

AIR CURRENTS

Wisconsin Partners for Clean Air Newsletter

In this issue:

- WPCA Chair Message
- Clean Air Extravaganza
- Air Quality Trends
- Back Page: Partner Success Spotlight

WPCA Message from the Chair

Congratulations go to the Clean Air Recognition Award & Commuter Champ winners presented at the Clean Air Extravaganza. It was nice to see some new faces among the event attendees and we hope that is something that continues at future events. Be sure to see the Partner Success Spotlight in this issue recognizing the winners and their activities and hope you find them inspiring.

Dona Wininsky, WPCA Chair

Clean Air Extravaganza Recap

A Wisconsin business and a state university were honored during the annual Clean Air Extravaganza at ManpowerGroup World Headquarters in Milwaukee on Thursday, May 22nd. The event theme was *Improving Performance: Growing Your Green Bottom Line*.

In addition to the award recognition, attendees heard engaging presentations on the Wisconsin Department of Natural Resources' Green Tier program and from three program participants. The DNR Green Tier program offers opportunities for credible, creative ways to enable businesses to be a powerful, sustainable force for environmental stewardship and enhance productivity, cut costs, and strengthen the health of their business culture and community. Presenters included Kimberly Ake, Wisconsin DNR; Andrew Freinik, Roundy's Supermarkets, Inc.; Matthew Kemp, Godfrey & Kahn S.C.; and Dolores Corcoran, Lauterbach Group, Inc.

The event celebrated the accomplishments of two organizations for improving air quality by reducing emissions from their facilities and fleets, improving energy efficiency, and providing commuter transportation alternatives. The Clean Air Recognition Award was presented to Frito Lay, Inc. (Beloit) and the Commuter Champ Award was presented to University of Wisconsin-Milwaukee.

See back page for a listing of their activities and consider nominating your organization next year.



Wisconsin Air Trends

The Wisconsin Department of Natural Resources recently released an Air Quality Trends report demonstrating that the state's air monitoring data is critical to the efforts necessary to analyze air quality standards. The report highlights include:

- ◆ Long-term trends of ozone and fine particulate (PM2.5) levels continue to decrease statewide.
- ◆ Wisconsin counties in nonattainment since the enactment of the 1990 Clean Air Act amendments remained at its lowest number.
- ◆ Milwaukee, Waukesha, and Racine counties were re-designated to attainment of the fine particulate standard set by the Environmental Protection Agency.

2014 Wisconsin Air Quality Trends:
<http://dnr.wi.gov/topic/airquality/trends.asp>



From left to right:
Eric Nitschke, Wisconsin Dept. of Natural Resources; Nelson Ogbuagu, University of Wisconsin-Milwaukee; Dona Wininsky, American Lung Association in WI and WPCA Chair; and Jim Zisser, Frito Lay, Inc.- Beloit.



Wisconsin Partners for Clean Air

Success Spotlights:

Frito Lay, Inc. (Beloit) and University of Wisconsin-Milwaukee

Clean Air Recognition Award

Frito Lay, Inc. (Beloit)

- Addition of more on-site services and processes has reduced cost and transportation emissions and increased convenience. These include a health and wellness center, modular packaging automation, and new supply chain systems.
- Installed three natural gas boilers that produce steam quickly on an on-demand basis reducing natural gas consumption by over 200,000 therms/yr and nearly 1,000 tons CO₂/yr.
- Testing steam trap conversion to save an additional \$100,000/year.
- Reduced consumption of compressed air by implementing leak detection, expanding central vacuum system, and updating refrigerated dryers. Annual electric savings of over 490,000KW and 314 tons/CO₂.
- Doubled the size of their new compressed natural gas trucking fleet to 24 trucks and replaced 49 smaller trucks to more fuel efficient models, all of which is annually saving 450,000 gallons diesel and 935 tons CO₂.
- Energy and associated emissions have been reduced through improvements to waste water treatment operations such as the reduction in number of blowers and addition of automatic dissolved oxygen control on variable speed blowers.
- Actively involve employees via project teams and awareness events to improve facility efficiency and for community outreach (community clean-up events, school presentations, employee recycling fair, waste elimination).
- Improvements in 2013 have led to \$500,000 saved and prior improvements still having beneficial impacts: adsorption chiller added to their existing chip fryer heat recovery hydronic system to produce and circulate chilled water during summer months to cool their packaging areas; recovery of waste heat from chip fryer to preheat cooking water; exterior lighting converted to LED; added natural gas compressor to fuel trucks.
- Other actions also reduce environmental footprint, save money, and help the local economy including: using Wisconsin-grown potatoes, many upgrades to on-site waste water pre-treatment operations, striving towards less than 1% of waste to landfills.

Commuter Champion Award

University of Wisconsin - Milwaukee

- Faculty and staff are offered a Milwaukee County Transit System's Commuter Value Pass, with UWM picking up 50% of the cost. The employee share is paid through pre-tax payroll deduction, providing additional savings to employees.
- Participates in MCTS's UPass Program for students, which provides unlimited transit use as part of student tuition cost. The campus is serviced directly by six local bus routes and three express routes.
- The campus is also served by Wisconsin Coach Lines and Badger Coaches, which provides transit service to outlying communities, including weekend service to Madison.
- Provide shuttle service routes for satellite educational, housing, and parking facilities, along with a van service for the surrounding neighborhood.
- Provide ample bike parking throughout the campus, including some weather-proof bike lockers, along with identifying buildings with shower facilities for staff. They installed two Bike Fix-it Stations where bikers can inflate their tires and make other necessary repairs using the various tools at the repair stations at no cost. They also participate in a Bike to Campus event during Bike to Work Week.
- The Parking and Transit Department promotes the Wisconsin Rideshare program and services such as Zimride and Zipcar on its website. Zimride is a convenient method of ride sharing where participants go on-line and see who is also traveling to or from UWM and share the ride. Zipcar is a car-sharing program where members can use a vehicle for short periods and pay by the hour. It is as simple as reserving a vehicle on-line and picking it up at one of the convenient campus locations.
- Installed air pumps at select parking garages, providing free use of air compressors for both drivers and bike riders.
- To further support UWM's sustainability initiatives, they installed six Electric Vehicle Charging Stations on campus with plans to install two more quick chargers for electric vehicles.



Want to be featured in the WPCA Air Currents' Success Spotlight?

Send us your environmental and emission success story.

Wisconsin Partners for Clean Air is a coalition committed to improving air quality through voluntary action. Comments, suggestions, and successes, contact: Peter McMullen phone: 414-263-8751 or email: peter.mcmullen@wisconsin.gov