 2015?)**
  - Program reports from all facilities
  - General permit covered facilities
DMR Pollutant Loading Tool

- Similar to Toxics Release Inventory (TRI) – this new web tool is for CWA point source discharge monitoring data.
  - **Who** is discharging **What** and **Where**

- Calculates pollutant loads (pounds) from discharge monitoring data:
  
  \[
  \text{Pollutant Discharge Concentration (mg/l)} \times \text{Flow (MGD)} \times 8.34 \text{ (Conversion Factor)}
  \]

- Significant implications for:
  - Enforcement targeting and compliance assistance (providing better sense of the importance of effluent discharges and permit limit violations)
  - Public access
  - Effective and timely communication on characterizing point source dischargers
  - Better data for watershed modeling and pollution budgets (TMDLs), developing effluent limits, enhancing EPA Regional and State NPDES program quality, and EPA rulemakings (effluent guidelines)

  [http://cfpub.epa.gov/dmr/](http://cfpub.epa.gov/dmr/)
Goal: To provide greater transparency and utility of DMR data in PCS and ICIS-NPDES.

Data available for 23,720 facilities with discharge monitoring data.

2 main audiences for this on-line version of the tool:
- General Public (Concerned Citizens, Researchers)
- Technical Users (NPDES Permit Writers, Watershed Modelers, Regulatory Agencies, Researchers, Enforcement Targeting)

EPA solicited public comments on the new web tool and received over thirty comments from a range of stakeholders
- Most comments were positive with many providing input on potential improvements.
- Publicly released on December 2, 2010 (EPA’s 40th Anniversary)

Current schedule is to incorporate as many of these comments into the tool as budget and schedule permits this FY.
DMR Pollutant Loading Tool (continued)

http://cfpub.epa.gov/dmr/ez_search.cfm

EZ Search

Instructions: Change the criteria in any of the boxes below and click the Search button to retrieve DMR pollutant loadings information.

Select Reporting Year: 2002

1. Location or Watershed
   - Nationwide
   - Search by Location
     - Zip Code
     - EPA Region: Select an EPA Region
   - Search by Watershed
     - Zip Code
     - 12-Digit HUC
     - Find 12-digit HUC on a map
     - Major U.S. Watersheds: Please Select a Watershed

2. Pollutant
   - All Pollutants
     - Specify Pollutant
       - Pollutant Name (or partial name)
       - Chemical Abstract Service Number (CAS) (without dashes)
   - Pollutant Categories
     - Nitrates
     - Nitrogen
     - Organic Enrichment
     - Pathogens Indicators
     - Phosphorus
     - Priority Pollutants
     - Solids
     - Temperature

3. Industry
   - All Point Sources
   - Publicly Owned Treatment Works (POTWs) Only
   - Industrial Point Sources
     - Point Source Category: All Point Source Categories
     - 2-Digit SIC Code: All SIC Codes
     - OR
       - Enter a 4-digit SIC Code:
       - SIC Code lookup

View EPA's current industrial category rankings

If you would like more detailed information, try the Advanced Search >
ECHO State Dashboard

Enforcement & Compliance History Online Dashboard:
Interactive mapping tool that presents information about:

- CWA Permit
- Compliance Monitoring
- Violations
- Enforcement Actions
- Penalty information
ECHO State Dashboard

http://www.epa-echo.gov/echo/dashboard/state_dashboards.html
# Program or Project Contacts

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Poison Ivy

Blackberry