

# WISCONSIN DEPARTMENT OF NATURAL RESOURCES

# AIR & WASTE DIVISION

ANNUAL

REPORT

2008

- 1 Regulatory Improvement
- 3 Healthy Air
- 5 Innovation & Green Tier
- 7 Cleaning Up Contaminated Properties
- 9 Moving Toward Zero Waste
- 11 How Are We Doing? Performance Measures
- 17 Feedback/Success Stories

*The Wisconsin DNR Air & Waste Division protects human health and the environment by working in partnership with citizens, communities, businesses and advocacy groups. Division programs recognize the interrelationships among our air, land and water resources and rely on environmental indicators, feedback from others and self-evaluation to continually improve our services.*

## **Air & Waste Division Goals**

Protecting Public Health & the Environment

Growing Wisconsin's Economy

Providing Excellent Customer Service



# From the Administrator

Dear Colleagues,

As you peruse this Annual Report for 2008, I hope you will join me in taking pride in the outstanding accomplishments of the Division. After reading the Program Highlights and the Success Stories, I think you will agree that in 2008 we again successfully implemented Smart Regulation and excelled at providing excellent customer service. You have done all of this under worsening economic conditions and with fewer fiscal and staff resources than we need to get the job done. I cannot be prouder of the Division and I want to express my thanks to all of you on a job well done!

Looking forward...

It is apparent that 2009 will bring much change to the world we live in, including the Department as a whole, as well as the Air & Waste Division.

The nation has a new charismatic president with a great vision for the future. The global conscience is being swept up with the tenet of sustainable management of the earth's resources. The United States finally appears poised to take seriously what is perhaps the greatest threat to the environment that we have ever seen – global warming. And in the state legislature, for the first time in some time, one party controls the governorship and both houses of the legislature. But alas, I am reminded of Dickens' *Tale of Two Cities*: the global, national and state economy is facing its greatest challenge in decades.

Whatever the result of this perfect storm, I think we can safely predict that one outcome will be change. I believe the future of the Department will be preordained by how we – individually and collectively – rise to the challenges that will face us this year and in the years to come. I hope that you are able to sustain your passion, drive and tenacity in the face of fiscal adversity and changing times; I think the future literally depends on it. Be of sound mind and strong spirit and in the end, the State's natural resources will come out the better for it.

I will end with one of my favorite quotes from one of my favorite statesmen, Winston Churchill. Sir Churchill knew something about leadership under extremely adverse conditions; perhaps we can learn something from him:

*"Never give in – never, never, never, never, in nothing great or small, large or petty, never give in except to convictions of honour and good sense."*

*Sir Winston Churchill, Speech, 1941, Harrow School*

Again, thanks for a great 2008! I look forward to working with you to tackle the challenges that 2009 will certainly bring.



Al Shea, Administrator  
Air & Waste Division



# Regulatory Improvement

*To protect the environment and public health through efficient, effective and consistent processes that yield measurable environmental results, generate superior performance and build customer driven solutions.*

“Regulatory Improvement” is a strategic initiative of the Wisconsin Department of Natural Resources’ Leadership Team. The overall goal of this initiative is to “protect the environment and public health through efficient, effective and consistent processes that yield measurable environmental results, generate superior performance and build customer driven solutions.”

Our regulatory improvement initiative stems from [Governor Doyle’s “Grow Wisconsin” economic plan](#) published in September, 2003 (*PDF, Exit DNR*).

According to the plan, regulatory reform means “lowering regulatory barriers to business growth. But it also means keeping sensible protections in place to protect our environment and keep our high quality of life.”

## Smart Regulation

In December of 2003 WDNR’s Air & Waste Division launched its regulatory improvement effort, Smart Regulation, to maintain environmental standards and protect public health while improving service. Read more about the Division’s regulatory improvement initiatives at: <http://dnr.wi.gov/environmentprotect/regperf.html>.

- **Responsive** - We understand the needs of our internal and external partners and stakeholders. We listen and we respond to changing needs and circumstances.
- **Efficient** - We embrace innovation and avoid waste. We establish priorities to get the job done in the most efficient manner possible.
- **Timely** - Our programs meet or exceed expectations for timeliness. We establish realistic expectations and we are accountable for those expectations.
- **Effective** - Our mission is to protect and restore Wisconsin’s environment. We take that responsibility seriously and emphasize environmental results.
- **Consistent** - Our regulations are administered fairly and consistently. When inconsistency is identified, we correct it.

These five attributes aren’t something entirely new to our Air & Waste Division programs – they’re attributes that DNR programs have always strived for. However, in these times of budgetary crisis and regulatory improvement, “Smart Regulation” requires a renewed emphasis, visibility and accountability for these attributes.

# Regulatory Improvement Objectives

The Air & Waste Division has established four regulatory improvement objectives. Our regulatory improvement attributes (responsive, efficient, timely, effective and consistent) will be reflected in our efforts to implement these objectives.

1. To fully and efficiently deliver services under the Clean Air Act, including avoiding permit backlogs, streamlining permitting processes, and improving regulations.
  2. To streamline our processes and reviews that prevent adverse impacts to public health and the environment related to management of waste materials.
  3. To respond to environmental emergencies and to restore contaminated land and water to levels that protect public health and the environment in a manner that promotes redevelopment.
  4. In cooperation with our stakeholders, promote innovation, pollution prevention, education and technological advances that achieve superior environmental results.
-

## Program Highlights

**Mercury Multi-Pollutant Air Emissions Reduction Rule** – Innovative rule reduces mercury air emissions from power plants in Wisconsin by 90% by 2015 and includes a multi-pollutant compliance option to significantly reduce emissions of SO<sub>2</sub> and NO<sub>x</sub> in exchange for a longer compliance time to reduce mercury.

### **Information Technology & Management Accomplishments:**

- Moved and combined information from three separate older systems into a new integrated data system, creating a foundation for the new permitting, compliance and emission inventory web based tools.
- Launched the online application system to receive and process operation permit renewals.
- Created Air Program Knowledge Base containing guidance and policy information available to the public with nearly 300 items that are easily searchable and more to be added.
- Improved the real time permit tracking to make it easier to find information and download documents related to construction and operation permits.
- Trained air program staff to work in the new system.

**Annual Air Emissions Reporting** was completed on the Internet for nearly 2000 facilities in 2008. Second year improvements to the on-line reporting software included:

- Quicker page loads and resolution of web server errors before the user experienced problems.
- Allowing in excess of 300 users on the system during the peak reporting periods.

**Air Permitting** – Completed over 400 construction and operation permit issuances, renewals and revisions.

**Air Management's Air Quality Watch/Advisory Program** provides a valuable and popular public service:

- 600,000 hits on the DNR air quality maps page, one of DNR's most frequently visited pages. <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=wisards>
- Over 2,000 individuals receive our automated e-mail messages when air quality watches and advisories are issued. To receive watch/advisory information, please register at: <http://dnr.wi.gov/air/newsletters/>

## Bureau of Air Management

[dnr.wi.gov/air/](http://dnr.wi.gov/air/)

The Wisconsin DNR's Air Management Program protects human health and the environment while accommodating economic growth by developing air quality implementation plans and collaborating with local, state, regional and international partners.

Air monitoring operations are used to determine air quality trends, the status of attaining the ambient air quality standards, and the need for public health advisories. The program promotes market-based approaches to create incentives for seeking lowest cost methods to achieve compliance. Staff also conduct inspections, initiate compliance actions and operate an effective permit program in accordance with state and federal requirements.

The program works cooperatively with other health agencies, citizens and industry to improve the program, avoid duplication of effort and educate the public on the health effects of air pollution.

For more information, please contact John Melby, Director, Bureau of Air Management, [john.melbyjr@wisconsin.gov](mailto:john.melbyjr@wisconsin.gov), 608/264-8884, or visit our Web site: [www.dnr.wi.gov/air/](http://www.dnr.wi.gov/air/)

# Bureau of Air Management

[dnr.wi.gov/air/](http://dnr.wi.gov/air/)

## State Mercury Rule Effective in December 2008

Mercury air emissions from stationary sources will be reduced in the future by 80% from 2005 levels when 4,141 pounds were released into the environment. This reduction will be the result of a number of actions including revision of the State mercury rule for coal-fired power plants which became effective in December 2008. Upon full implementation of this rule, mercury emissions from power plants will be reduced to 536 pounds per year between 2015 and 2021 depending upon the multi-pollutant compliance pathway chosen by each power plant. In addition, Wisconsin's only chlor-alkali facility, ERCO Worldwide located in Port Edwards, announced that it will convert to mercury free technology and reduce emissions by 1,139 pounds (based on 2005 emissions). This conversion is expected to be completed by June 2009.

*The table below shows the mercury emission reductions from the state power plant rule revision and chlor-alkali conversion, as well as reductions from additional federal regulations that will become effective in 2015. The additional regulations affect industrial, institutional, and commercial boilers and sludge drying and combustion.*

Stationary Source Category	2005 Mercury Emissions (pounds)	Expected 2015 Mercury Emissions (pounds)
ERCO Chlor-alkali Production	1,139	0
Coal-fired Power Plants	2,586	536 to 1,102
Industrial, Institutional and Commercial Solid Fuel Boilers	195	100
Sludge Drying and Combustion	95	50
Foundry	55	55
Waste Incineration	34	34
Natural Gas and Oil Combustion	19	19
Remaining Categories	18	18
<b>Total</b>	<b>4141</b>	<b>812 to 1,378</b>

## Wisconsin's Mercury and Acid Deposition Monitoring Networks

Since 1980 Wisconsin has participated in a national program collecting precipitation samples for chemical analysis, measuring atmospheric deposition and studying its effects on the environment. Wisconsin has seven acid deposition sites in this network. In 1995, Wisconsin began participation in another national network to monitor wet deposition of mercury to the environment with six sites. This second network provides a long-term, widespread monitoring network allowing researchers and policymakers to answer essential questions about the health and future of Wisconsin's, and the nation's, water resources with respect to mercury deposition.

With the adoption of Wisconsin's mercury multi-pollutant rule, emissions of oxides of nitrogen (NOx), sulfur dioxide (SO<sub>2</sub>) and mercury from utilities will decrease sharply in the coming decade. Consequently, a measurable reduction in atmospheric acid and mercury deposition should occur. The existence of the mercury and acid deposition monitoring networks will provide Wisconsin's policymakers and scientists with the ability to quantify reductions related to this rule.

## Program Highlights

**Green Tier** – The program continues to enroll new entities and encourage its participants to achieve environmental results beyond compliance. Current participation:

- 23 Tier 1 participants with 33 facilities
- 2 Tier 2 participants
- 5 Charters
- 6 ECPP participants

### **National Vehicle Mercury Switch Recycling Program**

In 2008, the Wisconsin Auto and Scrap Recyclers provided over 57,000 mercury switches to the national program. This year's contribution tops 2007's by more than 25%. Fifty new participants brings Wisconsin's total to 257 members this year. Wisconsin continues to be in the top 5 contributors of all 50 states.

### **Wisconsin Permit Primer Receives National Recognition**

– The U.S. Small Business Administration recently recognized Wisconsin's Permit Primer for providing fast, accurate information to business users. DNR's online permit guidance for new and expanding businesses receives an average of 2,384 visits a month. In 2008, updates were made to include assistance with the Air program's streamlined permitting options and indirect source rules. The updates arrange information to benefit those who are unfamiliar with indirect source regulations and guide them with easy to understand decision points.

**Mercury Product Reduction** – Fifteen Wisconsin municipalities signed a Mercury Green Tier Charter which will reduce the use, and increase recycling, of mercury products in their communities. Using guidance developed by CEA staff, municipal outreach targeting hospitals, dental offices, schools, and industries should lead to reported results in 2009. A similar program implemented by the Green Bay Metropolitan Sewerage District in 2008, funded by a DNR grant, led to a preliminary reduction of 35% in mercury discharged to their treatment plant.

Nationally, CEA has worked through the Quicksilver Caucus workgroup of the Environmental Council of States (ECOS) to address many mercury issues. In 2008 the Caucus and DNR contributed to the passage of a federal law banning the export of elemental mercury from the United States by 2013. Caucus initiatives have also included development of mercury thermostat recycling, dental amalgam management, and compact fluorescent bulb recycling programs.

## Bureau of Cooperative Environmental Assistance

[dnr.wi.gov/org/caer/cea/](http://dnr.wi.gov/org/caer/cea/)

*Less waste. Lower costs.  
Healthy communities.*

The Wisconsin DNR's Bureau of Cooperative Environmental Assistance uses three approaches to develop business relationships:

- Build programs that yield superior environmental and economic results.
- Build business sector relationships that deliver green prosperity.
- Build flexibility and facilitate innovation that meets or exceeds environmental standards while reducing costs and improving profitability and competitiveness.

This Bureau brings programs and businesses together to facilitate superior environmental performance. It manages initiatives that provide technical, compliance and performance based support to businesses and other entities dedicated to sustainability and performance management.



