

# WISCONSIN DEPARTMENT OF NATURAL RESOURCES

# AIR & WASTE DIVISION

ANNUAL

REPORT

2007

- 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

“A thing is right when it tends to preserve the integrity, stability and beauty of the biotic community. It is wrong when it tends otherwise.”

*Aldo Leopold*

*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



# **AIR & WASTE DIVISION**

## **FACTS 2007**

**Issued ethanol plant air permits in an average of 67 days from receipt of a complete application.**

**Completed cleanups at more than 470 contaminated sites.**

**Responded to 1,000 hazardous substance spills.**

**In 2007 we satisfied more than 70 requests for redevelopment assistance and helped prepare more than 2,200 acres for redevelopment. To date, the state has closed out approximately 21,700 former contaminated properties.**

**Through November 2007 more than 23 million pounds of metal, waste oil and scrap wood have been recycled from the Badger Army Ammunition Plant demolition project in Sauk County.**

**718,500 tons are reported as recycled or composted by residential recycling programs in Wisconsin annually.\* The tons of paper, bottles and cans collected went up by 2% in 2006; collection of yard waste went down by 6%.**

**The Permit Primer website averaged over 3000 visits per month.**

\* Based on 2006 data

**WISCONSIN DEPARTMENT OF NATURAL RESOURCES**

# From the Administrator

*“Character cannot be developed in ease and quiet. Only through experience of trial and suffering can the soul be strengthened, ambition inspired, and success achieved.”*

*Helen Keller*

Another year has come and gone, and I'm once again humbled by the accomplishments and progress the Air and Waste Division achieved in 2007. We have:

- Signed important new Green Tier Charters with agriculture and municipalities;
- Implemented new permitting tools for air permits;
- Continued as a national leader in brownfield clean-ups;
- Ensured our landfills are protective of the environment;
- Passed important new air pollution regulations; and
- Maintained high levels of compliance with air and waste permits.

Because of these and many other accomplishments, I believe we made great progress in meeting the goals I set for the Division last year: Protecting Public Health and the Environment; Providing Excellent Customer Service; and Growing Wisconsin's Economy.

On a more somber note, I used the above quote because it seemed particularly apropos in light of the fiscal crisis the Department, and all of state government, is facing right now. It offers words of encouragement and reminds us it is in the tough times that leadership is needed most, and where great leaders emerge. I believe we have outstanding leadership throughout the Division, and that leadership will certainly be tested as we face the fiscal constraints that will continue throughout this year and next. In 2008, I ask you to continue your excellence and the dedication to the mission that distinguishes the Department as among the best natural resource agencies in the country.

Thanks for your great work in 2007 and I look forward to working with you for a successful 2008!



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

### Registration Permits

- Both Type A (general) and Type B (printing) permits are available online.
- Now cover over 140 facilities, exceeding the air program's initial goal of 100 for 2007 by 40%.
- 100% of decisions are made within the required 15-day timeframe.

**Annual Air Emissions Reporting** moved to the web with over 2,000 facilities submitting their annual air emissions inventory in 2007.

- Eliminates the need for companies to install DNR software on their computers.
- Registered over 6,000 users.
- Video tutorials available to help users.

**Global Warming** – Governor Doyle's Global Warming Task Force held its first meeting on May 7, 2007 and will continue to meet through the first half of 2008. An interim report was released in February, 2008.

**Real time permit tracking** is now available online. Key milestones related to permit processing are displayed on an application-by-application basis.

- Allows users to easily search for new permit application or existing permit.
- Provides staff contact information.
- Links to permit documents.

**Air Program Knowledge Base** to organize and manage policy, procedural and technical guidance material related to air permitting, compliance and emissions inventory is finished and is being populated with hundreds of informational items.

- Easy to search by topic and key words.
- Allows users to view or save information.
- Contains links to related material.
- Available on-line to staff in 2007.
- Will be available to public in 2008.

**The new integrated air program system project is scheduled to be completed summer 2008.**

**General Permits** – Developed 15 general operation and 15 general permits.

**Expanded air quality watch and advisory program** to issue air quality messages when concentrations of fine particles or ozone or both reach unhealthy levels for sensitive groups.

