

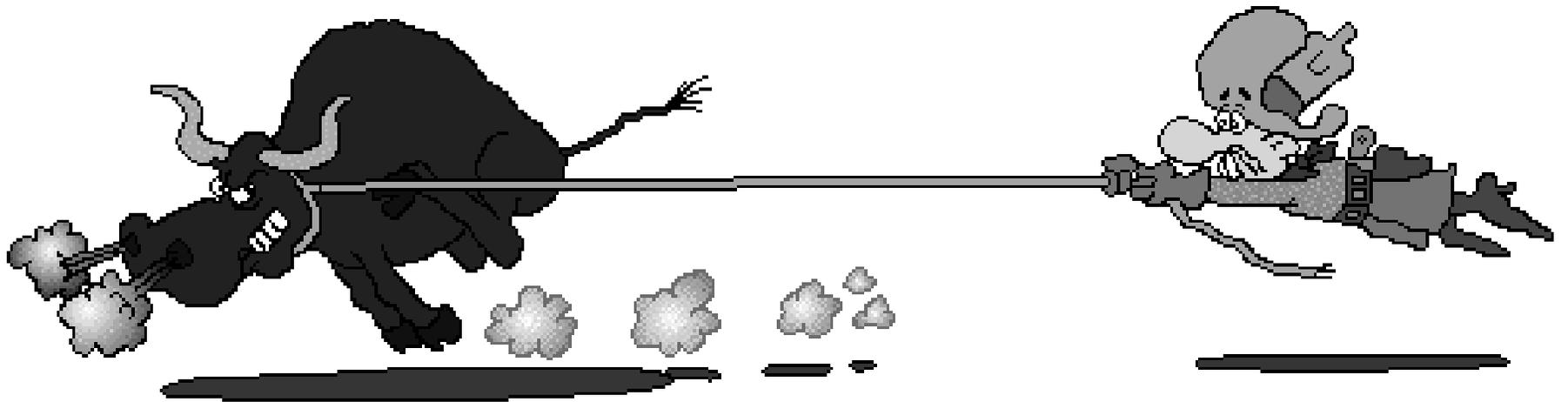
Michigan Department of Environmental Quality

Environmental Science and
Services Division

1-800-622-9278

<http://www.michigan.gov/deq>

Helping you tame the environmental beast



ESSD Pollution Prevention Programs

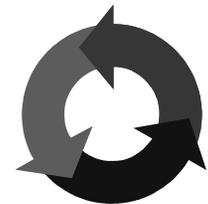
Technical Assistance :

⌘ Retired Engineer Technical Assistance Provider (RETAP)

☒ David Herb 517-241-8176

⌘ Mercury Reduction

☒ Steven Kratzer 517-373-0939



RETAP

Retired Engineer Technical Assistance
Program

- ⌘ Confidential
- ⌘ Free
- ⌘ Qualified team assessments
- ⌘ No obligation to implement recommendations
- ⌘ Available to all types of businesses with less than 500 employees
- ⌘ Contact WRATT Foundation 1-800-766-4701 or ESSD at 1-800-662-9278



ESSD Pollution Prevention Programs

Recycling Assistance:

Lucy Doroshko 517-373-1322

⌘ Recycled Materials Market Directory

http://www.michigan.gov/deq/0,1607,7-135-3585_4130-12387--,00.html

⌘ Materials Exchange

http://www.michigan.gov/deq/0,1607,7-135-3585_4848-12382--,00.html

Compliance Assistance



⌘ Environmental
Assistance Center

⌘ Workshops

⌘ Clean Air Assistance

⌘ Environmental Audit
Privilege

⌘ Training/Guidebooks

⌘ SARA Title III

Recognition/Benefits

⌘ Clean Corporate Citizen (C3)

⌘ Michigan Business Pollution
Prevention Partnership (MBP3)

ENVIRONMENTAL ASSISTANCE CENTER



1-800-662-9278

deq-ead-env-assist@michigan.gov

- Single point of contact for all environmental questions
- Direct assistance or referrals from division assigned “Rotators”
- Workshop and conference Info
- Order Publications and Guidebooks

PERMIT COORDINATION



◆ Air

◆ Water

◆ Wetlands

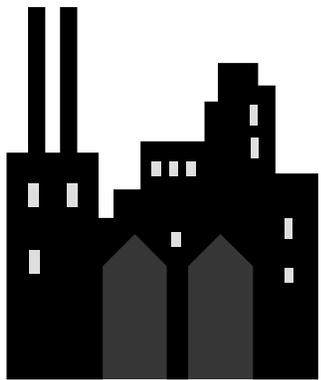
◆ Multiple Permits

⌘ Soil Erosion &
Sedimentation
Control

ENVIRONMENTAL AUDIT PRIVILEGE & IMMUNITY

- ⌘ Incentive for environmental audits
- ⌘ Establishes limited privilege
- ⌘ Provides immunity from most state penalties for violations discovered **and** promptly reported and corrected.