*Green Tier's new logo, unveiled February 2008.*

For more information, please contact Mark McDerimid, Director, Bureau of Cooperative Environmental Assistance, [mark.mcderimid@wisconsin.gov](mailto:mark.mcderimid@wisconsin.gov), 608/267-3125, or visit our Web site: [www.dnr.wi.gov/org/caer/cea/](http://www.dnr.wi.gov/org/caer/cea/)

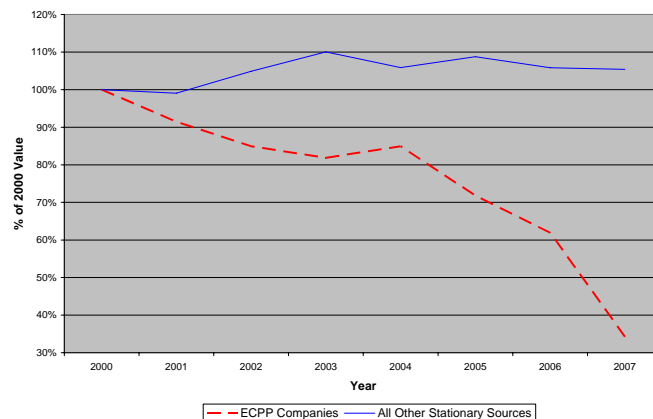
# Bureau of Cooperative Environmental Assistance

[dnr.wi.gov/org/caer/cea/](http://dnr.wi.gov/org/caer/cea/)

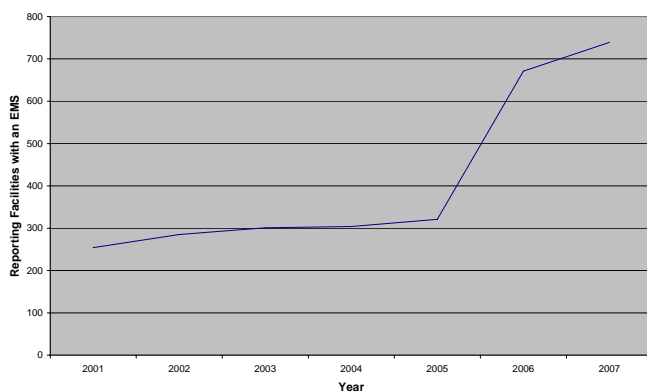
## Environmental Cooperation Pilot Program

Participating companies have reduced nitrogen oxide emissions by 74%, volatile organic compound emissions by 42%, and sulfur dioxide emissions by 66% from year 2000 baseline levels. New environmental standards at one participant, We Energies, greatly contributed to the drop in SO<sub>2</sub> from 2006 to 2007. Details about all participants' environmental performance are published on the web at <http://dnr.wi.gov/org/caer/cea/ecpp/p2/index.htm>.

SO2 Emission Trends



EMS Longitudinal Comparison



**Environmental Management Systems – Growth continues in the use and third party certification of environmental management systems (EMS).** While the most recent year's 10% growth is less than last year's 109% growth, it is still consequential and there continues to be greater effort directed to the certification of systems. CEA continues to encourage a documented base of 1500 businesses with an EMS by 2015. The current number of 739 is about half of our goal and only counts those systems in place at facilities with mandatory reporting requirements to DNR. With continued annual growth along with EMS development through programs like Green Tier, the goal is within reach by 2015.

**Dairy Producer Environmental Management Training –** In 2007, CEA was awarded a \$275,000 State Innovation Grant from US EPA to provide environmental management system (EMS) training to Wisconsin dairy producers. The effort is targeted at northeast Wisconsin's Lakeshore Basin and will provide resources to train and provide on-farm EMS technical assistance. Of the producers who successfully complete EMS training, resources are available for at least 15 producers to receive an on-farm EMS audit. Two groups of dairy producers began training in December of 2008, and more will do so before the project concludes in April of 2009.

**Green Tier Legislation –** Green Tier and Compliance Audit laws will sunset in July 2009 absent specific reauthorization action by the Legislature and the Governor. As a result, work has accelerated with the Green Tier Advisors and with legislative sponsors to develop acceptable language that will result in reauthorization of the program. A package designed to address reauthorization, make technical corrections to the law and pursue opportunities for program improvement was developed and is in the process of being drafted and vetted before introduction in the legislature in the early stages of the 2009-2011 legislative session.

**Environmental Compliance Audit Program –** One facility submitted an audit report this year and two others submitted Notices of Intent. Since its inception eleven facilities have utilized the program, which provides a safe harbor to self-certify their compliance with environmental laws. In 2008, Wisconsin DNR signed a Memorandum of Agreement with the Wisconsin Association of Independent Colleges and Universities. Sixteen campuses across Wisconsin will participate, completing their audits over the next 2 years.

**Green Tier Advantage 2008 –** In partnership with WI Environmental Initiative, CEA hosted the Green Tier Advantage 2008 event in February at Monona Terrace in Madison. Representatives from Green Tier companies, environmental organizations, corporations of all sizes, and state and federal government shared successes and discussed new ideas for environmental innovation.

## Program Highlights

**Cleanup & Redevelopment** – Completed cleanups at more than 440 contaminated sites and responded to 975 hazardous substance spills; satisfied more than 70 requests for redevelopment assistance and helped prepare more than 1,700 acres for redevelopment. To date, the state has closed out approximately 22,300 former contaminated sites.

**Neillsville Gets An Icy Redevelopment** – The Neillsville Foundry in central Wisconsin operated for 30 years before leaving behind a legacy of soil and groundwater contamination. The city received state-funded cleanup assistance and a DNR Brownfields Site Assessment Grant to demolish the former foundry building. The city purchased part of the property and developed a community ice rink.

**Harley Motors Into The Menomonee Valley** – Can you hear the roar?! Opened in 2008, the Harley-Davidson Museum Complex is located at the eastern tip of the Valley along the Menomonee River. This \$75 million project sits on four brownfields formerly owned by Milwaukee and the Morton Salt Company. Cleanup efforts included soil excavation, capping, and building innovative, porous pavement for motorcycle parking.

**Riverfront Cleanup In Northern Wisconsin** – Northern Region RR staff continue to work with Lincoln Wood Products to address contamination from a former manufactured gas plant along the Wisconsin River in Merrill. Clean up consisted of removing 2,500 yards of contaminated sediment and shoreline. This successful and expedient remediation is due to the cooperative effort of all involved parties.

**Lake Delton Flood Cleanup Success** – Flooding in June caused a breach in the bank of Lake Delton, draining the entire 267-acre lake and destroying several homes. South Central RR staff coordinated with the cleanup contractor and other DNR programs to swiftly and cost-effectively clean up debris along a 24-mile stretch of the Wisconsin River.

**Neenah Brownfield Goes Global** – RR's Northeast staff are working with the Neenah Community Development Authority and other DNR programs to clean up and redevelop the former PH Glatfelter paper mill. After cleanup, redevelopment includes a riverfront walkway and the Plexus Corporation's global headquarters. Neenah CDA will receive a Certificate of Completion via the RR Program's Voluntary Party Liability Exemption (VPLE) process.

## Bureau for Remediation and Redevelopment

[dnr.wi.gov/org/aw/rr/](http://dnr.wi.gov/org/aw/rr/)

*Helping restore & protect the environmental and economic health of Wisconsin communities.*

The Remediation and Redevelopment (RR) Program facilitates the return of contaminated properties to environmentally safe and productive community assets. The program has responsibility for cleanup activities at sites that fall under the following authorities: the state hazardous substance spills law, environmental repair law, abandoned container law and land recycling law, as well as the federal Superfund law and Resource Conservation and Recovery Act corrective action or closure authorities.

The program promotes the return of contaminated properties to beneficial use by overseeing cleanup activities, the uniform application of cleanup rules and the use of state and federal incentives for the investigation, cleanup and redevelopment of contaminated sites.



*The Harley Museum in Milwaukee's Menomonee River Valley, built on four former brownfield properties (DNR photo).*

For more information, please contact Mark Giesfeldt, Director, Bureau for Remediation and Redevelopment, [mark.giesfeldt@wisconsin.gov](mailto:mark.giesfeldt@wisconsin.gov), 608/267-7562, or visit our Web site: [www.dnr.wi.gov/org/aw/rr/](http://www.dnr.wi.gov/org/aw/rr/)

# Bureau for Remediation and Redevelopment

dnr.wi.gov/org/aw/rr/

## RR Program Financial Tools Continue To Aid In Cleanup & Redevelopment Projects

State-funded cleanup assistance to orphan sites – Provided \$2 million in state-funded cleanup assistance at 64 “orphaned” sites, where there was no known, able or willing responsible party to clean up contamination.

DNR Brownfields Site Assessment Grants – Awarded \$1.7 million in DNR Brownfield Site Assessment (SAG) grants to 31 Wisconsin municipalities – many of them rural communities.

## Brownfields Study Group Celebrates 10 Years Of Success!

On September 9, the Wisconsin Brownfields Study Group celebrated 10 years of success in enhancing and expanding Wisconsin’s Brownfields Initiatives. The anniversary celebration, which took place in Milwaukee, highlighted “Brownfields Initiative Week,” declared by Governor Jim Doyle. Milwaukee Mayor Tom Barrett provided the keynote address and more than 130 people attended the event.

<b>Status of Contaminated Properties</b> <i>(as of 12/31/2008)</i>	
<b>Sites Cleaned Up, Closed Out with DNR Approval</b>	<b>22,300</b>
<b>Known Sites Requiring Action (e.g. investigation, cleanup, etc.)</b>	<b>4,485</b>
<b>New Sites Reported, Annually</b> <i>(i.e. Average yearly number of new sites needing investigation and/or cleanup.)</i>	<b>440</b>

## 2008 Ready For Reuse Changes Become Law



*Left, former State Senator Carol Roessler looks on as Governor Jim Doyle signs into law legislation that makes it easier for communities to use the DNR’s Ready For Reuse brownfields grant and loan program. More than \$1.7 million was handed out in 2008. The program has awarded nearly \$4 million of the original \$5.5 million – DNR has requested another \$5 million from EPA in 2009 (DNR photo).*

## Lifetime Achievement Award To Mark Giesfeldt

Mark Giesfeldt, RR Program Director, was recognized in 2008 by the Association of State and Territorial Solid Waste Management Officials (ASTSWMO) with a lifetime achievement award. The award recognized Mark’s 20 years of service to Wisconsin, his continued involvement on national issues, and his efforts to establish risk-based remediation objectives and a “one-cleanup program” in Wisconsin, the most comprehensive state-federal cleanup agreement in the country.

## Program Highlights

This year program staff:

- Launched an initiative to help health care facilities assess and improve their hazardous waste management.
- Helped establish a pilot pharmaceutical mail-back program in two counties.
- Assisted local waste managers and law enforcement agencies with setting up safe systems to collect unused pharmaceuticals.
- Drafted rules to improve options and lower costs for managing sediment from stormwater retention ponds used to collect runoff in subdivisions and other developments. Public hearings are planned for early 2009.
- Approved 6 new facilities to sort/process asphalt roofing shingles, bringing the statewide total to 11. In 2008, these facilities diverted over 51,000 tons from landfill disposal, to be ground and used in hot-mix asphalt and other products.
- Saw the results of several years of work with Wisconsin Department of Transportation, local foundries, utilities and construction contractors on Milwaukee's Marquette Interchange project. The project used 95,000 tons of foundry sand for fill material and 21,000 tons of fly ash in concrete and grout work resulting in significant savings and environmental benefit.
- Completed 217 compliance evaluation inspections at facilities that generate, treat, store or dispose of hazardous waste.
- Completed 324 compliance inspections at solid waste disposal and processing facilities and 168 recycling program audits and inspections at compost and material recovery facilities.
- Protected public health and the environment by pursuing the following enforcement actions:
  - 30 Enforcement Conferences
  - 45 Notices of Violation issued
  - 8 referrals to DOJ

## Bureau of Waste and Materials Management

[dnr.wi.gov/org/aw/wm/](http://dnr.wi.gov/org/aw/wm/)

**Moving toward Zero Waste; helping Wisconsin use valuable "waste" resources while promoting strong environmental and economic health.**

The Wisconsin DNR's Waste & Materials Management Program implements a comprehensive, integrated strategy for the prevention, reduction, minimization, recovery and disposal of waste materials.

We assure that adverse environmental impacts from the generation, transportation, treatment, storage and disposal of solid and hazardous wastes are prevented through plan review and licensing activities; inspection and compliance actions; and technical assistance and outreach.

Staff are also responsible for reviewing and approving local recycling programs and for providing on-going technical and marketing assistance in support of recycling efforts.