## Bureau of Air Management

[www.dnr.wi.gov/air/](http://www.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 Kevin Kessler, Director, Bureau of Air Management, [kevin.kessler@wisconsin.gov](mailto:kevin.kessler@wisconsin.gov), 608/266-5207, or visit our Web site: [www.dnr.wi.gov/air/](http://www.dnr.wi.gov/air/)

# Bureau of Air Management

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

## Air Program Compliance Activity Realignment: Benefits, Challenges

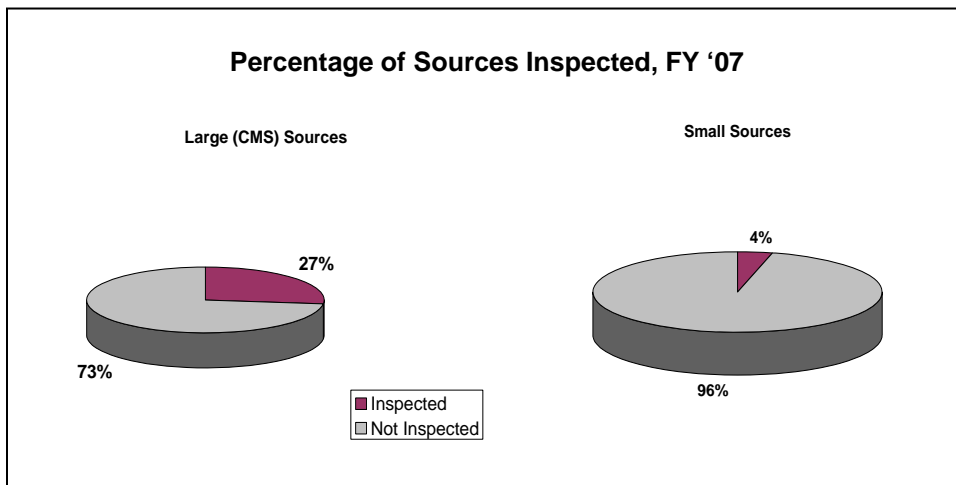
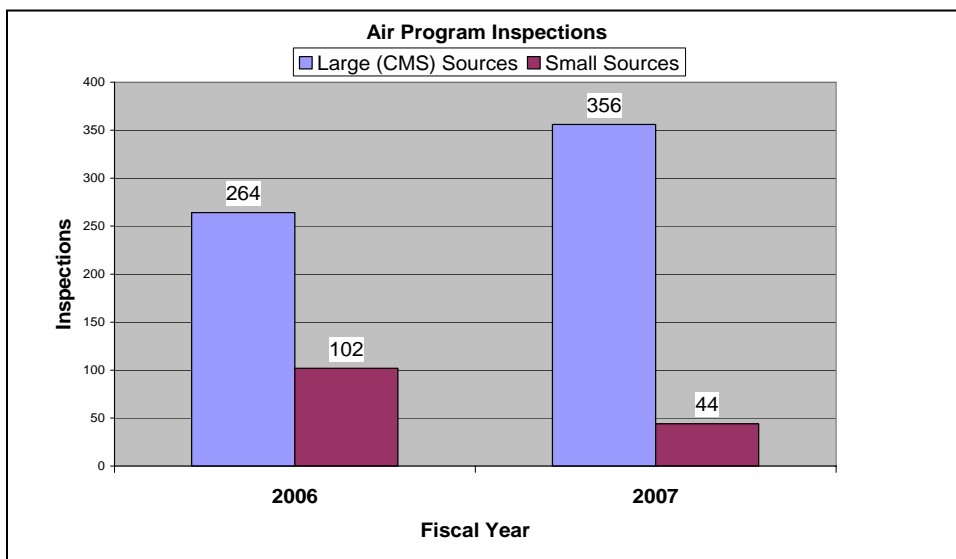
Over the past few fiscal years, the Air Program has adjusted the amount of its compliance activity for various types of sources to match available funding. Proportionately less funding is available for small sources. There have been benefits, but there are also challenges.

### Benefits:

- The number of inspections has increased at large sources affected by the EPA Compliance Monitoring Strategy (CMS) policy (about 1330 sources statewide);
- The Air Program should meet EPA required inspection frequencies for CMS sources by FY '09.

