



"The company has benefited by having an intern on-site to keep up with this project. The intern provided a devoted set of hands to complete testing and look at alternative options."

—Jim Billings, Armour – Eckrich Meats LLC

SEE THE BENEFITS POLLUTION PREVENTION CAN PROVIDE YOUR COMPANY

Pollution—caused by inefficiencies in processes or the inefficient use of raw materials—is essentially waste. Properly discarding or processing waste is expensive.

Pollution prevention (P2) begins with source reduction — reducing waste at its source before the waste is generated, rather than addressing it at the end of production.

Pollution Prevention (P2) occurs when:

- Raw materials, water, energy & other resources are utilized more efficiently
- Less harmful substances are substituted for hazardous ones;
- Toxic substances are eliminated from production processes

Pollution Prevention (P2) can bring benefits to your business by saving you money through:

- Reduced liabilities
- Increased efficiencies
- More efficient or use of fewer raw materials
- Better process operation
- Boosting your prestige as a good environmental neighbor

Clients can get assistance to reduce or eliminate waste through our strategies. We will meet with you and help you determine your needs and how Pollution Prevention Services can assist.



POLLUTION PREVENTION SERVICES

Iowa Department of Natural Resources
502 East 9th Street
Des Moines, Iowa 50319-0034



POLLUTION PREVENTION SERVICES



GO GREEN AND SAVE GREEN

EVER FEEL LIKE YOU'RE THROWING MONEY DOWN THE DRAIN? YOU MIGHT BE!

Even the best companies often lose money through waste and inefficiency. If you minimize waste and conserve the resources, true savings can be realized.

Pollution Prevention (P2) Services helps businesses improve their bottom line, through the identification of operational efficiencies that can save money, and benefit the environment for generations to come. We provide confidential, non-regulatory technical assistance at no cost to Iowa businesses, institutions and government agencies.

Using a multi-media approach, our team of experts conduct assessments to identify opportunities for pollution prevention and energy efficiency, as well as water, solid waste, and hazardous waste reduction.

Companies can get assistance in these areas:

- Identify P2 opportunities
- Implement environmental improvements through our nationally recognized Pollution Prevention Intern Program
- Develop components of an environmental management system
- Build awareness through workshops

"We had an excellent experience. We saved thousands of dollars and advanced toward our green goals."

— Brian Kumm, Hormel Foods



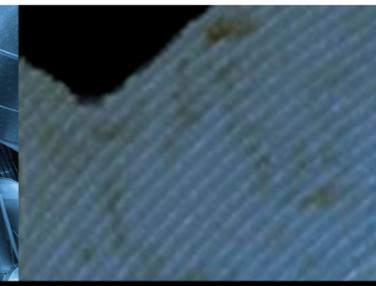
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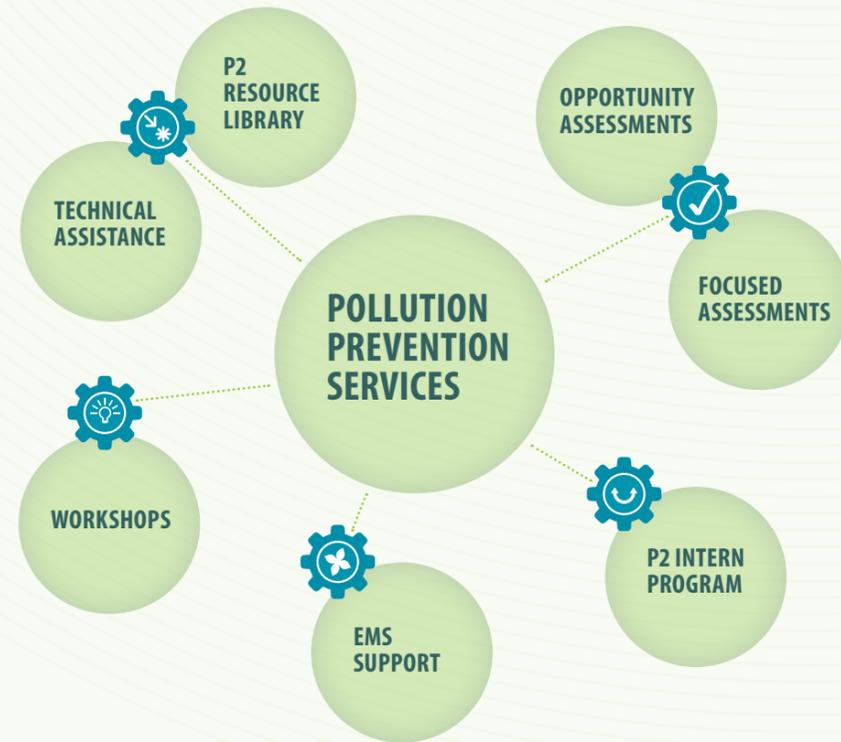