For more information, please contact Kate Cooper, Assistant to the Director, Bureau of Waste & Materials Management, [CatherineE.Cooper@wisconsin.gov](mailto:CatherineE.Cooper@wisconsin.gov), 608/267-3133 or visit our Web site: [www.dnr.wi.gov/org/aw/wm/](http://www.dnr.wi.gov/org/aw/wm/)

# Bureau of Waste and Materials Management

[dnr.wi.gov/org/aw/wm/](http://dnr.wi.gov/org/aw/wm/)

## Global Warming Task Force Recommendations Include Waste Management Policies

Five policies related to waste management were among the 63 recommendations the Governor's Task Force on Global Warming included in its final report, released in July. The Task Force set ambitious goals for reducing the state's greenhouse gas emissions, culminating in a 75 percent reduction from 2005 levels by 2050. Waste and Materials Management staff worked closely with a Task Force working group to prepare and refine the policies.

Though waste management activities contribute just 3 percent of Wisconsin's greenhouse gas emissions, they are a substantial source of potential emissions reductions that can be achieved using current technology. The recycling efforts of Wisconsin households and businesses reduced greenhouse gas emissions by the equivalent of removing more than 650,000 passenger vehicles from the road in 2007. By diverting paper, food waste, untreated wood, electronics and other materials from landfills—above and beyond current recycling efforts—Wisconsin could eliminate thousands of tons of carbon dioxide emissions each year.

### *Greenhouse gas emission reductions through 2007 recycling efforts in Wisconsin*

Category	Total tons	Emissions factor	Metric tons CO2 equivalent	Equivalent # of passenger vehicles
Glass containers	113,516	0.32	36,325	6,653
Paper	856,183	3.89	3,330,552	609,991
Steel containers	27,550	1.83	50,417	9,234
Plastic containers	32,884	1.53	50,313	9,215
Aluminum containers	8,981	13.61	122,231	22,387
<b>TOTAL</b>	<b>1,039,114</b>		<b>3,589,837</b>	<b>657,480</b>

## Waste Materials Contribute To Wisconsin's Energy Independence

As the state seeks to increase its use of renewable energy there is new attention on the untapped resource of waste materials currently being landfilled. Our program has focused on landfill gas emissions—primarily methane from decomposition of food and other organic materials—for several years. Estimates show that Wisconsin's municipal solid waste landfills have made significant improvement in landfill gas collection, with a 39 percent decrease in the estimated release of fugitive landfill gas between 2004 and 2007.

By capturing more emissions, many state landfills are not only preventing the release of greenhouse gases, but also generating energy. Wisconsin landfills collected 19.6 trillion cubic feet of gas in FY 06-07, up 900 million cubic feet from the previous year. This represents 7.4 billion BTUs of energy value after the gas is filtered to remove impurities.

Renewable energy also presents new waste management challenges. Proper disposal of crude glycerin from biofuel production is important; if it is dumped in a stream, it can kill fish and wildlife. But if it is adequately cleaned, glycerin can be sold for secondary uses. When DNR Secretary Matt Frank convened a task force on small-batch biofuel production, our staff representative focused on streamlining regulations and drafting best management practices so projects can proceed quickly and avoid environmental harm.

## Performance Measures

In 2006, the Air & Waste Division identified new, outcome-based goals and performance measures that will help us continue our drive toward becoming the most efficient and effective Air & Waste management program in the nation.

These goals and performance measures fall under the following three strategies:

**Protecting Public Health and the Environment** – The Air & Waste Division protects human health and the environment by working in partnership with citizens, communities, businesses and advocacy groups.

**Growing Wisconsin's Economy** – Our programs support innovative, non-regulatory incentives to promote environmental protection while accommodating economic growth.

**Providing Excellent Customer Service** – We are committed to providing customers quicker and easier access to the information and services they need.

**What Are Performance Measures And How Are They Used?** Performance measures are a means to evaluate and communicate progress. They are used to:

- Determine whether we are successful in achieving what we want our programs to accomplish;
- Focus our attention on the Department's mission, program purposes, and goals;
- Guide the identification and evaluation of policy priorities;
- Guide constructive teamwork by helping to define issues and problems;
- Evaluate program results to identify accomplishments and gaps, and thereby improve our ability to meet our goals;
- Guide resource allocation decisions; and
- Provide benchmarks for organizational improvement.

**How are we doing? Following is a summary of some key indicators of our performance.**

Please see our Performance Measures Web site  
<http://www.dnr.state.wi.us/environment/protect/pm/awpm.html>  
for more details on actual performance.

# 2008 Performance Measures Highlights

Following are some of the key indicators of our performance. To see our complete list of performance measures and our progress, please visit our Performance Measures Web site at:

<http://www.dnr.state.wi.us/environmentprotect/pm/awpm.html>

## *Protecting Public Health and the Environment*

**Goal: By 2012, reduce health risk due to air pollution by 50%**

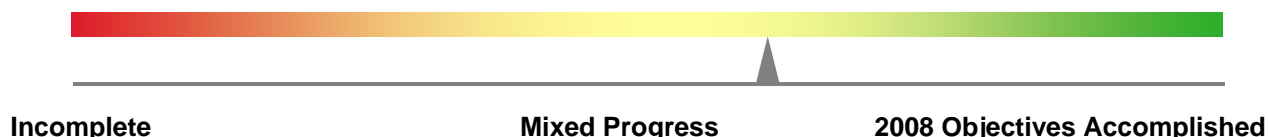
### **Environmental Outcomes**

From a 2002 base year:

- Reduce by 50% the number of deaths, hospitalizations, asthma attacks, and lost school and work days in the state associated with exposure to ground-level ozone and fine-particles.
- Reduce by 50% the cost of illness in the state associated with exposure to ground-level ozone, and fine-particles.
- Reduce by 50% the population in the state that is subjected to a cancer risk of greater than 1 in 1,000,000 due to exposure to airborne carcinogens.

### **2008 Objectives**

- By July 2008, for newly affected sources, achieve 95% compliance with the Best Available Control Technology (BACT) and Lowest Available Emission Rate technology (LAER) requirements in NR445.
- By September 2008, submit the state implementation plan (SIP) revision to implement the attainment demonstration for the 8-hour ozone standard.
- By October 2008, submit state implementation plan for PM<sub>2.5</sub> and haze.



**Goal: By 2015, 1500 Wisconsin businesses will have environmental management systems**

### **Environmental Outcome**

Improve the environmental performance of Wisconsin businesses by:

- Increasing the number of facilities enrolled in performance-based programs.
- Increasing the number and type of environmental management systems.
- Identifying additional performance metrics for superior environmental performance goals to be designed and implemented based upon advice from the Green Tier Advisors.

### **2008 Objectives**

- Accomplish a 10% annual increase in the existence of environmental management systems being used by Wisconsin businesses.



**Goal: By 2015, reduce the release of fugitive gas emissions from active Municipal Solid Waste Landfills by 50%**

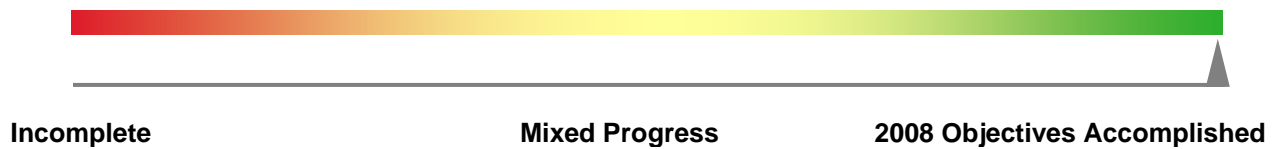
**Environmental Outcome**

Reduce the emission of greenhouse gases and other emissions from landfills by:

- Increasing the number of landfills in “substantial compliance” with requirements for landfill phase development and closure; gas system installation; active gas extraction system operation; and approved landfill gas treatment system operation.
- Decreasing the amount of fugitive gas released from landfills (from a base year of 2004) through evaluation of gas data and modeling.

**2008 Objectives**

- Develop guidance for inspections, plan review, Groundwater & Environmental Monitoring System (GEMS) data use, and how to use Field Investigator Site Tracking (FIST) to call up inspection information related to gas inspection data.
- Implement guidance, provide staff training as needed, and assess proper utilization of guidance.
- Run models of calendar year 2006 and 2007 landfill gas data for landfills in all regions and post on the web.
- Develop summary and narrative of results of landfill gas model results for calendar year 2006 and 2007 and post on web.



***Providing Excellent Customer Service***

**Goal: By 2008, 90% of facilities receiving an air permit rate the experience as good or excellent**

**Customer Service Outcome**

Increase the percentage of respondents that rate Air Management's permitting program as good or excellent in five categories: responsiveness, efficiency, timeliness, effectiveness and consistency.

**2008 Objectives**

- Issue permits within statutory deadlines.
- Know the status of permit review.
- Consistent application of requirements.
- Provide ability to submit permit applications online.
- Provide ability to start construction prior to air permit being issued to avoid undue hardship.



**Goal: Increase the public’s use of remediation & redevelopment tools**

**Customer Service Outcome**

Increase public access to:

- The location and other site-specific information regarding known contamination sites in the state.
- Site-specific information regarding sites closed with residual contamination.

**2008 Objectives**

- Geolocate 1,000 properties per year.
- Add 500 total sites to the GIS Registry per year.
- 35,000 web hits to BRRTs property module and GIS Registry of Closed Sites per year.
- 4 press articles, 3 brochures, 4 ReNews editions, 25 e-newsletters, 10 other publications, 20 web pages developed or updated per year.
- 40 green team meetings, 10 public speaking engagements, and 3 workshops per year.



***Growing Wisconsin’s Economy***

**Goal: By 2012, increase the redevelopment of brownfields in Wisconsin**

**Economic Growth Outcome**

Improve Wisconsin’s economy through clean-up of contaminated properties by:

- Completing 200 brownfields-related transactions per year (e.g. exemption and assurance letters, Certificates of Completion, grant awards).
- Annually adding at least 600 acres of property available for productive use.

**2008 Objectives**

- Issue 150 exemption and assurance letters per year.
- 20 sites enter the Voluntary Party Liability Exemption (VPLE) process; 10 VPLE sites receive Certificates of Completion per year.
- Award 45 Site Assessment Grants and 5 Greenspace Grants per year.
- Make 600 acres of property per year available for productive reuse.







## Success Stories

*In December of 2003 Wisconsin DNR's Air & Waste Division launched its regulatory improvement effort, Smart Regulation, to maintain environmental standards and protect public health while improving service. One measure of our success in implementing Smart Regulation is feedback we receive from our customers. Following is feedback received throughout 2008.*

### **Air Management's Online Permit Application & Database System**

*Barb Pavliscak, Andy Stewart*

*Air Management Program*

Last October, I attended one of the Federation of Environmental Technologists (FET) seminars in Madison. A topic I was particularly interested in were updates on the Wisconsin Air Resource Program WARP, Air Management's on-line permit application and database system. I heard Barbara Pavliscak's presentation on the *DNR's Air Permit Information Technology Improvements and Other Air Pollution Updates*, which focused on their new air permit application system. In November I contacted the department about using it for our natural gas fired peaking power plant located near Christiana, Dane County. I was set up with the proper user registration information and instructions by DNR, and submitted a simple Title V renewal operation permit application on 12/14/2008.

I found the new on-line air permits application not only the first on-line application for our Company, but the fastest and easiest re-permitting exercise I have encountered. I would encourage all who need to re-permit or obtain new operating permits to use this system.

*Larry Bardwell, EHS Manager  
Calpine*

Your presentation was very "down to earth" and easy for the lay person or new engineer to listen to and learn from. The way that you (meaning yourself and others who have been involved with you) have structured the new online application program is great for the "new comer" to the air permitting process or for those who do not spend all of their time preparing air permits... [The system] will allow new people to learn about the air permitting process and air emissions program so much faster and with a better product (both for the client and WDNR) which means a win-win for all involved. I think [the new online program] has a great future. I want to thank you for your input and efforts. It is and will be appreciated by us all.

*Dan Conway  
Conway Engineering Services*

### **Dairyland Power Cooperative Landfill Projects**

*Brian Kalvelage*

*West Central Region, Waste & Materials Management Program*

It was a pleasure working with you personally and with the Department on this landfill project. We appreciate your hard work and professionalism throughout this difficult project and look forward to working with you again in the future!

*Rob Palmberg, Director, Generation Support Services  
Dairyland Power Cooperative*

### **Support For Wisconsin Brownfields Program**

*Remediation & Redevelopment Program*

As a long-time practitioner in Brownfield Redevelopment, I can personally attest to the success the WDNR has obtained in creation of the highest quality remediation and redevelopment program in the country. Your staff has long been the front runners in solving the myriad of obstacles that confront the development of blighted and

contaminated properties in our cities, villages, and towns. Many other states have their Brownfield grants and loan programs but Wisconsin is alone in its creative use of funding, redevelopment incentives, and flexibility. Whereas many states have focused solely on the redevelopment of their state's largest cities, Wisconsin has no peers in its dedication to helping our smallest cities, villages, and towns revitalize their downtowns and restore prosperity and pride to their downtowns. Through the wise and prudent use of State and Federal Brownfield funding by the Wisconsin Department of Natural Resources, our communities, big and small, have forged important and long-lasting relationships with the State and continue to grow their tax bases and reduce blight and contamination in their downtowns.