### Challenges:

- Limited funding has decreased compliance activity at small sources (about 1070 statewide);
- Inspection data (2003–2007) shows small sources are just as likely to have non-compliance issues as large sources (small sources 25% non-compliant, large sources 23% non-compliant);
- Small sources can cause significant health and environmental impacts (e.g. hazardous air pollutant emissions from a small source in a large, densely populated city).



## Program Highlights

**Green Tier** issued its first biennial progress report this year. The program continues to enroll new entities and encourage its participants to achieve environmental results beyond minimal regulatory compliance requirements. Current participation:

- Charters – 4 established & 1 applicant
- ECPP – 6 participants
- Tier 2 – 2 participants
- Tier 1 – 19 participants & 5 applicants

**Environmental Compliance Audit Program** – Three facilities submitted audit reports this year, with all minor violations corrected within the 90 day grace period. A total of six companies (representing eight facilities) have participated since the law was enacted. In addition, a pilot was completed with Wisconsin DNR Environmental Results Program for Printers. This pilot used the authority under the Environmental Improvement Program to provide a safe harbor to self-certify a facility's compliance with environmental laws. Over 30 companies participated in the program.

**State Innovation Grant** – DNR was awarded a new \$275,000 grant from EPA to help dairy farmers and dairy processors understand and implement Environmental Management Systems so they can participate in Green Tier. Contractors will be hired to deliver EMS training and technical assistance to the dairy sector in 2008 and 2009.

**Municipal Mercury Reduction Programs** – The number of Wisconsin municipalities implementing "mercury pollutant minimization programs" doubled from nine in 2006 to eighteen in 2007 using the Municipal Mercury Guidance Manual developed by CEA staff. The number should double again in 2008 and may triple with the implementation of an anticipated Green Tier Charter targeting mercury reduction activities at mid-sized Wisconsin communities. While too soon to show trends in 2007, data in 2008 should begin to show reductions in the release of mercury to Wisconsin's environment from this program.

## Bureau of Cooperative Environmental Assistance

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

*Making your business the most powerful force for environmental good.*

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

- Build programs that go beyond the minimal regulatory compliance requirements.
- Build relationships to achieve superior environmental results and also yield economic gains.
- Identify environmental issues and problems that typically have been addressed through regulatory strategies, yet for which non-regulatory approaches can achieve comparable environmental improvements.

This Bureau advances environmental protection by promoting innovative, non-regulatory approaches and by providing cross-media, technical and compliance assistance to businesses and specific business sectors. It manages the Environmental Cooperation Pilot Program and Green Tier.

For more information, please contact Mark McDermid, Director, Bureau of Cooperative Environmental Assistance, [mark.mcdermid@wisconsin.gov](mailto:mark.mcdermid@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

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

**Auto and Scrap Recycling Mercury Collection Update** – In 2006, EPA and eight organizations – representing states, nongovernmental organizations, steelmakers, vehicle manufacturers, automobile recyclers, and scrap metal recyclers – launched a program to recover mercury-containing light switches from end-of-life vehicles manufactured prior to 2002 before they are dismantled, crushed, shredded and melted to make new steel. CEA staff worked with the national program and Wisconsin auto and scrap recyclers to make the transition from the existing state/industry run collection program to the national program. As of December 2007, 210 Wisconsin auto and scrap recyclers are participating and have contributed 42,421 auto mercury switches, ranking them 4<sup>th</sup> highest of the 50 states in numbers collected.

