



COMPLIANCE & PREVENTION

quarterly

Summer 2011

A Publication of Ohio EPA, Office of Compliance Assistance and Pollution Prevention

OCAPP Promoting its Services

Ohio EPA's Office of Compliance Assistance and Pollution Prevention (OCAPP) provides free resources to help businesses achieve compliance with environmental regulations. The office's expertise covers a wide range of environmental regulations, from air and water pollution to waste management. OCAPP experts also help businesses identify and implement pollution prevention measures that can save money, increase business performance and benefit the environment.



OCAPP is not a regulatory program, so information obtained by the office is not shared with the Agency's inspection or enforcement staff.

To increase the business community's awareness of OCAPP's environmental compliance and pollution prevention resources and services, the office issued a marketing plan in January 2011.

Marketing activities will be expanded to reach a larger target audience and ensure our customers are more consistently getting relevant and timely information, particularly for new business start-up operations. OCAPP will continue previous marketing activities, such as participation in meetings of trade associations, local chambers of commerce, other state agency partners and Small Business Development Centers.

One new focus area for marketing will be better utilization of electronic tools for customer communication.

Who are our customers/Who can we help?

OCAPP assists many types of businesses. They include, but are not limited to, auto service/collision repair; metal and plastic parts manufacturing; electrical products manufacturing; gas stations; dry cleaners/laundries;

composting and landscaping companies, power washers; carpet cleaners; printers; furniture makers/wood refinishers; HVAC service; metal finishing/electroplating; and stone crushing/sand and gravel companies.

What resources are available?

- Understandable, plain-language fact sheets and compliance guides, available online and hard copy by request.
- Online resources at www.epa.ohio.gov/ocapp.
- New business start-up meeting facilitation to discuss applicable environmental permits and regulations. OCAPP can contact Agency staff and coordinate a meeting with representatives from the appropriate permitting divisions.
- Toll-free confidential hotline (8 a.m. to 5 p.m., M-F) to answer environmental questions from businesses.
- Environmental compliance and pollution prevention workshops/training.



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- ☑ On-site compliance assessments for businesses (fewer than 100 employees). This can help reduce liability; reduce the potential for violations and penalties; and help protect worker health and safety.
- ☑ Quarterly newsletter, *Compliance & Prevention Quarterly*, available electronically.
- ☑ One-on-one assistance completing EPA paperwork and permit application forms.
- ☑ Free pollution prevention assessments to help companies meet their environmental obligations, save money and identify ways to prevent waste generation.

What are the benefits?

Businesses that have worked with OCAPP identified the following benefits:

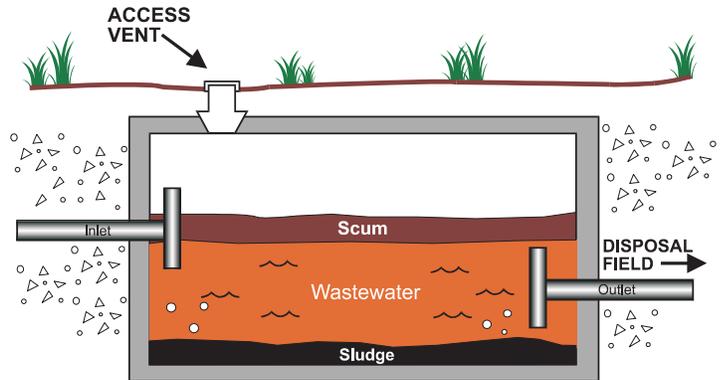
- ☑ achieve environmental compliance;
- ☑ save money and improve business performance;
- ☑ reduce liability and potential for violations or penalties;
- ☑ protect workers' health and safety; and
- ☑ preserve natural resources.

Know a business that needs help? Suggest they contact OCAPP by email p2mail@epa.ohio.gov or phone (weekdays, 8 a.m. through 5 p.m.) at (800) 329-7518 or (614) 644-3469.

Permit Requirements for Underground Injection Removed for Some Small Businesses

Small corner stores and gas stations that inject water softener waste into an on-site leach field/septic system will no longer be required to obtain a permit from Ohio EPA if they follow new rule requirements for underground injection control.

About 365 facilities will be affected by the new business-friendly rule provision that releases them from a requirement to obtain a Class V underground injection control permit if they inject less than 2,500 gallons of water softener wastewater per month.



A Class V permit regulates underground injection of non-hazardous fluids. Examples include surface water runoff drainage wells; septic systems; dry wells; or motor vehicle waste disposal wells. Most are low-tech, employing gravity flow methods directly below the land surface. The change is being made after further study showed the dilution of the wastewater from water treatment is likely to reduce the total dissolved solids sufficiently to prevent unacceptable ground water impacts.

The new rule eliminates the \$2,000 permitting fee for these businesses if they fall under the exemption from obtaining the Class V permit. The fee is required every five years when a permit is renewed. Facilities also avoid requirements to report monthly on the amount injected and analysis of the injectate.

The updated rules are available at www.epa.ohio.gov/portals/28/documents/rules/Final/3745-34-11_effective_5-2-11.pdf.

Sherwin-Williams Wins Green Chemistry Award

The Sherwin-Williams Company, based in Cleveland, received the Designing Greener Chemicals Award for developing a new water-based paint technology. The award was presented as part of the Presidential Green Chemistry Challenge Awards Program.