*Scott C. Wilson, PSS  
Manager, Wisconsin Environmental Services  
Ayres Associates*

### **Turning Roofs Into Roads**

*Ken Hein, Bob Grefe, Kate Cooper, Dennis Mack  
Waste & Materials Management Program*

B.R. Amon & Sons, Inc. and Rooftop Recycling, LLC, both of Elkhorn, WI, have teamed up to become Wisconsin's first companies to recycle asphalt roofing shingles for use in asphalt pavements. Recycling the roofing material will not only keep mountains of waste out of the state's landfills, it also helps make asphalt pavements better and more economical.

"It was a pleasure working with the forward-thinking regulators who helped with the permitting and licensing of Wisconsin's first asphalt-shingle recycling program," says Mike Ettner, owner of Rooftop Recycling "In particular, Ken Hein, Bob Grefe, Kate Cooper, and Dennis Mack of the Wisconsin DNR were especially helpful, as was the Federal Environmental Protection Agency – Region 5, which provided guidance as the permit for Amon moved forward," he said.

*Excerpt from Western Builder  
October 6, 2008*

### **Contaminated Sediment Clean Up**

*John Sager  
Northern Region, Remediation & Redevelopment Program*

*John Sager received the messages below from the consultant and attorney for Lincoln Wood Products relating to the cleanup of contaminated sediments in the Wisconsin River in Merrill. The DNR project team included John Sager, Tom Aartila and Jim Grafelman in Northern Region and Jim Killian and Bill Fitzpatrick in Central Office.*

Thank you John for your email. We still have some work to do, but I wanted to make sure you and the others on the WDNR team know how much I appreciated all the help each of you provided. This portion of the project was obviously on a fast track in order to take advantage of the lowered river level, but it really took a cooperative approach between Lincoln Wood and the WDNR to see it to its completion (or close to completion at this point). Your timely review, attendance at meetings, and input was absolutely critical to the completion of the dredging work. Thanks to each of you!

*Jeff King, P.G., Hydrogeologist  
Gannett Fleming, Inc.*

Jeff's words are very well said! All of the stakeholders are very much appreciative of the WDNR's attention and consideration in this clean up...please pass along our sincere thanks to your colleagues.

*Russ Wilson  
Ruder Ware*

## **Assistance With Financial Responsibility Issues**

*Colleen Storck*

*Central Office, Waste & Materials Management Program*

I just wanted to thank you for all of your help over the holidays with Republic's financial responsibility issues—I know that you did not have to come in and very much appreciate your efforts. Having been a state employee I know many people in the private sector have a misimpression regarding state employees work ethic—your professionalism and effort are both noticed and appreciated—thanks.

*Timm P. Speerschneider  
DeWitt Ross & Stevens, S.C.*

## **Fight Asthma Milwaukee Allies – Service Award Winners**

*Peter McMullen, Jerry Medinger*

*Southeast Region, Air Management Program*

*Peter McMullen and Jerry Medinger received silver level service awards from Fight Asthma Milwaukee Allies. Silver level recognition is awarded to Fight Asthma Milwaukee Allies members that contribute between 1000 and 1499 minutes (approximately 17 to 24 hours) of time to both coalition meetings and activities.*

On behalf of the FAM Allies coalition, thank you for your generosity and commitment. Community support facilitates FAM Allies programming and outreach, assisting the coalition in working together with children and families, connecting them to caring people, reducing hospital stays, and supporting healthy lives. Together we are helping people breathe easier by increasing quality of life, decreasing emergency room visits and hospitalizations, and decreasing missed school and work days. Thank you for your commitment to helping Milwaukee's asthma community!

*Fight Asthma Milwaukee Allies*

## **EPA's Clean Diesel Initiative Lauds Jessica Lawent's leadership**

*Southeast Region, Air Management*

On November 13, 2008, the U.S. Environmental Protection Agency Region 5's Midwest Clean Diesel Initiative (MCDI) Leadership Group recognized people and organizations in government, non-profit and industry sectors that have acted to reduce diesel emissions. Jessica Lawent, air management specialist in the DNR's Southeast Region, was among those honored. Jessica received an MCDI "High Horsepower" Award for Individual Excellence for demonstrating outstanding leadership and making an appreciable difference for cleaner air in the Midwest.

Jessica has been an active participant in EPA's MCDI representing the State of Wisconsin on clean diesel efforts for many years. Over the past year, Jessica was responsible for the creation of the Wisconsin Clean Diesel Coalition (WiCDC) and for guiding this effort into a cohesive, effective multi-stakeholder group that has, as one of its goals, an ambitious target of affecting 50,000 legacy diesel engines in Wisconsin by 2010. The WiCDC is primarily focused on educational outreach and the development of funding mechanisms to accelerate emission reductions from diesel fleets.

## **Wisconsin Towns Association Meeting**

*Cyndi Thomas*

*West Central Region, Remediation & Redevelopment Program*

THANK YOU for joining us and sharing the details and benefits of your grant program at Monday night's meeting. For many of our members, your presentation revealed a new perspective on DNR programs and you were well received. Best wishes for continued success and safe travels as you navigate the state to share your message.

*Mike Pagel, Chair  
Portage County Unit  
Wisconsin Towns Association*

## **Assistance with Emission Inventory**

*Dan Meinen*

*Central Office, Air Management Program*

I wanted to drop a quick note to tell you what a pleasure it is to work with Dan Meinen of your staff. He's been helping me with emission inventory issues for about a year now and I cannot say enough good things about his responsiveness, thoroughness and professionalism.

I typically send Dan e-mails with questions or requests and he is very quick to respond. He always takes the time to explain how DNR processes work and it's apparent to me that he takes pride in his work product. Having a reliable contact like Dan makes my job so much easier.

I have told Dan that I appreciate his efforts over the past months but it would be nice if you could once again share my appreciation with him.

*Lisa Schmidt, Environmental Consultant  
Integrys Business Support, LLC*

## **Nitrate Monitoring Study**

*Air Management Program*

In cooperation with the Lake Michigan Air Directors Consortium (LADCO), the air monitoring group is performing a sophisticated nitrate monitoring study this winter. This study will help improve our understanding of the role of ammonia and meteorological conditions in the development of wintertime high fine particle episodes in Wisconsin and the Upper Midwest, as well as better understand the sources of the precursor pollutants that lead to wintertime fine particle formation. The study uses continuous instruments to measure ammonia, nitric acid, NO<sub>y</sub>, nitrate, and sulfate at Mayville in Dodge County and SER-HQ in Milwaukee. Data collection began at the end of November 2008 and will continue through March 31, 2009.

Air monitoring staff assisted with the initial study set-up, requiring the installation of trailers, equipment, and the connection of utilities. This was completed in a very short span of time and required quite a bit of effort. LADCO and its contractors are responsible for the operation of the monitors, data collection and intensive data analysis.

## **Environmental Cleanup – Bay Shore Mall**

*Michael Prager, Darsi Foss*

*Central Office, Remediation & Redevelopment Program*

Please accept this brief note as a sincere expression of appreciation for following through on the Bay Shore closing issue. It means a great deal to me and Dick Maslowski [City Administrator] of Glendale. Thanks.

*Art Harrington  
Godfrey and Kahn*

## **RadNet Air Monitor Assistance**

*Melanie Burns*

*Southeast Region, Air Management Program*

As the year draws to a close, we at the EPA's National Air Radiation Environmental Laboratory in Montgomery, AL, would like to take this opportunity to thank you for assistance with EPA's RadNet air monitor in Milwaukee.

To date, the RadNet program has expanded to include over 80 monitors. With new installations proceeding, we anticipate over 130 monitors by the middle of the upcoming year. Your help and assistance in operation of the monitor, along with collection of filters and data, make the RadNet program possible. We truly value your commitment and dedication to our program. We especially appreciate your reliable help this past year assisting with scheduled filter changing procedures.

*Ron Fraass, Director  
National Air and Radiation Environmental Laboratory*

## **Thanks For Cleanup/Remediation Information**

*Darsi Foss*

*Central Office, Remediation & Redevelopment Program*

Thanks very much for walking the Domtar Co. representatives and their environmental consultant today through the cleanup/remediation process. This Port Edwards mill project is our best hope (at least currently) of getting a real, advanced biofuels plant (cellulosic ethanol and other products) built. Thanks for answering all their questions.

*David J. Jenkins*

*Director of Commercialization and Market Development  
Office of Energy Independence*

## **Landfill Site Clean Up – Town of Wheaton**

*Dave Lundberg*

*West Central Region, Waste & Materials Management Program*

*Dave Lundberg received the following note from the Town of Wheaton chair complimenting him on his persistence and perseverance to clean up the former MRS landfill site and make it a potential saleable property.*

On behalf of the Town of Wheaton, we have been monitoring the site work as well. We (and the neighbors of the site) are pleased with the results. Our thanks to all involved - particularly to Dave Lundberg - for seeing this through. Thanks again.

*Bob Sworski, AIA*

*Chair, Town of Wheaton*

## **Remediation & Redevelopment Outreach**

*Linda Hanefeld, Terry Nolan*

*South Central Region, Remediation & Redevelopment Program*

I wanted to take a few moments to introduce myself and share a positive experience I had with both Linda Hanefeld and Terry Nolan.

I am a Property Assessor for the City of Appleton and a member of the Wisconsin Association of Assessing Officers Education Committee. As an education committee member, my responsibility is to provide continuing education credits to our membership. I contacted them back in July to see if they would be interested in putting on a presentation that covered the discovery, assessment and closure of contaminated sites. Both Linda and Terry accepted this assignment without hesitation.

Their presentation was exceptional. Linda and Terry are very professional, helpful and knowledgeable. The feedback we received from our membership was very positive. It's not too often that you hear about good experiences working in public service, so I'm happy to share this information with you.

*Matthew Tooke, Property Appraiser*

*Wisconsin Association of Assessing Officers*

## **Thanks From Howard Fire Department**

*Marcy McGrath*

*Northeast Region, Waste & Materials Management Program*

Thanks for participating in the Howard Fire Department open house on Saturday, October 4. Your displays (open burning barrel and handouts) were excellent, a good addition to our open house. Also, thanks for sharing your time and talents with the members of the Howard Fire Department and the community.

*Captain Keith Garland*

*Howard Fire Department*

## **Information Provided on Federal Brownfields Tax Credits**

*Annette Weissbach*

*Northeast Region, Remediation & Redevelopment Program*

*Below are two of many thank you emails to Annette Weissbach for information she sent regarding federal brownfields tax credits.*

Wow... thank you Annette. I will let my accountant know and that will affect some decisions that I am planning. Thank you.

*Eric J. Spirtas  
EJ Spirtas Group, LLC*

Thanks Annette! This is valuable information. I appreciate you going out of your way to bring this to my attention.

*John Schmitt*

## **Energy Conservation Assistance**

*Barb Bickford*

*Central Office, Waste & Materials Management Program*

You are a wealth of information that has been so helpful. Thank you again as I have forwarded several things to the appropriate people in our Organization. Best of all it covers hospitals and nursing homes. I am so grateful for everything you send. Thanks again.

*Gail Reichling  
Upland Hills Health*

## **Providing Professional Development**

*John Melby*

*Central Office, Air Management Program*

I would like to thank you for sponsoring my temporary duty assignment two weeks ago. My experience was extremely rewarding. In addition to sharpening my organizational understanding, I thoroughly enjoyed working with such a great team of people.

Allowing me to job-shadow took a great deal of coordination, and I appreciate your time and patience in answering my questions and finding interesting tasks for me.

Please extend my thanks and appreciation to the entire bureau, as well as to Sue [Bangert] and Al [Shea], for such a substantive temporary duty experience. Thank you again for helping to make my placement a rewarding experience.

*Michael P. Bell  
U.S. Probation Officer*

## **Mark Giesfeldt Receives National Achievement Award**

*Remediation & Redevelopment Program*

Mark Giesfeldt, PE, Director of the Bureau for Remediation and Redevelopment, has been honored with a lifetime achievement award from the Association of State and Territorial Solid Waste Management Officials (ASTSWMO). ASTSWMO is a national organization supporting the environmental agencies of the states and trust territories.

The award was presented to Mark at the organization's October 23-24 meeting in Baltimore. ASTWMO noted that Mark has been an active participant for 20 years, serving as ASTWMO's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Subcommittee chair from 1993 until 2001. CERCLA is the Superfund law. Mark was a key voice in debates on CERCLA reauthorization and many of his points were reflected in CERCLA and Brownfield amendments that became federal law in 2002.

