The Environmental Results Program (ERP)

Helping Regulators and Small Businesses More Effectively Protect the Environment

2005 Air Innovations Conference

U.S. EPA National Center for Environmental Innovations

Today's Presentation Will:

- Outline the ERP approach and "how it works"
- Describe ERP relevance to air pollution control
- Highlight States' ERP projects/small business sectors
- Provide an overview of ERP implementation tools and other resources for assistance

What Is ERP?

- A systematic, information-driven approach to regulatory oversight that includes:
  - Multi-media compliance assistance
    - Clear standards, workbooks, workshops – addressing regulations for all media as well as pollution prevention and best management practices
  - Self-certification (corporate accountability)
    - Self-audit questions for owners/operators to evaluate and certify facility compliance
  - Performance measurement and evaluation
    - Statistically valid (random) pre- and post-certification inspections, plus targeted inspections
    - Sector-specific Environmental Business Practice Indicators (EBPIs)
    - Score (e.g., industry sector, facility, or indicator)
- A program to reinforce existing regulations, inspections, and enforcement
- A program that can address whole business sectors as well as facilities - numerous small pollution sources with potentially large cumulative impacts

ERP Approach

Traditional Tools
- Regulations
- Inspections

2. Self-certification

2a. Sector standards

2b. Applicability statements

2c. Self-certification forms

2d. Return to compliance plans

Environmental Results Program

1. Compliance Assistance

1a. Compliance assistance workbooks

1b. Compliance assistance workshops

3. Performance Measurement

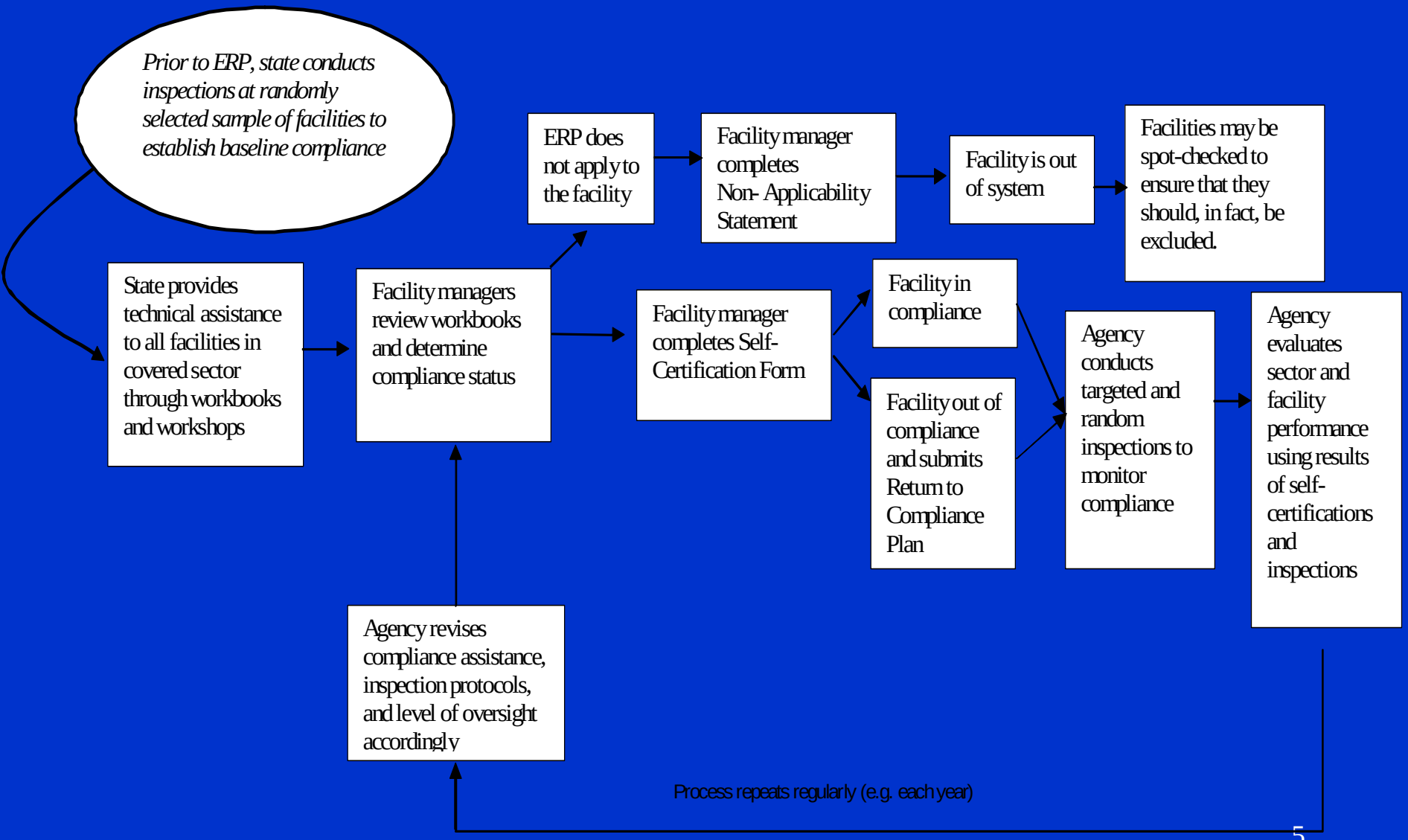
3a. Environmental Business Practice Indicators

