



# COMPLIANCE & PREVENTION

## *quarterly*

**Autumn 2011**

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

### **How Can We Help You? Survey Seeks Input on Communication Methods**

Ohio EPA realizes that communication methods and the ways in which people receive information are changing rapidly. We would like your feedback on how Ohio EPA can more effectively reach our customers with compliance assistance-related information and resources. Please go to [www.surveymonkey.com/s/DMSRD3Q](http://www.surveymonkey.com/s/DMSRD3Q) to complete our Outreach Communication Survey. The online survey will close January 20, 2012. Thank you!

### **Additional General Permits for Air Pollution Sources**

The Division of Air Pollution Control (DAPC) recently developed additional general permits for aggregate processing, tub grinders, mineral extraction and portable diesel engines. A general permit is similar to any permit that DAPC issues except all the terms and conditions of the permit have been developed in advance. A general permit is the same for all and cannot be altered or customized.

A potential applicant can review the general permit in advance to see if their emissions sources meet the specified qualifying criteria and operating conditions. The applicant can then complete a simplified application form that DAPC will process within 45 days.

The benefits of the general permit include:

- a quicker processing time of 45 days or less;
- the ability to see the permit conditions in advance;
- an easier permit application that requires no emission calculations;
- permit conditions that can offer more operational flexibility; and
- more consistent permits for similar emission sources throughout the state.

Permit fees remain the same as regular permits-to-install and operate.

General permits are also available for boilers, dry cleaners, concrete batch plants, industrial painting operations, paved/unpaved roadways and storage piles. For more information, visit the DAPC website at [www.epa.ohio.gov/dapc/genpermit/genpermits.aspx](http://www.epa.ohio.gov/dapc/genpermit/genpermits.aspx).



### *IN THIS ISSUE*

#### Compliance Assistance

How Can We Help You? .....	1
Additional General Permits for Air Pollution Sources .....	1
OCAPP's District Positions .....	2
Online Painter Training Meets	
NESHAP 6H Requirements .....	2

#### Pollution Prevention

Ohio EPA's New E3 Program .....	3
University of Cincinnati Earns Energy Star Award .....	3



Printed on recycled and recyclable paper



## Ohio EPA's New E3 Program

Ohio EPA announces Encouraging Environmental Excellence (E3), a program to recognize small to large businesses, non-profit organizations, schools, governments and others committed to environmental excellence.

"If you're doing something great for the environment, tell us about it. By recognizing Ohio businesses and other organizations, we can improve Ohio's environment through innovation and efficiency" said Ohio EPA Director Scott J. Nally. There will be three levels to this program:

### *Bronze Level*

Recognizing any entity completing environmentally beneficial activities.

- Certificate of recognition
- Ohio EPA website listing and highlight in Ohio EPA, Office of Compliance Assistance and Pollution Prevention newsletter
- Decal with E3 logo

### *Silver Level*

Recognizing businesses and others that have a good environmental compliance record and complete stewardship activities.

- E3 flag
- Ohio EPA news release
- Invitation to awards ceremony and possible site visit by Ohio EPA director
- Highlight of your efforts in a case study

### *Gold Level*

Recognizing businesses that exceed regulatory compliance obligations and commit to long-term strategies to reduce waste, lower emissions and improve environmental performance.

- E3 flag
- Ohio EPA news release
- Invitation to awards ceremony and possible site visit by Ohio EPA director
- Highlight of your efforts in a case study
- Opportunity to work with Ohio EPA on regulatory/permitting flexibility options, potentially including expedited permit review, reporting flexibility, reduced inspection frequency, etc.
- Annual members meeting with Ohio EPA director

For more information about this program, visit [www.epa.ohio.gov/ohioE3.aspx](http://www.epa.ohio.gov/ohioE3.aspx) or call (800) 329-7518.

## University of Cincinnati Earns Energy Star Award

U.S. EPA has recognized the University of Cincinnati with the 2011 Energy Star Combined Heat and Power (CHP) award for demonstrating leadership and a commitment to protecting people's health and the environment. CHP technology simultaneously produces electricity and useful thermal energy from a single energy source, such as natural gas, biomass or wasted energy.



The University of Cincinnati benefits from the reliability, environmental performance and cost savings of its 46 MW natural gas-fired CHP system. The system provides electricity and steam to the campus to support the University's faculty, six hospitals and more than 35,000 students. In addition to reducing the University's dependence on grid-supplied electricity, the turbines can also run on fuel oil in case of an unforeseen interruption in the natural gas supply.

While satisfying almost 50 percent of the campus electricity demand, the system saves the University an estimated \$4 million each year by recovering waste heat from the turbine exhaust and producing steam. During cooler months, the steam is used for space heating. When building cooling is required, the steam is utilized to produce additional electricity that makes chilled water to cool campus facilities. At night, when less cooling is required, the chilled water produced by the CHP system is stored in a 3.5-million-gallon underground storage tank. The chilled water is then pumped to buildings across campus during the day to meet cooling demands and reduce operating costs.

With an operating efficiency of 73 percent, the system requires approximately 32 percent less fuel than a conventional system with similar output and prevents an estimated 105,000 tons of CO<sub>2</sub> emissions annually, equivalent to the emissions of more than 18,900 passenger vehicles.

The U.S. EPA CHP Partnership, established in 2001, is a voluntary program that encourages the use of CHP to reduce the environmental impact of power generation. For more information about the CHP Partnership and the award, visit [www.epa.gov/chp/public-recognition/current\\_winners.html](http://www.epa.gov/chp/public-recognition/current_winners.html).

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](mailto: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](http://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](mailto:dave.foulkes@epa.ohio.gov)  
[www.epa.ohio.gov/ocapp/CPQ/cpqnewslett.aspx](http://www.epa.ohio.gov/ocapp/CPQ/cpqnewslett.aspx)

*Ohio EPA is an Equal Opportunity Employer.*

Columbus, OH 43216-1049

P.O. Box 1049

Ohio EPA-OCAPP

Scott J. Nally, Director

Mary Taylor, Lt. Governor

John R. Kasich, Governor

 COMPLIANCE & PREVENTION  
quarterly