Oil-based "alkyd" paints have high levels of volatile organic compounds (VOCs) that become air pollutants as the paint dries. Previous acrylic paints contained lower VOCs, but could not match the performance of alkyds. Sherwin-Williams developed water-based acrylic alkyd paints with low VOCs that can be made from recycled soda bottle plastic (PET), acrylics and soybean oil. These paints combine the performance benefits of alkyds and low VOC content of acrylics. In 2010, Sherwin-Williams manufactured enough of these new paints to eliminate more than 800,000 pounds of VOCs.

The Presidential Green Chemistry Challenge Awards Program is a competitive incentive to create environmentally preferable chemicals and chemical processes. For the 16th year, U.S. EPA has celebrated innovative, award-winning technologies developed by high-quality nominees. Five were nationally recognized on June 20, 2011, at the Green Chemistry Challenge Awards ceremony in Washington, D.C.



For more information about the awards program, including past and current award recipients, visit www.epa.gov/greenchemistry/pubs/pgcc/presgcc.html.

Owens Corning's 2010 Sustainability Report

This past June, Owens Corning released its fifth annual sustainability report. The report outlines the Toledo company's environmental footprint reduction performance relative to seven key aspects of resource consumption, waste and air emissions.

The company also announced a new set of 2020 goals designed to raise the bar on its commitment to sustainability. They have already met three of the identified goals and are confident that two more will be achieved by 2012.

The remaining goal, involving footprint reductions in volatile organic compounds, has generated a 14 percent improvement since 2002 and has already begun to benefit from the company's recent conversion to the manufacture of its EcoTouch™ insulation. EcoTouch™ is a new class of high-performance residential and commercial insulation made with a minimum of 99 percent minerals and plant-based compounds. The insulation is third-party certified to be a minimum 50 percent recycled content and formaldehyde-free.

The report highlights a 24 percent intensity reduction in greenhouse gas (GHG) emissions compared to 2009 levels. The company removed 950,000 metric tons of CO₂ from its operations in 2010, equivalent to eliminating the carbon dioxide-related impact of more than 170,000 passenger cars.

The report also highlights progress toward intensity reductions in energy use, nitrogen oxides, volatile organic compounds, particulate matter, waste-to-landfill contributions and water use.

Having significantly reduced its environmental footprint over the past eight years, the report also outlines a new set of footprint reduction goals in the report. These 2020 goals target reductions in energy, GHG, water, toxic air emissions, particulate matter and waste-to-landfill measures, as well as supplier sustainability and life cycle assessments.

For more information about Owens Corning's sustainable activities and to read the report, go to <http://owenscorning.mediaroom.com/index.php?s=2370&item=44199> or www.sustainability.owenscorning.com/.

Environment-focused Packaging Organization

In March, leading U.S. corporations announced they are taking steps to create a new packaging trade organization. The American Institute for Packaging and the Environment (AMERIPEN) will review and comment on policies that impact the packaging value chain and will represent the interests of the industry, including raw material producers; packaging manufacturers; packaging users and fillers; retailers; and material recovery organizations.



Corporate founders include The Coca-Cola Company, Colgate-Palmolive, ConAgra Foods, The Dow Chemical Co., DuPont Packaging & Industrial Polymers, Kellogg Company, MeadWestvaco, Procter & Gamble, Sealed Air Corporation and Tetra Pak Inc.

Modeled after EUROPEN and INCPEN, the European and British counterparts, respectively, AMERIPEN will advocate packaging policy developments in North America that focus on measures that are environmentally and economically sound, as well as socially responsible.

AMERIPEN, with a material neutral approach, will encourage science-based decision-making on sustainable packaging initiatives and provide a point-of-view and guidance to policy makers and innovators on the value and role of packaging. AMERIPEN will work with leaders in the packaging industry, including trade associations, academic institutions, NGOs and government agencies to facilitate relevant research and identify key data and standards to advance their mission.

For more information, visit www.ameripen.org/.

Compliance and Prevention Quarterly cost saving information — If half of all Quarterly readers received the newsletter electronically, we could save nearly \$1,000 worth of printing costs each quarter. Plus, it's good for the environment! To receive an electronic copy, please send your e-mail address* to Dave Foulkes at dave.foulkes@epa.ohio.gov or call (800) 329-7518.

*Please include 'Compliance and Prevention Quarterly' in the subject line.

Need Help?

Ohio EPA's Office of Compliance Assistance and Pollution Prevention is a non-regulatory program and one-stop location for information about environmental requirements, compliance concerns and pollution prevention. Services are free. Contact us at (800) 329-7518 or (614) 644-3469. Visit us at www.epa.ohio.gov/ocapp.

Compliance and Prevention Quarterly

Published by Ohio EPA's

Office of Compliance Assistance and Pollution Prevention

Laurie Stevenson, Chief

Dave Foulkes, Editor

Please direct your comments and address changes to:

Dave Foulkes

Ohio EPA

Office of Compliance Assistance and Pollution Prevention

P.O. Box 1049

Columbus, OH 43216-1049

(800) 329-7518

dave.foulkes@epa.ohio.gov

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Columbus, OH 43216-1049

P.O. Box 1049

Ohio EPA-OCAPP

Scott J. Nally, Director

Mary Taylor, Lt. Governor

John R. Kasich, Governor

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