“Mark Giesfeldt has been a continuous participant in ASTSMWO at all levels for 20 years. He has served the organization with a dedication that is unmatched; the esteem with which ASTSWMO is held is due in considerable measure to the dedication and efforts of Mark during his two decades of service.

“Anyone who has ever dealt with Mark through ASTSWMO knows him as a person of integrity, steadfastness, commonsense, and good humor. His level of commitment to ASTSWMO and the States and his visionary leadership are among the many reasons why Mark is this year’s recipient of the Lifetime Achievement Award.”

*ASTSWMO Press Release*

### **Walnut Way Harvest Day**

*Peter McMullen*

*Southeast Region, Air Management Program*

*Peter McMullen staffed a booth at the Walnut Way Harvest Day event and received this note of thanks.*

Thank you for participating in Walnut Way's Harvest Day on Saturday, October 4th 2008. Your presence at our celebration was truly appreciated. Although resident turn-out was a little low this year, I hope you had a chance to talk to neighbors & guests about all of your great programs and opportunities. Your organizations bring so much important information and resources to the community and we really appreciate your efforts to connect. We are truly grateful for your participation. Working together we can accomplish so much.

*Nicole Lightwine, Program Coordinator  
Walnut Way Conservation Corp.*

### **DNR’s Innovative Thinking And Education Saves Municipalities Dollars**

*Christine Lilek, Cynthia Moore, Deb Dix, Eric Syftestad, Sherry Otto, Dave Lundberg, Marcy McGrath  
Waste & Materials Management Program*

We, the members of the Wisconsin County Solid Waste Managers Association (WCSWMA) Executive Board, wish to extend our appreciation of and support to the Department of Natural Resources field staff and coordinators who provide so much valuable assistance to us at the local level.

We greatly appreciate and enjoy working with many staff members, like Christine Lilek, Cynthia Moore, Deb Dix, Eric Syftestad, Sherry Otto, Dave Lundberg and Marcy McGrath. These and countless other staff members are out-of-the-box thinkers who are frequently on-site assisting us with field problems. They help us resolve problems before they become regulatory issues, and the staff members regularly make themselves available by attending conferences and meetings. In other words, these people help us be the best we can be, and help us to provide high quality solid waste and recycling services to Wisconsin.

For instance, recently Christine Lilek became aware that there seemed to be limited understanding within the municipal public works sector of how “street sweepings and storm drain sediments” were to be managed. As such, Chris convened a meeting for representatives from Marathon and Portage county municipalities. Here she began the educational process on the proper solid waste management of street sweepings. Further she suggested there may be a way to beneficially reuse the sweepings, under a NR538 low hazard exemption (LHE), and reduce the amount of materials entering landfills. In the end, numerous municipalities joined together in a LHE pilot project that will divert thousands of tons of sweepings from landfills. Chris’s innovative thinking and education coordination will save participants in the program hundreds of thousands of dollars in disposal fees. In fact, the city of Wausau will realize a \$60,000-\$90,000 savings the first year!

The WCSWMA Executive Board encourages you to continue with this strategy of making DNR field staff and coordinators available, approachable and visible whenever possible. Because of the strong, positive connections developed in this fashion, we are able to work together to achieve what is best for the state of Wisconsin and its current, and most importantly, its future residents.

*Wisconsin County Solid Waste Management Association  
Executive Board Co-Chair*

## **Whiting Mill Construction Permit**

*Air Management Program*

The issuance of the air pollution control construction permit on July 14, 2008 for the Whiting Mill concludes the new source permitting efforts to support NewPage investment in the following central Wisconsin facilities: Wisconsin Rapids Mill, Biron Mill, Stevens Point Mill and the Whiting Mill. I want to thank the Department and the Air Bureau staff for their support and commitment in issuing the five air pollution control construction permits and the one permit revision in accordance with the schedule we agreed to earlier this year. We appreciate the efforts of all involved to make this happen according to schedule.

*Annabeth Reitter  
New Page Corporation*

## **2008 Wisconsin River Flood Debris Clean Up Project**

*Air & Waste Division staff who played a role in this project include: Ted Amman, Barb Palecek, Marie Stewart, Gene Mitchell, Ron Daggett, Eileen Pierce and Pat McCutcheon.*

On behalf of myself and the Living Lands & Waters crew, I wanted to personally thank you for giving us the opportunity to clean up the Wisconsin River. From the 30 plus dedicated volunteers who assisted, to the removal of over 200,000 pounds of debris, to the timeline in which the project was completed, this will undoubtedly be the most memorable experience of our 2008 season.

We recognize that an undertaking such as this involves a vast amount of time, strategic planning, organization, teamwork, skill and cooperation from a host of different agencies and individuals. Thank you so much for all you've done! From our perspective, the project couldn't have gone smoother!

Specifically, we want to thank the lead agency on the project—the Wisconsin Department of Natural Resources. The DNR's team, most notably those we worked with directly—Ted Amman, Kelly Forman, Sean Neverman, Eileen Pierce, David Woodbury and Richard Straub—are all incredible people. We feel fortunate to have worked with such a talented, professional, and fun team.

Despite the dire circumstances of the project, we are proud to have been able to, at least partly, return some normalcy to the Wisconsin River and Dells area—two of the greatest treasures in the Midwest! Best of luck in the remainder of your flood relief efforts! Thanks again for all you've done to make it happen!

*Chad Pregracke, President & Founder  
Living Lands & Waters*

## **Thanks From Dairyland Power Cooperative**

*Andy Stewart, Jeff Johnson, John Melby  
Air Management Program*

On behalf of Dairyland Power Cooperative, I am writing today to thank you for leading the way to the excellent compromise regarding the air permits for municipal utility diesel engines under NR 445.09 and for resolving our issues regarding accreditation for the capacity of these units.

You and your staff deserve much credit for listening to our concerns and working with us to develop an alternative control method, under the rule, which will benefit Wisconsin air quality and at the same time protect ratepayers at the municipal utilities under consideration as well as for Dairyland Power member-owners. This was an excellent example of your agency working with us to solve a problem in a timely and fair fashion, and we truly appreciate the cooperative and helpful spirit shown by you and your staff. Thank you!

*Brian D. Rude, Director, External Relations  
Dairyland Power Cooperative*

## **Former Tower Automotive Facility, Milwaukee**

*Pam Mylotta*

*Southeast Region, Remediation & Redevelopment Program*

It has been a pleasure working with the Department of Natural Resources regarding the redevelopment of the west side of the former Tower Automotive facility. As the project comes to completion, we wanted to thank you for all of your assistance in working with us to complete the project. Pam Mylotta was very instructive in helping the project forward to be completed successfully for both WDNR and the developer. We hope to complete more transactions and look forward to working with you and your team again.

*Samuel D. Dickman, President  
Samuel M. Dickman, Jr., Vice President  
The Dickman Company, Inc.*

## **Green Tier**

*Cooperative Environmental Assistance Program*

An interesting thing just happened at Phillips Plastics Corporation as a result of Green Tier. When we were talking to our people about our various recycling efforts after the event, we got into a great discussion of trying to recycle 100% of our plastics materials to make sure nothing goes to the landfill...guess what!...

We just made that happen in about 2 days at two of our Green Tier facilities (Phillips Medical and Phillips Medical - New Richmond). All of our odd miscellaneous plastics now have a home to be recycled. We will be challenging our other locations to do the same. Amazing what can happen when you get people rallied around a topic.

Plus, when we point back to the plaques and the flags at our facilities and we have candid discussions about what does it mean to be "Green," it rallies our people.

*Dan Andersen, CSP  
Corp. Safety, Health & Env. Manager  
Phillips Plastics Corporation*

## **Brownfields Assistance – RCH Enterprises Facility**

*Mae Willkom*

*West Central Region, Remediation & Redevelopment Program*

*The Remediation and Redevelopment program's Outreach Team was given a tour of a current brownfield site (RCH Enterprises Facility), to learn about brownfield redevelopments in central Wisconsin in conjunction with a meeting the team held in Stevens Point.*

Thank you for giving us the opportunity to tell RCH's story. As you can see, they are facing many challenges for continued operation of the facility. Although the cleanup is going to be a long and expensive process, the brownfield funding programs provide RCH a glimmer of hope. It was very nice meeting all of you...Also, thank you for the EPA training link.

*Mark A. Foht, PG, CPG  
Environmental Services Manager  
Robert E. Lee & Associates, Inc.*

## **Glatfelter Mill Redevelopment Project – City of Neenah**

*Bruce Urben, Jennifer Borski*

*Northeast Region, Remediation & Redevelopment Program*

On behalf of the City of Neenah and the Community Development Authority (CDA), I want to extend a hearty thank you and message of appreciation to the WDNR for its continued partnership and support of this project.

The Glatfelter Mill Redevelopment Site will be a model for brownfield projects across the State.

*Robert L. Buckingham, Community Development Director  
City of Neenah*

Thank you to Bruce and Jennifer for your diligence in this matter!

*William P. Scott  
Gonzalez Saggio & Harlan LLP*

*Darsi Foss  
Central Office, Remediation & Redevelopment Program*

While Bruce and Jennifer have played critical roles in the successes of the Neenah CDA's Glatfelter Mill Redevelopment Project, I know you are there, behind the scenes, providing unwavering support and direction. I have periodic contacts with you of which my client is only vaguely aware. Let there be no doubt that your contributions to this project are important and appreciated. Thank you for leading a group at DNR that responds to our society's contemporary needs in a manner that is both helpful and facilitative. There is too much to accomplish for public and private entities to interact other than in the collaborative way for which you and your group are known.

*William P. Scott  
Gonzalez Saggio & Harlan LLP*

There are many inside your agency and out to thank for what occurred yesterday and today. My client and my firm are very appreciative of all of your activities regarding this project. Others involved in the project and the community will be informed of the status and the level of cooperation...

We look forward to transforming this blighted property into a jewel of the New North; a shining example of how Wisconsin understands, plans and executes the transition from the old manufacturing economy to the new knowledge based economy, in a way which respects our heritage and protects our environment, to keep our cities vibrant, our economy thriving and our citizens glad to live in Wisconsin! Many Thanks to You All!

*William P. Scott  
Gonzalez Saggio & Harlan LLP*

### **Study Group Celebrates Wisconsin Brownfields Initiative 10<sup>th</sup> Anniversary**

*Darsi Foss, Andrew Savagian, Jessica Milz, Shelley Fox, Michael Prager, Laurie Egge  
Remediation & Redevelopment Program*

I would like to personally thank all of you for the terrific effort and hard work you put forth to make our special night such a huge success. I know that an event like that took a huge amount of time and effort to coordinate and facilitate. Without your dedication, we would not have the wonderful programs that we enjoy here in Wisconsin and certainly the September 9<sup>th</sup> event would not have been as much fun without your input.

Many sincere thanks for your efforts in organizing the party and for the day to day efforts you provide to us in the private sector.

*Scott C. Wilson, PSS  
Manager - Environmental Services  
Ayres Associates*

What a pleasure for me! To see all those who make the brownfield clean ups actually happen was great! How well I remember back to the days before the Advisory committee even! And all along you were there right from the start helping us make it all happen on the front legislative end and then there you were in the whole midst of the projects with your great staff who work so exceedingly well with our local officials and developers to make it all come together beautifully!

Know the high esteem you and your staff are held in! The Committee also is such a welcome go to group for

taking our excellent program further and further. Their expertise in working with you and others in the development of legislation is so important. Their being there to advocate and mobilize resources to help in the legislative process is also key to our successes.

*Carol Roessler  
Former State Senator*

You've accomplished so very much. Feel free to broadcast that I LOVE the SAG [DNR Brownfields Site Assessment Grant] program. It does the most with the smallest amount of money that I've ever seen for ANY state program – and I've been going to the EPA conferences for many years now. I like that SAG is a practitioner's program – allowing tank pulls and demolition. I also believe SAG has been a very effective incentive for cities and towns to wade into brownfields issues. It is a simple, straightforward and non-political application. Administration and reporting is so very manageable. If only I could get Massachusetts to start something similar!!!!

*Beverly Craig, Real Estate Consultant  
Dorchester Bay Economic Development Corp.  
Dorchester, MA*

It was a pleasure to join your celebration. I have never witnessed such a display of genuine mutual respect and affection among a group of professionals. Amazing what a collection of folks with a common passion for a very worthy common goal can accomplish together.

*James N. Mayka, P.E.  
Chief, Land Revitalization Branch  
Superfund Division  
U.S. EPA Region 5*

I just wanted to say thank you for inviting Bob [Buckingham, Neenah Community Development Director] and I to the 10<sup>th</sup> Anniversary Celebration of the Brownfield's Study Group. We enjoyed the opportunity to visit, listen to the stories of how the study group has positively impacted brownfields remediation efforts and learn more about the successful projects all across Wisconsin. Thank you for all you do to promote economic development!