FOR MORE INFORMATION GO TO WWW.IOWAP2SERVICES.COM OR CALL 515/281-5353

P2 STRATEGIES BENEFIT A COMPANY'S BOTTOM LINE



The Iowa DNR's Pollution Prevention Services provides clients with assistance to reduce or eliminate waste through P2 strategies. We meet with each client to help determine organizational needs and assess P2 opportunities through the following services:



WORKSHOPS

Workshop and training events offer companies the opportunity to exchange ideas, transfer best management practices and new technologies, and discover innovative source reduction ideas and strategies. Topics range from compliance assistance delivered by experts from a wide variety of environmental programs, to providing training and support on subjects like greenhouse gas reporting and EMS. Above all, attendees benefit from obtaining the information and technologies they need to save money and reduce the environmental impact of their operations.

Past workshops have included:

- Reduce Energy Costs; Save Money; Increase Profits
- Methods to Reduce Water Consumption
- Preparing for an Inspection: Q & A with Inspectors
- Exploring Energy Recovery Options
- Wastewater and Storm Water: Practical Advice to Avoid Common Violations
- EMS Implementation/Certification
- RICE Rule, Boiler MACT & Stormwater

ASSESSMENTS

- **OPPORTUNITY ASSESSMENT**—A brief site visit is used to identify pollution prevention opportunities, such as water conservation, wastewater treatment, energy efficiency, and solid or hazardous waste reduction. In addition, site visits are often used to help develop internship projects.
- **FOCUSED ASSESSMENT**—A focused assessment provides in-depth analysis of a single media or process within a facility. Focused assessments provide specific recommendations with data to make cost effective decisions.

As part of either an Opportunity or Focused Assessment, the Pollution Prevention Services team will develop a customized report detailing cost-effective waste reduction and pollution prevention recommendations.

Upon completion of an assessment, our team of experts provide technical resources as well as access to other state and federal voluntary programs to help support implementation. Pollution Prevention clients also receive support to apply to recognition programs such as the Governor's Environmental Excellence Awards.

During our assessments, we can help you with

- Options for pollution prevention
- Energy efficiency (e.g., compressed air efficiency, boiler optimization, steam audits, motor efficiency, heat transfer projects and lighting)
- Solid waste reduction
- Hazardous waste reduction
- Water conservation
- Wastewater treatment

P2 INTERN PROGRAM

The Pollution Prevention Intern Program is a unique partnership among government, academia and business. Through a competitive process, companies can obtain an upper-level undergraduate or graduate student to identify, evaluate and implement P2 projects in their facilities. Students receive one week of P2 systems training and work onsite to assist their host companies during a 12-week or 24-week internship.

To date Pollution Prevention Interns have saved Iowa companies more than \$72 million in cumulative annual cost savings. The innovations of the program, the ensuing dollar savings, and environmental reductions have allowed the Pollution Prevention

ENVIRONMENTAL MANAGEMENT SYSTEMS (EMS) SUPPORT

An Environmental Management System (EMS) is an organized and formal approach to managing environmental issues. Through an EMS, an organization is empowered to systematically manage its environmental "footprint" – the environmental impact associated with its activities, products and services. An EMS can help with both regulatory responsibilities and non-regulated responsibilities, such as energy efficiency and resource conservation.

An EMS can be a powerful tool for improving an organization's efficiency and effectiveness. When properly implemented, an EMS can ensure that day-to-day operations are environmentally responsible.

Benefits of an Environmental Management System:

- Save money
- Increase competitive edge
- Help recruit and retain employees
- Meet and exceed environmental legal obligations

Our non-regulatory and confidential environmental technical assistance offers many advantages:

- Assist in EMS development and implementation
- Evaluate EMS for continuous improvement

TECHNICAL SUPPORT AND RESOURCES

- **P2 RESOURCE LIBRARY**—An electronic reference library of P2 best practices and new technologies is available for continued resource conservation and impact reduction.
- **TECHNICAL ASSISTANCE**—Support is available to answer clients' specific questions whether in person, over the phone or through email.

Intern Program to be recognized with several prestigious national and state awards:

- Regional Most Innovative Program Award from the Council of State Governments
- National Most Innovative Program Award from the Council of State Governments
- Most Valuable Pollution Prevention Award from the National Pollution Prevention Roundtable
- Iowa Governor's Gold Dome Award

Become a partner with Pollution Prevention Services and the Iowa DNR by applying for the Pollution Prevention Intern Program.