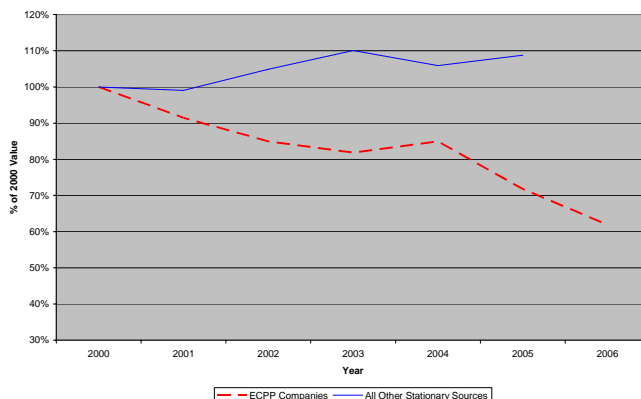
**Mercury Dental Amalgam** – "Amalgam separators" in dental offices capture for recycling the largest mercury release into municipal wastewaters. About 10% of Wisconsin's dental community had these devices installed by the end of 2007 with many additional installations scheduled for 2008. A pilot program subsidizing separator installation by dental offices in the Lower Fox River Valley, funded by the Great Lakes Protection Fund, runs through June of 2008. Data showing the positive impact of these devices on mercury levels in municipal wastewater plants should be available by the end of 2008.

**CEA and Waste Program Outreach to Auto and Scrap Recyclers** – In October 2007 at the request of the Auto Recyclers Cooperative Compliance Program (CCP), Waste Management and CEA Program staff from around the state participated in six CCP training sessions, presenting information on management of certain solid and hazardous wastes recovered during the practice of properly dismantling vehicles, spills reporting, and open burning. Over 180 auto and scrap recyclers participated in the training sessions. Other CCP Groups have since requested the presentation at future training events.

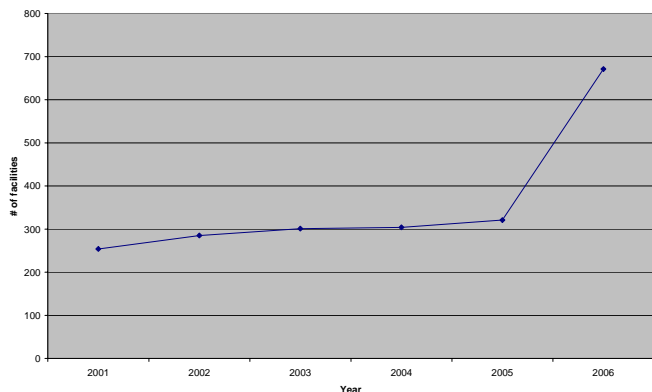
## Environmental Cooperation Pilot Program –

Participating companies have reduced nitrogen oxide emissions by 60%, sulfur dioxide emissions by 35%, and volatile organic compound emissions by 35% from year 2000 baseline levels. Details about the participants' environmental performance are published on the web at <http://dnr.wi.gov/org/caer/cea/ecpp/p2/index.htm>.

SO2 Emission Trends



Reporting Facilities with an Environmental Management System



**Environmental Management Systems** – Wisconsin experienced the largest single year growth in the presence of environmental management systems since the Department began tracking in 2001. Management systems use grew by 109% from 2005 to 2006 for facilities annually reporting emissions to DNR. Of the roughly 3000 firms within the pool, the number reporting that they have management systems is now 23% of that pool. While not a majority, the firms with management systems now represent a consequential number of firms that are systematically managing environmental performance. The pattern of growth is consistent with international trends (approximately 24% for the same period) but the rate of growth is well ahead of national and international trends.

## Program Highlights

- **Cleanup & Redevelopment** – Completed cleanups at more than 470 contaminated sites and responded to 1,000 hazardous substance spills; satisfied more than 70 requests for redevelopment assistance and helped prepare more than 2,200 acres for redevelopment. To date, the state has closed out approximately 21,700 former contaminated properties.
- **Trolley Square, Appleton** – The Redevelopment Authority used a \$120,000 DNR Brownfields Site Assessment Grant (SAG) to investigate this former industrial property at 619 S. Olde Oneida St., and received local government and voluntary party liability exemptions. Today Trolley Square houses a restaurant, wine store, banquet and catering business, riverwalk and outdoor dining area.
- **Crawford County Administrative Center & Technical College, Prairie Du Chien** – Thanks to RR staff and the voluntary party liability exemption, city officials cleaned up a former 3M Sponge Plant in this western Wisconsin community, paving the way for a new building and facility for the Wisconsin Technical College.
- **RiverBend Place, LLC, Milwaukee** – Formerly known as the Brewery Works properties, the site contained grain storage and bulk petroleum tanks. The Wisconsin Department of Commerce awarded a \$300,000 brownfield grant to help with cleanup and today the redevelopment houses the new corporate headquarters for Manpower International, a riverwalk and a new parking structure.
- **Northern Region RR Program** – Staff completed a review of 827 historic solid waste disposal sites in Wisconsin's eighteen northern counties to determine any follow-up remediation action; staff discovered 87 new sites and determined that 220 could be removed from the list or archived; site location data was shared with county officials and other DNR programs.
- **South Central Region RR Program** – Cuba City officials utilized the local government liability exemption and brownfield funds to clean up an abandoned gasoline plant and add the property to their city park. Janesville used the liability exemption along with federal and state funds to clean up a former electroplating facility for private sale. Baraboo used the exemption and condemnation to acquire the former Martin Berning bulk facility, and plans to expand their public works facility.