*Karen Harkness, Executive Director  
Future Neenah, Inc.*

Congratulations on pulling off the 10th Anniversary 'party' the other night. Top class! You should be proud, and those of us who just had to 'show up' really appreciate it. Thank you again.

*Tom Mueller, Jr.  
The Environmental Managements Company (TEMCO)*

Jessica and all of your team at the DNR, it was a wonderful event on 40<sup>th</sup> at Foley! Many thanks.

*Mary and Ned Witte*

What a nice event! Your recognition plaque was the best. Consider me pulled back into the Brownfields Study Group.

*Sam Tobias, Planning & Parks Director  
Fond du Lac County*

It was elegant and fun (and WHAT A VIEW!!) Congratulations on the party and on the great work done by the BGS Brownfields Study Group.

*Carol McCartney*

Many kudos to you and all the R&R folks for putting on such a wonderful 10 year celebration!

*Larry Kirch  
City of La Crosse*

## **Harley Davidson Anniversary Event**

*Katie Praedel*

*Southeast Region, Air Management Program*

*Katie Praedel received the following letter in response to the special monitoring done by the Southeast Region Air Monitoring Section during the Harley Davidson Anniversary event. Katie had the lead role in this effort.*

The purpose of this letter is to thank your agency for its assistance in special event preparedness during the recent Harley Davidson 105<sup>th</sup> Anniversary Celebration in Milwaukee, WI from August 27<sup>th</sup> through 31<sup>st</sup>, 2008.

Your efforts deserve special mention. Special Agent John Klugiewicz of this office has reported your professionalism and dedication to duty. Thank you for your joint efforts in the special event preparedness for this event.

*Richard K. Ruminski, Special Agent in Charge  
Federal Bureau of Investigation  
U.S. Department of Justice*

## **Federation of Environmental Technologists, Inc.**

*Terry Evanson*

*Central Office, Remediation & Redevelopment Program*

On behalf of Bob Heitzer and the Federation of Environmental Technologists, Inc., I would like to thank you for organizing, sharing your expertise and presenting at the *Vapor Intrusion Sampling for the Environmental Professional* seminar on September 23, 2008 in Brookfield, WI. Your ability to retain Mr. McAlary definitely contributed to the success of this seminar.

Attendees rated the overall seminar as Very Good to Excellent. The attendees noted that the seminar was informative, thorough and useful. Many appreciated the knowledgeable speakers and real-life examples given during the course of the day, as it is sometimes difficult to find information on this emerging topic.

Thank you once again for your support and the generous giving of your time and knowledge to make this program a success...Glad we could partner on this!

*Barbara Hurula  
FET Executive Director*

## **Superior Water-Logged Lumber**

*Chris Saari*

*Northern Region, Remediation & Redevelopment Program*

You have been very helpful. Hope to work with you again.

*Scott Williams, Environmental Professional  
CrossPointe Consulting, Inc.*

## **Updated Air Management Web Pages**

*Air Management Program*

I appreciate your announcement about the update to your homepage and the new links. The Air Management site is quite useful and I usually can find what I'm looking for there. Nice job!

*Patrea Wilson, Chapter Coordinator  
Sierra Club-John Muir Chapter*

**Tilot Oil Site**

*Kristin DuFresne  
Northeast Region, Remediation & Redevelopment Program*

*Don Gallo, representing Tilot Oil, passed along the following note regarding Kristin DuFresne's assistance with vapor contamination emanating from the BP Amoco site in Green Bay.*

Thank you, Kristin DuFresne, for listening and considering all the factual information; your technical strength is appreciated on this complex matter.

*Don Gallo  
Reinhart Boerner Van Deuren s.c.*

**DNR Asbestos Program**

*Amy Walden  
Central Office, Air Management Program*

You are most the most professional asbestos person I have ever encountered in my short stay on this planet. Thank you for your timely assistance.

*Larry Brien*

**National Association of Clean Air Agencies Work Group**

*Roger Fritz  
Central Office, Air Management Program*

On behalf of the National Association of Clean Air Agencies (NACAA), thank you for your valuable participation on the workgroup that assisted in developing our model permit guidance entitled, *Reducing Hazardous Air Pollutants from Industrial Boilers: Model Permit Guidance*.

Your involvement in the workgroup from the fall of 2007 through the spring of 2008 called for you to take part in frequent conference calls, submit and analyze data, review spreadsheets, provide comments on draft documents, and make other valuable contributions to the process. We recognize that you took on this important work in addition to the regular responsibilities of your position within your agency.

While many of the workgroup members provided valuable assistance, we believe your tireless commitment and contributions to the process were especially noteworthy. Thank you again for your outstanding efforts in the development of a wonderful product.

*S. William Becker  
National Association of Clean Air Agencies*

**Cooperative Agreement with Appleton Parks Department**

*Jennifer Borski  
Northeast Region, Remediation & Redevelopment Program*

*Attached is an excerpt from an update on the construction of the Fox River Academy's Green Teaching Building project in Appleton, WI, thanking WDNR for allowing Appleton Parks and Recreation (APR) Department to move into the unused truck bay at the N W Mauthe building (a Superfund state lead cleanup site). APR needed to move from the historic building at Pierce Park as the conversion to a teaching building was not compatible with APR use. WDNR has a signed cooperative agreement with APR. WDNR provides the facility and utilities and APR maintains the property and provides a daily presence.*

*"...Thank you City of Appleton Park & Recreation staff for making the move and to the Wisconsin Department of Natural Resources for providing a new location for the field staff and equipment!"*

*Fox River Academy*

## **Climate Change, Our Health In The Balance**

*Peter McMullen*

*Southeast Region, Air Management Program*

The week of April 7, 2008 through April 11, 2008 as you know was designated as National Public Health Week with the national theme this year: "Climate Change, Our Health in the Balance." The Deputy Director and staff of the Southeastern Regional Office of the Wisconsin Division of Public Health, who were committed to this project, thank you for making this a successful educational week by your participation in our recognition and public information event at the Milwaukee State Office Building.

Your assistance made it possible to provide a variety of information on the scope of climate change and how small changes in our daily lives can be a first step toward improving the health of the community. We hope that your participation let you and your organization know your connectedness to the public's health.

Now that we have an understanding of some of the expertise you have, we look forward to working with you again. We are always looking to enlist our community partners.

*Robert L. Harris, Regional Director  
Southeastern Regional Office  
Division of Public Health  
Wisconsin Department of Health and Family Services*

## **Closed Remediation Site Purchase in Neenah**

*Jennifer Borski*

*Northeast Region, Remediation & Redevelopment Program*

*A thank you from Wendy Mader, owner of State Farm Insurance branch in Neenah. She recently purchased a new property for her business that was previously a remediation site and requested documentation of closure of the release from 1999.*

Thank you SO very much for sending this to me and for the warm congrats on our new place! You've been a huge help!

*Wendy Mader  
State Farm Insurance*

## **ERCO Air Modeling & Permit**

*Mike Ross, Jeff Sims – Air Management Program*

*Brad Johnson – Watershed Management Program*

*ERCO recently received permits from the Department for construction of their membrane conversion project. DNR met the construction schedule and the date we committed to for issuance.*

On Tuesday I attended ERCO's groundbreaking ceremony for their membrane conversion project. ERCO officials from Toronto were there including President Paul Timmons, and VPs Norm Christensen and Sheila Burke. In his remarks, Plant Manager Geoff Bertin expressed appreciation to DNR for our support of the project and our prompt and helpful work in processing their permits. This was very gratifying to hear, particularly before an audience including many business leaders and local officials.

In talking with Geoff after the ceremony, I learned that he managed ERCO plants in Chile and Canada before coming here last year. He told me he's never before experienced such cooperative, helpful service from a regulatory agency. Mike Ross, Brad Johnson and Tom Woletz: Great work guys - thanks & commendations!

*Scott Humrickhouse, Director  
West Central Region  
Wisconsin Department of Natural Resources*

## **EPA Highlights Two Wisconsin Brownfields Projects**

*Remediation & Redevelopment Program*

For each national brownfields conference, EPA publishes an industry-specific profile of a series of nationally prominent success stories. This year, they chose to highlight successful cleanups and reuses at former auto industry-related sites -- given the conference's location in Detroit, Michigan.

Two Wisconsin projects were highlighted this year,: National Auto Wrecking in Onalaska (Loren Brumberg & Doug Joseph) and Kenosha's Harbor Park (Pam Mylotta).

*"The partnership with the state...was very important. The willingness of DNR to look at things with a different perspective... enabled us to achieve the Harbor Park Redevelopment, one of the first brownfield redevelopments in Wisconsin."* —Kenosha Mayor Antaramian

These are a representative sample of the many great projects we assist communities on every day. A big thanks to all the folks across the state for all the little and big successes.

## **Byproducts To Be Used In Construction of Roadway**

*Bizhan Sheikholeslami*

*Southeast Region, Waste & Materials Management Program*

*Bizhan Sheikholeslami has been working with the Wisconsin Department of Transportation and is pleased to report that DOT is requiring inclusion of byproduct in the construction of I-94 from Milwaukee county to the Illinois border. Bizhan received the following comments in response to his work.*

This is an excellent development! I've copied Dr. Craig Benson and Dr. Kevin Gardner on this e-mail, as they are the co-directors of the Recycled Materials Resource Center co-housed at UW and presumably can help publicize these developments and encourage other DOT's to do the same.

Thanks for keeping us all in the loop, and for all your hard work in encouraging use of these high volume industrial materials.

*Elizabeth Olenbush, Executive Director  
Foundry Industry Recycling Starts Today*

This is a great step forward to a more sustainable transportation infrastructure. I am glad Wisconsin is taking a leadership role!

*Craig H. Benson, PhD, PE  
Chairman, Geological Engineering  
University of Wisconsin-Madison*

## **Neenah Brownfield Site**

*Darsi Foss, Bruce Urben, Jennifer Borski  
Remediation & Redevelopment Program*

I wanted to share the attached news about the "pioneer" redeveloper committed to moving into the Neenah Glatfelter Brownfields site. It is very satisfying to see such rapid private sector response to our collective conversion of blighted industrial property to prime central business district development land. The size of the building will actually be larger than announced, and the cost per square foot will be double that of the nearby Alta Resources building, just down the street, indicating the quality going into this headquarters structure. The City is fortunate to retain the jobs, bring them downtown and have a developer willing to build a truly class A space to anchor the new Brownfields redevelopment project.

Thank you all for your past and continued efforts in this regard; the process has just begun.

*William P. Scott  
Gonzalez Saggio & Harlan LLP*

## **Cortec Explosion**

*DNR employees responded to an early morning March 18 explosion at Cortec Spray Technologies in Spooner. Following are excerpts from the Spooner Advocate commending their work.*

...Anna Vignetti, Cortec vice chief executive officer and chief operations officer said she wanted to thank all the first responders who came to the aid of Cortec, its employees, and the public. "The first responders were awesome," she said. "This is small-town America with a big-town heart. I was awestruck to see how Spooner dealt with this with top notched professionals, from the fire department to law enforcement to the DNR – everyone has been very professional."

*Frank Zufall  
Spooner Advocate*

A big "thank you" to the emergency personnel and law enforcement personnel in this county. Cortec could have been much worse without your decisive, quick actions. A big 'Well done!' to all involved."

*Bill Thornley  
Spooner Advocate*

*Jim Ross, Northern Region, Waste & Materials Management Program issued approval to proceed with demolition and cleanup work after review of ash sample results. He received this note from Cortec.*

Thanks. Really appreciate everyone in this difficult situation. You have all been great to work with.

*Anna Vignetti  
Cortec Spray Technologies*

## **Coalition For Eco-Industrial Development**

*Laurel Sukup, Northern Region DNR Business Sector Specialist, contacted Bruce Lindgren as a follow-up to the Superior Days session. In his newsletter he states that he's been very pleased with the contacts and technical support.*

I was pleasantly surprised to receive a phone call from Laurel Sukup of the Wisconsin DNR office in Rhinelander. Laurel has been a reader of my eNewsletter, TGIF, for months so we have exchanged many messages. John Gozdziwski, DNR Regional Director from Rhinelander was with DNR Secretary Matt Frank when we presented in Madison during Superior Days. They passed along the CEID Business Plan to Laurel and asked her to follow-up. Laurel has been the northern region point person for the Wisconsin DNR Green Tier program. She wanted me to know that WDNR will definitely be working with CEID going forward. Laurel is very enthusiastic about CEID's mission. She is no stranger having been involved with Elkhorn Industries. Her study of alternative approaches to industrial design provides insights about the essential links between economic development and environmental values.

