

P2 Options for Facilities Facing New Rules

The U.S. EPA develops regulations that set maximum pollutant levels for industries that discharge wastewater. The newest regulation may establish pollutant limits in wastewater from facilities that manufacture metal products, parts and machinery. The EPA will finalize the Metal Products and Machinery (MP&M) Rule in December 2002.

Why Should You Attend?

The EPA has identified pollution prevention (P2) techniques that will help facilities comply with federal pollutant limits. The Arkansas Department of Environmental Quality and the EPA are sponsoring a free workshop to help facilities understand and comply with the new rules.

Reducing Hazardous Waste

Hazardous waste regulations have increased disposal costs. This workshop will present proven, low-cost, common-sense methods for reducing generation – and thus disposal costs. Speakers will discuss methods of recycling hazardous wastes and present P2 case histories.

Resource Recovery

Many pollutants are actually resources – and are out of place in a facility's waste stream. The workshop will address the economics and feasibility of resource and product recovery. It will provide practical information on systems/equipment and technologies to recover, treat and/or remove these pollutants.

Processes to Meet New Limits

The list of federally regulated pollutants continues to grow, and discharge limits are becoming increasingly more stringent. The MP&M rule may further restrict oil and grease, copper, zinc, chrome, nickel, lead, cyanide and organic compounds. The workshop will address processes for removing such pollutants from wastewater discharges.

Who Should Attend?

Facility Owners, Managers and Operators

Municipal Wastewater Utility Managers/Pretreatment Coordinators

Consulting Engineers

Industrial Wastewater Treatment Operators

Hazardous Waste Generators

You Will Learn:

- Whether your facility might be covered under the new MP&M rule
- How to identify P2 alternatives applicable to your facility's processes and procedures
- The advantages of water conservation in your plant...practices to save water, reduce capital and operating costs for waste treatment and ultimate disposal
- Recovery and Pollution Prevention methods for metals, solutions, and oil
- Practical treatment methods for various pollutants
- Ways to reduce hazardous waste volumes, toxicity and disposal/recycle costs

The workshop will provide you with **practical information**. It is taught by engineers with extensive experience in industrial wastewater treatment and pollution prevention. The meeting workbook will be an excellent reference for you in the future.

Agenda

Morning Registration - 8:00 to 8:30 A.M.	Afternoon Session - 1:00 to 4:00 P.M.
Air Pollution Control	MP&M Regulations
P2 Recovery Technologies	Conventional Chemical Treatment
Advanced Physical Chemical Treatment	Practical P2 Options
Waste Minimization and Recycling Techniques	Resource Recovery Options
Panel Q&A or Case Study	Panel Q&A or Case Study
Lunch on Your Own	

Registration: FREE*

There is no fee for the workshop, but pre-registration is essential to guarantee seating and adequate handout material. Please fax to (501) 682-0910, call 682-0623, e-mail (hopkins@adeq.state.ar.us) or send a copy of this form **by September 13** to Sherry Hopkins, ADEQ, P.O. Box 8913, Little Rock, AR 72219-8913. Ms. Hopkins can provide directions to the workshop location.

Name: _____

Affiliation: _____

Address: _____

City & Zip: _____

Telephone: _____

* This program qualifies for .7 CEUs, which can be converted to professional development hours (ICEU = 10PDH). Bring your check to the workshop, payable to the University of Toledo in the amount of \$35.00.

Circle the workshop you plan to attend:

Sept. 18 Springdale – Jones Center

Sept. 19 Little Rock – One Capitol Mall

Sept. 20 Jonesboro – ASU Convocation Center

Co-sponsors:

Arkansas Department of
Environmental Quality

Arkansas State University
Environmental Sciences Program

City of Fayetteville

Environmental Protection Agency

Enviroscience, Inc.

Harvey and Bernice Jones Center

Jonesboro City Water & Light

KCH Services, Inc.

Kaselco, Inc.

Little Rock Wastewater Utility

OMI

Paragould City Water & Light

U. S. Filter Corporation

University of Toledo

Wastewater Management, Inc.

Pollution Prevention and Wastewater Treatment Options



Informative Workshops for Metal Products and Machinery Facilities

Sept. 18 Springdale

Sept. 19 Little Rock

Sept. 20 Jonesboro

ADEQ

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Department of Environmental Quality

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