## Bureau for Remediation and Redevelopment

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

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

The Remediation and Redevelopment 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 environmental repair law, the abandoned container law, the hazardous substance spills law, the federal Superfund law, the state land recycling law and Resource Conservation and Recovery Act corrective action or closure authorities.

The program is also responsible for cleanups at closed solid waste landfills or other solid waste facilities, contaminated sediment sites and closed wastewater facilities.

The program promotes the return of contaminated properties to beneficial use by relying on private-sector incentives to the extent feasible and by overseeing cleanup activities, assuring the uniform application of cleanup rules and administering funds for direct state cleanups.

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

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

## RR Program Launches Brownfields Insurance Program

One of the first of its kind in the nation, the Wisconsin Brownfields Insurance Program (WBIP) is designed to help protect against unknown environmental liability and to help ensure successful redevelopment projects, particularly for medium-to-small sized brownfields. The WBIP was recommended by the Brownfields Study Group, an advisory task force created in 1998 by the State Legislature.

## RR Program Captures State & Federal Funds For Cleanup & Redevelopment

- **State Funds** – Awarded \$1.7 million in DNR Brownfield Site Assessment (SAG) grants to 30 Wisconsin municipalities – including 26 rural communities – and provided \$1.8 million in state-funded cleanup assistance at 62 sites where there was no known or willing responsible party.
- **Federal Funds** – Received a second grant of \$400,000 in U.S. EPA brownfields site assessment funds for the 30<sup>th</sup> Street Corridor in Milwaukee, and awarded \$1.52 million in Ready For Reuse brownfield grants and loans to six communities in 2007.

## RR Program Outreach Innovations

- Developed and implemented the Spills Electronic Reporting Tracking Systems (SERTS) to improve the accuracy and timeliness of reporting spill information to the public. This new system allows for the completion of electronic spill forms, instant sharing of spills data among responders, and the upload of information to our on-line database, *BRRTS on the Web*.
- Improved and enhanced the *RR Sites Map*, the Program's on-line mapping tool that utilizes a Geographic Information System (GIS) to present contaminated property data to the public.
- Launched a new web page for successful redevelopment projects. The page includes more than 40 redevelopment success stories from around the state, with "before" and "after" photographs of the properties and a listing of financial, liability and technical assistance from a variety of state and federal resources.
- Launched the Contaminated Lands Environmental Action Network (CLEAN), the RR Program's on-line system of inter-linked databases, with comprehensive information about contaminated properties and other activities. The network includes *BRRTS on the Web*, our database listing thousands of contaminated property activities, and the *RR Sites Map*, the Program's web-based mapping system.

## 2007 Annual Report Project – Auditing Institutional Controls

The RR Program is in the fourth year of conducting audits of sites that have been closed with land use controls – often called "institutional" controls. Beginning in June of 2006, the DNR stopped using environmental deed restrictions to establish land use controls. Instead, the program defines a land use control in the state's standard cleanup approval letter and makes the letter available to the public via our on-line GIS Registry.

In response to concerns about long-term maintenance, the RR Program in 2003 began auditing the status of land use controls. Audits evaluate property owners' compliance with the conditions established at the time of cleanup approval in order to ensure that the required controls – such as pavement over a contaminated area – are maintained over the long term. An audit includes a review of the state's file on the cleanup, an interview with the site owner, a visit to the property and a written summary of results. Program staff use our database to track the number of audits we have completed and to note follow-up actions.