*Bruce Lindgren*

## **Orchard Ridge RDF**

*Jimmy Chou, Lori Fassbender  
Southeast Region, Air Management Program*

I want to first take the opportunity to thank you [Jimmy Chou] for your help in assembling the construction permit for the Waste Management of WI-Orchard Ridge RDF facility recently. We have already completed a turbine exchange under that permit, as you know, and are now in preparation for the second in June/July. We are also soliciting bids for a backup flare to utilize at our site. We couldn't be here without you and we are grateful for the expediency with which you carefully processed our request. You understood our deadlines and needs and met each one. With communication back and forth and the understanding of the guidelines and timelines we were able to meet our goals at the site. Lori Fassbender was also helpful in aiding comments that we passed on to you and her understanding of the facility has also been helpful in assembling emissions summaries and maintaining compliance at the facility. I even more appreciate the freedom you both allow in discussing air permits and regulations as I personally gain knowledge of this process.

...Thanks for taking the time to understand this process [turbine exchanges] ... Should you have a need to visit the facility at any time feel free to contact me, you are always welcome.

*Michael Melan, Site Engineer  
WMWI – Orchard Ridge RDF*

### **Air Permit System Demo**

*Barb Pavliscak  
Air Management Program*

*Barb Pavliscak recently presented a demo of the Air Management Program's new Air Permit System to the Small Business Council and received the following feedback.*

Thanks for including me in the session yesterday. It is obvious a lot of thought and work went into the preliminary materials. Many of the items I thought would help people, particularly small businesses, were obvious as you talked about the system design. I had a list of items related to cap facilities and equipment deletions. You provided the answers. Thanks.

*Timothy J. Anderson, General Manager  
Perfect Environmental Performance, LLC*

### **RiverHeath Development, Appleton**

*Jennifer Borski, Bruce Urben  
Northeast Region, Remediation & Redevelopment Program*

I'd like to take this opportunity to let you know how much we appreciate Jennifer Borski's efforts on this project. We would not be where we are today without her knowledge of the site and applicable regulations, her attention to detail, and her willingness to sit down and talk through some of the tougher issues. We also appreciate your [Bruce Urben] involvement; thanks for all of your assistance.

*Mark A. Bergeon  
Shaw Environmental & Infrastructure, Inc.*

### **Closed Landfill Investigation Assistance**

*Jason Moeller, Jessica Maloney  
Northeast Region, Remediation & Redevelopment Program*

On behalf of the towns of Dayton, Farmington and Lind, I want to thank both of you for taking the time to attend our public meeting on May 21<sup>st</sup> to help answer citizen questions regarding the Towns' investigation of their closed landfill. Your presence and input went a long way toward helping both the boards and the public understand the issues surrounding the landfill and your contributions are sincerely appreciated. Thanks again and keep up the good work.

*Ted A. Warpinski  
Friebert, Finerty & St. John, S.C.*

### **Thanks From Marathon County Landfill**

*Chris Lilek  
West Central Region, Waste & Materials Management Program*

*Chris prepared and presented a certificate of appreciation to Ron Smith from Marathon Co., recognizing his dedication to landfill gas issues at the Marathon County Landfill.*

I wanted to let you know how much your award meant to me... To know that the ultimate judge of my efforts realizes what I put into this gas system and to know that the effort made is appreciated, is what it's all about. This award is a great honor to me... Also thanks for the tremendous effort put forth on your part for Area A & B mods. You are truly a rare special individual.

*Ron Smith, Landfill Gas Technician  
Marathon County Solid Waste*

**Auto Integrity Inc.**

*Jerry Medinger  
Southeast Region, Air Management Program*

Thank you so much for being at our open house on April 18, 2008. We had over 75 people from local businesses and agencies stop by. They were all pleased to know that we have gone water-borne. We still have many changes to make but it all takes time. Just as you make a difference in the community, we hope to do the same. Keep up the good work. I look forward to working with you in the future.

*Deb Passino, Marketing Manager  
Auto Integrity Inc.*

**Thanks From Manitowoc County**

*Annette Weissbach  
Northeast Region, Remediation & Redevelopment Program*

*David Less, County Planner/Economic Development in Manitowoc county, contacted Annette Weissbach in regard to additional SAG dollars (they were next on the list of priority). Since one municipality recently turned funding back, we were able to fund Manitowoc's request.*

Just wanted to thank you again for securing the additional \$10k for this project. You have been wonderful to us, and a good friend to me. It is genuinely appreciated. Again, thanks for keeping us in your good light.

*David Less  
County Planner/Economic Development  
Manitowoc County*

**Closure Letter – Dresser Little Store/Dresser Food & Liquor, Inc.**

*Phil Richard, Northern Region, Remediation & Redevelopment Program, received the following thank you relating to closing out the Dresser Little Store property.*

Excellent. You have been a pleasure to deal with. Thank you very much. Keep up the good work.

*Robert W. Harms, Secretary  
Dresser Food & Liquor, Inc.*

**United Hospital System**

*Jerry Medinger  
Southeast Region, Air Management Program*

Thank you for attending the Pulmonary Fair on March 18 at St. Catherine's Medical Center Campus in Kenosha. I appreciate you taking time out of your busy schedule to help us provide a well-rounded event. We had a great response. I hope you will consider working with us again in the future.

*Sally Berzinsky, MS, RD  
Cardiopulmonary Rehabilitation  
United Hospital System*

**Thanks From Shaw Environmental & Infrastructure, Inc.**

*Kristin DuFresne, Northeast Region, Remediation & Redevelopment Program  
Jillian Steffes, CFA, Central Office*

Thanks for your guidance and patience. We really appreciate your help. We look forward to working with you through closure of the project. *[Dry Cleaner site clean up project in Green Bay.]*

*Mark A. Bergeon  
Shaw Environmental & Infrastructure, Inc.*

## **Thank You From Star Environmental**

*Chris Lilek*

*West Central Region, Waste & Materials Management Program*

Thank you for the home demolition information. I will review it with the party I am working with and if we have questions I will call you. This is very helpful and it was pleasant talking with you.

*Tim Zoromski  
Star Environmental, Inc.*

## **Outreach Effort With UW–Fond du Lac**

*Jennifer Easterly*

*Northeast Region, Remediation & Redevelopment Program*

*Jennie Easterly recently spoke to Shannon Davis' Human Environmental Biology class at UW–Fond du Lac about the Remediation & Redevelopment program and cleanups. She received the following notes from students in the class.*

I wanted to thank you for speaking to our class last week. I never realized how many sites WDNR was active in restoring because of hazardous contamination. It is comforting to know that there are people like you and your colleagues working to protect the public. Thank you for your message, and please continue to make our world a better place.

*Andy Del Ponte*

I was very interested in your presentation. It was intriguing to see all the contaminated sites. I know some of the places you talked about but had no idea the properties had been contaminated.

*Will*

Thank you very much for taking the time to speak to our class. I learned a lot from your presentation. I never knew there were so many programs that make up the DNR. I also didn't know that there were so many active sites being cleaned up.

*Joshua Hoyt*

Thank you so much for coming and talking to our class about the WDNR and your job. I had no idea that those types of problems were so common. I am glad that you are helping to clean up these areas.

*Zachary Marshall*

## **Renew Energy**

*Don Faith, Dave Carper, Tom Roushar, Steve Dunn, Eileen Pierce  
Air Management Program*

*Don Faith has been working very closely with Renew Energy to address their air permit needs. Dave Carper has been providing support from South Central Region. Tom Roushar and Steve Dunn have also been involved, providing guidance and support as needed. This has been a true team effort.*

AJ Wilson, Chief of Staff for Minority leader Jim Kreuser was very thankful and complimentary of the help we've been able to provide to Rep. Jorgenson on the Renew Energy issue in their district. Rep. Jorgenson expressed his pleasure to his leadership. Eileen Pierce's name was especially mentioned as being extremely helpful.

It's too often that legislators complain to their leadership about us (or any agencies) not being able to help, so it's really, really great to hear the opposite. Thank you so much for your work, and know it was appreciated.

*Amber Meyer Smith, Legislative Liaison  
Wisconsin Department of Natural Resources*

## **Small Business Assistance – Permit Primer**

*Laurel Sukup*

*Northern Region – Environmental Assistance Coordinator*

I think what the folks at Wisconsin DNR have developed/initiated with the Small Business Assistance Permit Primer is cutting edge and great! It would be a great example or model for other states to take a look at and be aware of so that they may consider doing something similar in their own states.

*Ray Marchiori, Regional Advocate, Region V  
U.S. Small Business Administration*

## **Air Permit Streamlining**

*Kristin Hart*

*South Central Region, Air Management Program*

I don't normally pass along notes like this, however, I probably should. I just wanted to provide some feedback related to one of the WDNR air staff working under your direction, Ms. Kristin Hart.

First a little background of myself so that you can better understand my perspective. I am a co-owner of a small environmental consulting firm headquartered in Green Bay. We specialize in assisting small to medium-sized industrial facilities (along with a few very large clients, 1000+ employees) navigate the myriad of environmental regulations. Most of our clients do not have the time or on-staff resources to devote toward their environmental programs, thus, they turn to us for assistance. We work in all environmental arenas including SARA reporting, hazwaste, Clean Water Act, Clean Air Act, etc. As you are probably aware, the most intimidating of these programs is the air program (especially, for smaller facilities). Also, for all of the reasons you are also probably aware, the mention of "WDNR" will cause most facility managers to break out in a profuse sweat. In the vast majority of my experience, these fears have been very exaggerated and unwarranted. This brings me to Kristin Hart.

I have had the pleasure of working with Ms. Hart on several occasions on behalf of a handful of clients which have applied for and obtained registration operation permits (ROPs). This includes numerous correspondence with Ms. Hart whenever I had specific questions regarding the program. Ms. Hart has been very prompt, courteous, and professional every time that we have exchanged e-mails or talked on the phone. It is always pleasurable to talk to her and I know that my questions/requests will be processed in an expedited manner...I couldn't be more impressed.

Ms. Hart is a perfect fit for the ROP program and great "face" to present to these smaller facilities which can sometimes be intimidated by the air program.

*Dennis C. Greil, CHMM  
Vice-President  
Bay Environmental Strategies, Inc.*

## **Electronic Air Emissions Inventory And Hazardous Waste Reporting System**

*Air Management Program*

*Ralph Patterson, John Bushman, Kim Grittner, Joe Halek, Barb Miller, Pedro Polit, Andy Stewart, Sajan Thandaserry, Steve Bogost, Cory Carter, Audrey Gantenbein, Pat Kirsop, John Meier, Dan Meinen*

Completing the Air Emissions Inventory Report has never been easier, simpler, or quicker. You've done a great job getting this to where it's something that, at least for me, can be done before lunch, rather than over a few days as it was in the recent past.

*Aaron A. Gesicki, Technical Director  
Slinger Manufacturing Company, Inc.*

The system for reporting AEI and LQG report worked very well in my experience. Thank you for the effort that

produced such a workable product.

*Peter Madden  
Plastics Engineering Company  
Manager of Environmental Technology*

The system is much easier and more efficient than last year. The revisions you made have really helped.

*David A. Melum, PG  
Environmental Compliance Specialist  
Michels Corporation*

The whole reporting period went off real well for me and that includes about 20 air and a dozen or so haz waste reports. Thanks.

*Jim Meverden  
Meverden Environmental, Inc.*

This program version of filing the air emission inventory was GREAT! I found this way easier to fill in the blanks.

*Charlene Haas  
Haas Sons, Inc.*

Nice job on the reporting system.

*Dave Bailey  
CityForest Corp.*

Just wanted to let you know that the owner of Iron River Sand & Gravel was in today to get help doing his annual inventory and he really appreciated (as did I) how much easier some of the "pre-fill" options made the entire process. The pages also loaded and saved quickly which we both noticed had improved since last year...Thanks for all the work making the system work smoother this year.

I really think the system has improved GREATLY! It is far more efficient this year. I gotta give you and the other developers an 'atta-boy!!

*Anthony (Tony) Ungerer, P.G.  
President, EHS Regulatory Affairs  
PETRA Environmental and Safety Consultants, Inc.*

### **Fond du Lac Site Redevelopment**

*Jessica Milz, Jennifer Easterly, Bruce Urben, Darsi Foss  
Remediation & Redevelopment Program*

Just wanted you to know what a great job the collective team did on this project in Fond du lac (including Jessica and Darsi). Special thanks to the very extra efforts of Bruce Urben and Jennifer Easterly; they were just great to work with on an extremely tight budget, tight time frame and very complicated project. They were a pleasure to work with and they were very much a part of making this all come together...

The result of everyone's collective efforts is a win for the community and the environment; and a very nice project result. Congratulations! The City and WDNR were extremely helpful and cooperative on this project and Brian Cummings, Michelle Williams, Ed Buc, Jim Bannantine and myself certainly want to thank each of you for your efforts! It is nice to be a part of such a successful redevelopment.

*Donald P. Gallo  
Reinhart Boerner Van Deuren s.c.*

## **Appleton Economic Development**

*Jennifer Borski, Bruce Urban*

*Northeast Region, Remediation & Redevelopment Program*

*Below are excerpts from a recent Appleton Post Crescent article on the retirement of Appleton's economic development director. DNR's Remediation and Redevelopment staff have worked extensively with Mr. Hensler and other Appleton City officials.*

Peter Hensler retires in May, eight years after taking the reins, first, as Appleton's economic development director and, two years ago, in the expanded role of community development director.

