

Visit the Following Web Sites for More Details on Industrial/Commercial Pollution Prevention:

- **Pollution Prevention in Prince George's County**
[http://www.goprincegeorgescounty.com/Government/AgencyIndex/DER/ESG/pollution.asp?ninel=foldmenu\(7\)](http://www.goprincegeorgescounty.com/Government/AgencyIndex/DER/ESG/pollution.asp?ninel=foldmenu(7))
- **Businesses for the Bay Voluntary Program**
<http://www.mde.maryland.gov/programs/researchcenter/reportsandpublications/pages/researchcenter/publications/general/emde/vol1no3/b4b.aspx>
- **Business Information Center: Greening Your Facility**
<http://www.mde.maryland.gov/programs/BusinessInfoCenter/Greening%20Your%20Business%20Facility/pages/businessinfo-center/pollutionprevention/index.aspx>
- **Business Information Center: Technical Assistance**
<http://www.mde.maryland.gov/programs/BusinessInfoCenter/Greening%20Your%20Business%20Facility/Technical%20Assistance/pages/businessinfo-center/pollutionprevention/technical/index.aspx>
- **General Discharge Permit for Stormwater Associated with Industrial Activities**
<http://www.mde.state.md.us/programs/Permits/Documents/2008permitguide/WMA/3.03.pdf>
- **Pollution Prevention Workbook — A Waste Reduction Guide for Facilities in the Chesapeake Bay Watershed**
http://www.chesapeakebay.net/content/publications/cbp_13093.pdf
- **EPA Pollution Prevention (P2)**
<http://www.epa.gov/p2/>
- **EPA Web Site on 11 Regulated Industrial Activities**
<http://cfpub.epa.gov/npdes/stormwater/swcats.cfm>

Prince George's County Department of Environmental Resources

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Water Pollution Line: (301) 95-CLEAN



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Pollution Prevention Is Good Business

Simple Measures
Can Improve Water Quality
and Save You Money

DEPARTMENT OF ENVIRONMENTAL RESOURCES



RUSHERN L. BAKER, III
County Executive

Eliminate Pollution at the Source

Keep Waste in Its Place

Pollution prevention, or P2, is an environmental protection concept based on the principle that it is easier to stop pollution at the source than it is to clean it up once it has entered the environment. P2 focuses on the reduction or elimination of pollution at the source, before it goes into the dumpster, down the storm drain, out the smokestack or is taken away by the hauler. Like footprints in sand on the beach, nearly everything we do leaves an imprint.

It's All About Attitude

Successful P2 programs begin with a change in attitude and the recognition that the best way to control pollution is to eliminate the process that creates it. Simple measures, such as improved housekeeping, preventive maintenance and inventory control can help to eliminate waste. By identifying inefficiencies and substituting cleaner, cheaper and smarter solutions to everyday business practices, we can control pollution.

The environmental benefits are obvious. Cleaner practices produce less water pollution. P2 measures can also lower operating costs by reducing energy use, waste removal costs, liability, raw materials and worker exposure hazards. Small changes in behavior can make big differences in preventing pollution, protecting human health, strengthening our economy and preserving the environment.

The Water Quality Connection

How you manage your business property and day-to-day activities has a direct impact on the quality of our streams now and in the future. It is important to recognize that you, as a business owner, are responsible for preventing pollution. Material handling, storage and other activities that take place at industrial facilities are often exposed to the weather. When stormwater runoff, from rain or snowmelt, comes into contact with industrial materials such as

detergents, toxic metals, oil, grease, de-icing salts or other chemicals, it sweeps up and carries away anything in its path. These pollutants flow to nearby storm drains, streams, rivers and, eventually, the Chesapeake Bay. While performing any activity on your property, follow P2 techniques to prevent stormwater pollution.

Under federal regulations and state rules, your business may require an industrial surface water discharge permit to control stormwater discharge. If so, you will be required to prepare a written Stormwater Pollution Prevention Plan (SWPPP). This plan identifies structural and non-structural controls that will be put in place to minimize the negative impact of stormwater runoff to the environment. To see a list of businesses that must obtain coverage under an industrial surface water discharge permit, visit the U.S. Environmental Protection Agency web site listed on the back of this brochure.

P2 Planning and Stormwater Protection

For most companies, setting up a P2 program or SWPPP will not require costly changes in technology. Methods used to prevent pollution may even pay for themselves with savings in operating and waste removal costs. Each industry is unique, with individual challenges and opportunities to minimize waste and pollution. Businesses can begin implementing pollution prevention measures by following the simple, low- or no-cost changes described in the chart.

Become a leader for environmental change in Prince George's County and learn more about the many opportunities available in Maryland to assist in making the switch from cleaning up pollution to preventing pollution. For more information, review the list of resources on the reverse side of this brochure. And remember, as long as wastes are produced, opportunities to prevent them will remain.



Components of a Successful P2 or Stormwater Pollution Prevention Plan (SWPPP)

Good Housekeeping

- Keep storage and work areas clean and well organized.
- Store containers so that any leaks will be visible.
- Stack containers properly to minimize the chance for tipping, puncturing or breaking.
- Raise drums off the floor to prevent corrosion from leaks or condensation on concrete.
- Cover stockpiled materials under a roof, inside a building or with a tarp to prevent contact with rain.
- Cover all containers with tight-fitting lids.
- Restrict traffic in storage areas to reduce accidental spills.
- Store hazardous and non-hazardous materials separately to prevent accidental cross-contamination.
- Sweep up or soak up spilled materials. Never use water to wash away spills.

Preventive Maintenance

- Routinely pick up litter and waste from outdoor areas to prevent stormwater contamination.
- Establish a stormwater inspection and maintenance program to ensure all stormwater systems function properly.
- Establish and follow inspection and maintenance schedules to prevent leaks, equipment breakdown and failure.
- Establish standard procedures to recognize and report problems before they become significant.

Inventory Control

- Rotate raw materials in storage to prevent items from going out of date.
- Track material quantities, and reorder more frequently to avoid having to dispose of outdated or obsolete materials.
- Store materials in a locked space with limited access to ensure that containers are completely empty before new containers are opened.
- Properly label all materials with shelf-life dates and keep Material Safety Data Sheets (MSDS) handy.

Employee Training

- Instruct employees on the purpose of preventing pollution and reasons for implementing safety techniques.
- Train employees on proper handling procedures to minimize waste and prevent spills.
- Institute spill response procedures including spill drills.
- Provide updates on pollution prevention techniques annually.