Of the 45 sites inspected in this reporting period, 42 (93%) were in good condition and in compliance with the requirements of cleanup and case closure approvals. Three of the audits will require follow-up action by the responsible party and/or RR Program staff. The follow-up will include:

- 1) issuing a final closure letter with a land use control for a site where no deed restriction was recorded by the responsible party;
- 2) assuring that a responsible party installs an asphalt cap that was not in place at the time of the audit; and
- 3) re-visiting a site that has been re-zoned for "multi-family" use and has a "For Sale" sign.

Staff time spent on the audits ranged from 14 to 28 hours per audit, with an average of about 16.5 hours per audit. The RR Program goal is to complete 50 additional audits in the next reporting period.

## Program Highlights

### **Streamlined Procedures and Policies**

This year program staff:

- Revised hazardous waste manifest requirements to simplify the paperwork businesses need to properly dispose of their hazardous materials.
- Provided a consistent message statewide on the household waste that property owners may not dispose of on their land under state law. The policy clarification noted that demolished structures and demolition materials may not be buried on site and must be transported to an approved solid or hazardous waste processing or disposal facility.
- Provided updated information to landfill operators and mobile home dismantlers on the proper handling of mobile homes that may contain asbestos, to protect the environment and human health.

### **Completed 213 Compliance Evaluation Inspections**

at facilities that generate, treat, store or dispose of hazardous waste.

### **Hazardous Waste Enforcement Actions**

- Issued 94 Notices of Non-Compliance
- Issued 9 Notices of Violation
- Referred 4 criminal cases to WI Department of Justice

### **ISO 14001 Audit**

In 2007, a surveillance audit of our Environmental Management System (EMS) was conducted. The third party auditor met with landfill managers and local government officials to solicit feedback. The auditor was impressed with the work that DNR's Waste & Materials Program does with public and private stakeholders in the hazardous and solid waste programs. *(In 2003 we became the first state regulatory program in the United States to achieve certification under International Standards Organization (ISO) 14001.)*

### **Asphalt Shingle Recycling**

The program approved three new facilities to process asphalt shingles, including one hot-mix asphalt facility now approved to process and use ground shingles in asphalt products. The state's capacity to process shingles for recycling increased from about 5,000 tons to 35,000 tons a year.

## **Bureau of Waste and Materials Management**

[www.dnr.wi.gov/org/aw/wm/](http://www.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 Suzanne Bangert, Director, Bureau of Waste & Materials Management, [suzanne.bangert@wisconsin.gov](mailto:suzanne.bangert@wisconsin.gov), 608/266-0014, 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