CLEAN AIR ASSISTANCE PROGRAM



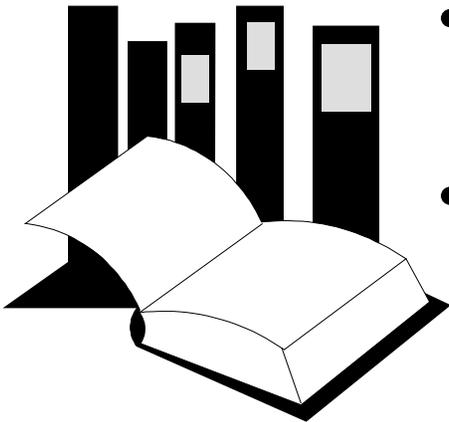
- ⌘ Compliance Assistance
 - ☑ State, Federal & Local air laws
- ⌘ Small and medium-sized businesses
- ⌘ Publications
- ⌘ Workshops and updates
 - ☑ On going

WASTEWATER and DRINKING WATER TREATMENT OPERATOR TRAINING



Training &
Certification

GUIDEBOOKS



- **Plain English**
- **Michigan Manufacturers' Guide to Environmental and Safety and Health Regulations**
- **Environmental Management Systems**
- **Written by the "experts"**

SARA Title III

- ◆ Community Right-to-Know and Federal Emergency Planning Assistance
- ◆ Spill Reporting
- ◆ TIER I/II forms and Toxic Chemical Release Inventory Form R.
- ◆ Workshops

Grant & Loan Programs

- ⌘ P2 Loan Program funded through the Clean Michigan Initiative (CMI) for Pollution Prevention projects
- ⌘ Drinking Water Revolving Fund and the State Revolving Fund loans for qualifying infrastructure improvements
- ⌘ Brownfield Redelopment Grants
- ⌘ Wellhead Protection Grants
- ⌘ Community and Regional Pollution Prevention Grants
- ⌘ Scrap Tire Grants
- ⌘ Waterfront Improvement Grants

Pollution Prevention Loan Program

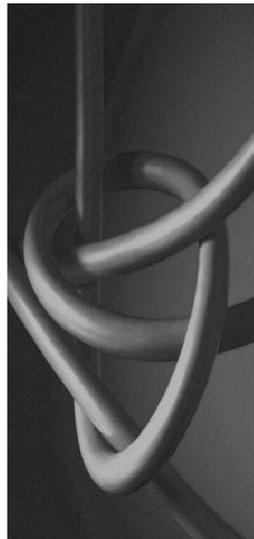
Examples of eligible projects:

- ⌘ water conservation
- ⌘ metal recovery/reuse (source reduction)
- ⌘ solvent substitution
- ⌘ plating baths

For Outstanding Environmental Performance



**CLEAN CORPORATE CITIZEN
PROGRAM**



Environmental
Management
Systems

MICHIGAN BUSINESS POLLUTION PREVENTION PARTNERSHIP



- **Voluntary**
- **Business-focused**
- **Encourages businesses to initiate or expand existing P2 practices**
- **Recognizes P2 and reduction efforts**
- **Shares P2 and reduction efforts through progress reporting and technology transfer among participants.**

CLEAN CORPORATE CITIZEN PROGRAM

⌘ Positive Recognition

⌘ Environmental Benefits

Expedited Permits

Reduced Monitoring

Fewer Inspections

Reduced Paperwork

⌘ C3 Criteria

Environmental Management System (EMS)

Pollution Prevention (P2)

Environmental Compliance

⌘ C3 Designation & Annual Renewal



**CLEAN CORPORATE CITIZEN
PROGRAM**

Environmental Management System

A tool designed by your facility for your facility

An EMS is a voluntary world-wide management system based on ISO 14001 for identifying, controlling and monitoring a facility's activities, which have the potential to cause environmental impacts. It provides structure and consistency for overseeing daily activities that shifts the environmental focus from reactive to proactive.

EMS benefits –

Reduced costs – Improved operating efficiency; reduced monitoring, energy and waste treatment and disposal costs; increased employee productivity

Market advantages – The “Green” image; EMSs are being required in some markets

Improved credibility – Recognition by local communities, regulators, employees, and environmental groups

Enhanced regulatory compliance Adds consistency to improve control over environmental issues; helps anticipate and control upsets; can reduce liability

Improved environmental performance
Systematic identification and on-going corrections through self and/or 3rd party audits keep the EMS current; helps measure social, economic and environmental benefits of operations and controls

Proactive environmental programs that work!