..."When you are down on the river it is exceptionally beautiful," said Hensler, a member of the Fox Valley Rowing Club and a sculling participant in the annual Badger State Games. Hensler said he is excited about plans to construct a condominium and retail project, tentatively called Riverheath, along the river's east side beneath the College Avenue bridge. The 15 acres have been the focus of an environmental cleanup project overseen by the state Department of Natural Resources.

"The state DNR has been a huge help in redevelopment along the Fox River so we can get these former industrial properties back into a positive use," he said.

## **GLRE Air Permit**

*Mike Wagner, Neal Baudhuin*

*Northern Region, Air Management Program*

Thanks for the update on how the process and timing can progress from here... It looks like we are very close to finally getting to the public comment period for the air permit. This is an exciting milestone for us to reach and I am sure you understand how anxious we are. Mike Wagner has been very good at keeping the timetable and steps out there for me to understand just as you described. He has been very helpful and has given us some very good suggestions to consider in our application as he has worked with it. Thanks again for the update.

*Herb Seeger  
Chibardun*

## **DNR Recognition – Heart Of Wisconsin Business & Economic Alliance Annual Meeting**

*Jeff Johnson, Mike Ross*

*West Central Region, Air Management Program*

On February 1, 2008 the Heart of Wisconsin Business & Economic Alliance held its annual meeting. At this meeting awards were presented to individuals and businesses. The Air Program has worked with two of the companies receiving awards.

The award for Entrepreneur/Developer of the Year went to Advanced Fiberglass Technologies. Jeff Johnson worked on the air permit for their new facility. In the company's acceptance speech, various individuals and organizations were recognized for helping with the project. The DNR was one of these organizations.

The Business of the Year Award went to Ocean Spray Cranberries. Mike Ross worked on their permit to burn landfill gas in their boilers. The DNR's efforts were recognized during Ocean Spray's grand opening.

The Air Program played an important part in the development of these Wisconsin Rapids companies.

## **Rooftop Recycling, LLC**

*Ken Hein, Bob Grefe, Dennis Mack, Kate Cooper, Amalendu Bagchi, John Melby  
Waste & Materials Management Program*

I am writing to acknowledge certain people within the Department of Natural Resources who have been instrumental in assisting me and my company with launching the first commercial recycling program for residential tear-off shingles in Wisconsin. Although we have much work ahead of us to reach our goal of recycling the estimated 300,000 to 400,000 tons of asphalt shingles that are annually generated in our state we now have a regulatory avenue and framework to assist others with recycling tear-off shingles.

As you are aware, a successful recycling program must have regulatory support and an economic interest from end-users to participate. I believe shingle recycling in Wisconsin meets both of these requirements. Last year my company secured a permit for an end user (B.R. Amon & Sons, Elkhorn, WI) to recycle approximately 3,000 tons of residential tear-off shingles in hot mix asphalt. We estimate for 2008 we will recycle an estimated 15,000 tons of tear-off shingles. We believe today's advancements in asphalt shingle processing will further develop alternative energy recovery options that currently exist in Wisconsin with regulatory support. At this time I would like to personally thank and acknowledge Ken Hein, Bob Grefe, Dennis Mack, Kate Cooper, Amalendu Bagchi, and John Melby for their assistance and support in helping us get started.

In summary, I am writing to acknowledge and thank certain members of your team who have been instrumental in providing guidance and oversight with administering the necessary regulatory approvals/controls to recycle asphalt shingles in Wisconsin. Congratulations to assembling a group of people who collectively worked together to provide my company with a course to navigate and recognize those regulatory hurdles that may have impaired our ability to move forward.

*Michael C. Ettner  
Rooftop Recycling, LLC*

## **Weston 4 Air Permit Revision**

*Steve Dunn, Ashley Gray, Joe Ancel, Tom Steidl  
Air Management Program*

Thank you very much for your efforts in revising the Weston 4 permit. My preference is always to allow adequate time to complete such critical tasks, but this turned out to be one of the exceptions. Despite having many other demands on your time, your process was efficient and effective. We sincerely appreciate your assistance and cooperation.

*Connie Lawniczak  
Integrays*

## **Oshkosh Truck Corporation Air Permit**

*Jonathan Wright, Stan Mermall, John Roth  
Air Management Program*

We received a hardcopy of the air permit in the mail this week. On behalf of Oshkosh Truck Corporation, I'd like to thank Jonathan Wright, Stan Mermall, John Roth, and others at the WDNR for the excellent customer service provided on processing this air permit. It is customer service like this that helps companies such as ours stay competitive in global markets, which helps us maintain jobs here in Wisconsin. Thanks again.

*Don Draxler, CHMM  
Director, Global Environmental Affairs  
Oshkosh Truck Corporation*

## **Appleton Coated Papers**

*Jim Zellmer, Greg Tilkens*

*Northeast Region, Waste & Materials Management Program*

Last week, myself and two other representatives from Appleton Coated met with Mr. Jim Zellmer and Mr. Greg Tilkens to discuss routine monitoring and reporting requirements for our landfills. Because of the guidance and direction that Jim and Greg provided, our path forward is now very well defined. Both gentlemen were a pleasure to work with and are fine representatives of the spirit and mission of the Department! In particular, I would like to recognize the work of Jim Zellmer and the value that he brings to us as a "customer". Jim has prepared a series of "Environmental Monitoring Summaries by Group Numbers" for our landfills. The summaries identify all of our monitoring requirements, locations, codes, categories, frequencies and parameters. It is a concise, orderly and comprehensive representation of all of our monitoring requirements. It is the best summary of these requirements that I have seen and will be a very valuable tool that I can put to immediate use. I'm sure others in the "regulated community" would find his work valuable as well. Please make sure to recognize Jim's effort and let him know how much I appreciate it!

*Scott Heinritz  
Appleton Coated Papers*

## **We Energies – Hazardous Waste Reporting**

*Heidi Jasso*

*Southeast Region, Waste & Materials Management Program*

I appreciate the excellent customer service received from Heidi during our recent hazardous waste reporting. I had questions over several days concerning the status of various sites and Heidi answered in a prompt, accurate and courteous manner.

*John Delwiche  
We Energies – Environmental*

## **Mercer Downtown Development**

*Chris Saari*

*Northern Region, Remediation & Redevelopment Program*

The Mercer Downtown Development Group wishes to express its sincere thanks for taking the time and making the effort to attend our meeting on February 12<sup>th</sup>. The information you provided in talking with us and the packets you presented are invaluable to our town's future growth. Thanks again.

*Members of the Downtown Development Group  
Mercer, WI*

## **Consultant's Day Seminar**

*Terry Nolan*

*South Central Region, Remediation & Redevelopment Program*

It was great to hear about all of the programs at once, from the program managers, and be able to make comparisons between programs to help figure out which program(s) would best fit certain sites. It is nice to see how approachable all the staff are and that they really encourage applicants to call with questions about potential projects. I think these sessions will continue to be valuable in the future, especially as programs and funding sources change over time. Thanks again.

*Tory E. Kress, P.E.  
Senior Environmental Project Coordinator  
Department of City Development  
City of Milwaukee*

**CWE, Inc.**

*Chris Lilek*

*West Central Region, Waste & Materials Management Program*

Just a note to commend you on the great little meeting you organized and presented yesterday. I thought that it was quite a good turnout, and everybody seemed very interested and involved. It is a timely topic that's going to become a big issue once sediments from storm water maintenance practices start to add up... Thanks for inviting me.

*Peter D. Arntsen, M.S., P.H.  
Environmental Projects Manager  
CWE, Inc.*

**City of Mauston**

*Loren Brumberg, David Rozeboom, Shelley Fox, Jessica Milz*

*Remediation & Redevelopment Program*

The City of Mauston will be submitting a variance request for SAG-353. The tank that was discovered (after the building collapse that took out cable and 911 to parts of the City) is a simple 500-gallon waste oil tank. Funds remaining in the SAG grant amount to about \$9,000.00 which will more than cover the cost of removing the 500-gallon tank and assessing the soil. The City would then like to use the remaining funds to cover costs associated with demolition and removal of an aboveground storage tank. The City was extremely relieved and appreciative of the WDNR's flexibility and willingness to help resolve their problems.

**LB Medwaste**

*Chris Lilek*

*West Central Region, Waste & Materials Management Program*

Thank you for following up on the Healthcare Waste situation so soon. I am impressed how you follow up on everything so well.

*Jeff Evenhouse  
LB Medwaste*

**Mobile Home Disposal Presentation**

*Pat Kirsop*

*Central Office, Air Management Program*

*Pat Kirsop received the following feedback about his presentation on Mobile Home Disposal at the 2008 Joint Winter Conference of the Associated Recyclers of Wisconsin (AROW), the Solid Waste Association of North America (SWANA) and the Wisconsin Counties Solid Waste Management Association (WCSWMA).*

Thanks again for your presentation on asbestos rules regarding structure demolition. It really helped clear things up for me and others as well! We all greatly appreciate your time and work!

*Bart Sexton, Co-Chair WCSWMA  
Oneida Co. SW Director*

**Environmental Technologists, Inc.**

*Jerry Medinger*

*Southeast Region, Air Management Program*

On behalf of the Air Committee of the Federation of Environmental Technologists, Inc., I would like to thank you sharing your expertise and your presentation at the Air Issues Update 2008 seminars on February 5, 2008 in Brookfield, WI. We at FET appreciate your participation.

Attendees rated the overall seminar as Very Good. The attendees were given a great overview and update on

Wisconsin's air program. In addition, the case studies and examples were a useful source of information for attendees to use in their daily work.

Thank you once again for your support and the generous giving of your time and knowledge to make this program a success.

*Barbara Hurula, Executive Director  
Federation of Environmental Technologists, Inc.*

### **Thanks From Chippewa County**

*Dave Lundberg, Loren Brumberg*

*West Central Region*

*Waste & Materials Management, Remediation & Redevelopment Programs*

*Dave Lundberg and Loren Brumberg provided soil cleanup assistance to Chippewa County and received the following feedback.*

You and Loren did a great job at the meeting Tuesday and addressed every concern mentioned at the meeting. Loren did as thorough and professional a job giving the history, facts and science of the issue as I've seen in a long time. You both also did a great job maintaining your demeanor when many people at the meeting were trying to have it degenerate into a mob seen... You are both a compliment to your Agency and the County is very appreciative for all the work you have put into this project and other projects in Chippewa County.

*Richard L. Kern, P.E.  
Chippewa County*

### **Assistance With Environmental Requirements for Auto Salvage**

*Lance Green*

*Central Office, Air Management Program*

*Lance Green assisted the owners of an auto salvage business, who were having difficulty delving through a maze of paperwork related to environmental requirements for their business.*

My husband and myself would like to thank you for all your help and information. It was greatly appreciated. Thank you.

*Mr. and Mrs. Roger Garrity  
Rogs and Daves Auto Salvage*

### **Oshkosh Truck Corporation**

*Kathy Sylvester, Bruce Urben*

*Northeast Region, Remediation & Redevelopment Program*

Thank you for your time spent last Thursday meeting with Sue, Vasanta, and me to discuss our North Plant and Harrison Street (Defense Plant) projects. I felt a lot of good communication was exchanged to move the projects towards closure... Again, thank you for your time.

*Don Draxler, CHMM  
Director, Global Environmental Affairs  
Oshkosh Truck Corporation*

### **Plastic Recycling Information**

*Sarah Murray*

*Central Office, Waste & Materials Management Program*

*Sarah Murray provided recycling information to a middle school student in Eau Claire for a class presentation.*

Thank you for your information and time. I received an "A+" on my speech and my teacher was very impressed. Thank you again!

*Gabe Jenson*

## **Information On Topsoil Containing Lead Arsenate**

*Mark Giesfeldt*

*Central Office, Remediation & Redevelopment Program*

I really appreciate your followup to our conversation regarding re-use of topsoil containing arsenic, particularly by the WDOT. I also think that a face to face meeting would allow for a more complete review of the subject matter and I would be willing to come to Madison. You cannot imagine my surprise when I first read your e-mail. This may mean I will have to change my perception of WDNR ... Thank you very much.

*Norb Theine*

## **Thanks From CBC Coating**

*Jennifer Borski*

*Northeast Region, Remediation & Redevelopment Program*

On behalf of CBC Coating, I want to thank you and the Department for the significant time and energy which you have devoted to this matter recently. The in-person meeting with you and Bruce Urben, and the conference call with you yesterday, have been extremely helpful!

*Michael Carlton*

*Attorney for CBC Coating, Inc.*



Wisconsin Department of Natural Resources  
PO Box 7921, Madison, WI 53707  
[dnr.wi.gov](http://dnr.wi.gov)