3b. Statistical analysis

3c. Use of outcomes to target actions

3d. Reporting Results

How ERP Works



Why ERP?

- Benefits for Regulators
  - Increase effectiveness of compliance assistance and enforcement
  - Enhance and measure environmental performance of facilities/whole sectors
  - Focus limited resources (more efficient use)
  - Address cumulative impact of a large number of small sources
  - Foster partnership among co-regulators and businesses
  - Build and support a sustainable system of regulatory oversight

Why ERP? (cont'd)

- Benefits for Small Business
  - Better owner/operator understanding of environmental regulations and requirements
  - Improved compliance with regulations (and knowledge/confidence thereof)
  - Enhanced knowledge of pollution prevention and best management practices (envt'l awareness)
  - One-stop reporting and leveling of playing field among facilities

ERP Relevance to Air Pollution Control

- Small/area sources of air toxics (hazardous air pollutants/HAPs)
  - Maximum Achievable Control Technology (MACT) requirements
    - E.g., Dry cleaners, Printers
- Fugitive emissions of ozone precursors (volatile organic compounds or VOCs) - non-attainment areas
  - Retail gas station Stage II vapor recovery requirements at the pump (use of VOC capture devices)
- State air pollution control requirements corresponding with (or in addition to) federal requirements

ERP Relevance to Air Pollution Control (cont'd)

- Recent Rule Activity
  - Proposal to exempt certain small sources from operating permit (Title V) programs
    - Dry cleaners, halogenated solvent degreasers, chrome electroplaters, ethylene oxide sterilizers, secondary aluminum smelters
  - Revised and potential new MACT standards (or other rules) for area sources
    - Example revised rule – PCE Dry Cleaning Residual Risk and MACT review
    - New area source standards - potential state delegation for implementation
  - ERP to be considered as a potential means to systematically address area source air toxics and implement relevant rules

State ERP Projects – Sectors

- Massachusetts: Dry cleaners, Printers, Photo processors
- Rhode Island: Auto body/refinishing, Gasoline stations - Stage II Vapor Recovery, Auto salvage
- Delaware and Maine: Auto body/repair shops
- Florida: Auto repair shops

State ERP Projects - Sectors (cont'd)

- Michigan: Dry cleaners
- Vermont: UST – Retail Gasoline Sales
- New Hampshire: Dry cleaners
- Wisconsin: Printers
- Minnesota: Small agricultural operations

EPA Assistance

- State Innovation Grant Program
  www.epa.gov/innovations/stategrants
- OSWER Innovation Pilots Program
  www.epa.gov/oswer/iwg
- Project planning through contractor assistance
- Invitational travel support - state-to-state exchange
- Technical document preparation
  Guidance/workbooks, fact sheets, contractor support
- Coordination among EPA Headquarters and Regional Offices
- ERP Website
  www.epa.gov/permits/erp
- Contact Hyatt Nolan or any ERP Team members listed in ERP fact sheets - *nolan.hyatt@epa.gov*

ERP Implementation Tools

Available at www.epa.gov/permits/erp

- ERP Users Guide for Government Agencies
- ERP Roadmap – interactive, “how to” develop an ERP
- A Generic Guide to Statistical Aspects of Developing an ERP
- Guide to Data Management for ERP
- EPA National Model UST ERP Workbook (in paper and electronic versions)

Next Steps to Explore ERP for Your State or Local Area

- Talk to other states doing ERP
  - see state contacts in ERP Overview fact sheet
- Use the ERP Roadmap and the Users Guide
- Check out state ERP websites
  - MA DEP: www.mass.gov/dep/erp
  - FL DEP: www.dep.state.fl.us/waste/categories/hazardous/pages/autocert.htm
  - RI DEM: *www.state.ri.us/dem/programs/benviron/assist/index.htm* (UST and auto body certification)
  - DE DNREC: *www.ccar-greenlink.org/erp/delaware.html*