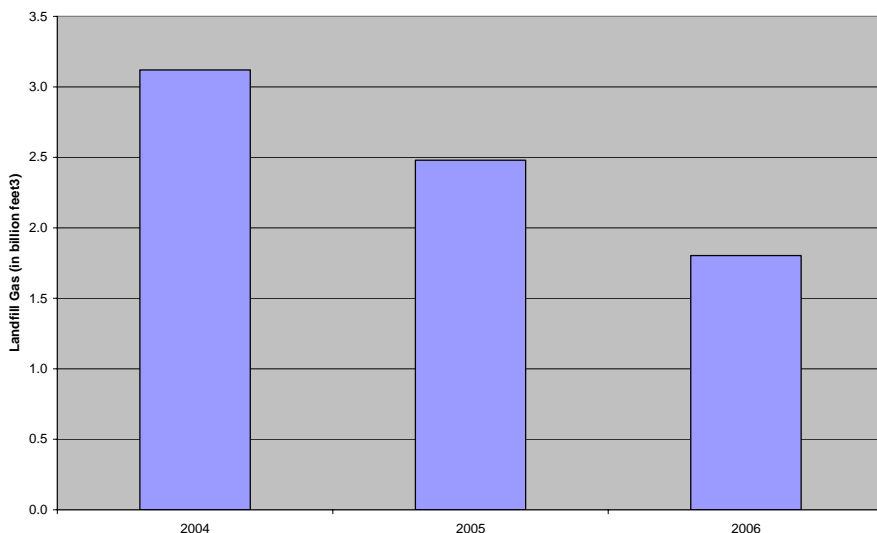
www.dnr.wi.gov/org/aw/wm/

## Wisconsin Landfill Gas Emissions Continue to Decline

For the second year in a row, estimates indicate that municipal solid waste (MSW) landfills in Wisconsin have made significant improvement in gas collection effectiveness. Waste and Materials Management Program calculations show that fugitive landfill gas emissions declined by 27% in 2006 after falling by 20% in 2005. The reductions in both years exceed our initial target of 15% per year. Fugitive landfill gas emissions are receiving more attention because of global climate change. Methane, a significant component of these emissions, is a greenhouse gas 20 times more potent than carbon dioxide. Several years ago, we started a major initiative to compare measured rates of gas extraction to modeled gas emissions from Wisconsin landfills, and made the amount of gas generated and released to the atmosphere one of our primary environmental results indicators.

We believe several factors contributed to the significant emissions reductions, including: real improvement in gas extraction and treatment by landfill operators; more accurate monitoring and reporting of landfill gas extraction results; and accelerated landfill gas generation rates at larger landfills practicing leachate recirculation or accepting substantial quantities of sludges or other high-moisture-content wastes.

Estimated Fugitive Landfill Gas Emissions



In the future, we will look more closely at this last issue and may make adjustments to the model used to estimate landfill gas emissions. Nevertheless, the estimated decreases in fugitive landfill gas emissions are a marked improvement, and represent a significant effort by landfill operators.

This year program plan review staff approved the first group of plans developed by landfill operators under the Landfill Organic Stability Rule. The plans describe steps landfill operators would take to either reduce the landfilling of biodegradable materials—such as food waste and paper—through composting or other methods, or to speed up decomposition of organic

materials. The plans approved in 2007 provide a good start toward achieving our goal of having all of Wisconsin's municipal solid waste landfills implement organic stability plans by 2012.

## Reducing Waste Pharmaceuticals in the Environment

The impact of pharmaceuticals and related compounds on the environment received growing attention in 2007. These substances get into our lakes, rivers and streams in many ways, including after flushing or pouring unused or unwanted medication down the drain. Studies show that chemicals in pharmaceuticals and related products can harm wildlife—for example, by affecting animals' reproductive systems.

In response, communities and organizations have started holding pharmaceutical collection events around Wisconsin. Our program supports local collection events and provides general and technical advice to organizers. We recently updated our Web site to include a comprehensive set of pharmaceutical waste pages, with detailed information and resources for the public as well as guidance for businesses and institutions looking to reduce pharmaceutical waste and manage their waste properly.

## 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/environmentprotect/pm/awpm.html>  
for more details on actual performance.

# 2007 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%**

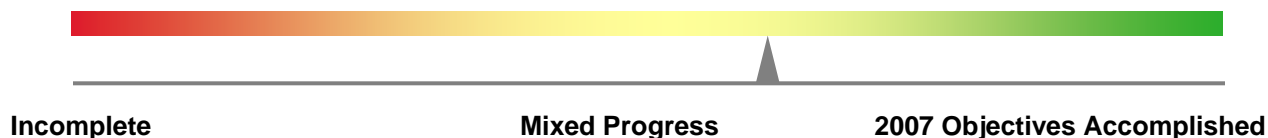
### **Environmental Outcomes**

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.

### **2007 Objectives**

- By December 2006, have baseline health data in place and establish methods for modeling and compliance.  
*Mixed results. The modeling methods have been firmly established, but the loss of key personnel and some computer programming problems have put the effort behind schedule.*
- By April 2007, submit Clean Air Interstate Rule state implementation plan package to EPA. *Complete.*
- Evaluate non-attainment status and proceed with appropriate SIP revision by September 2007.  
*There are still ozone nonattainment areas in Eastern Wisconsin. We are in the process of developing the SIP revision to address the problem.*



**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.

### 2007 Objectives

- Accomplish a 10% annual increase in the existence of environmental management systems being used by Wisconsin businesses.
- By July 1, 2007, 100% of contracts, charters and Tier 1 participants' objectives reflect direction supplied by Green Tier Advisors.



### 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.

### 2007 Objectives

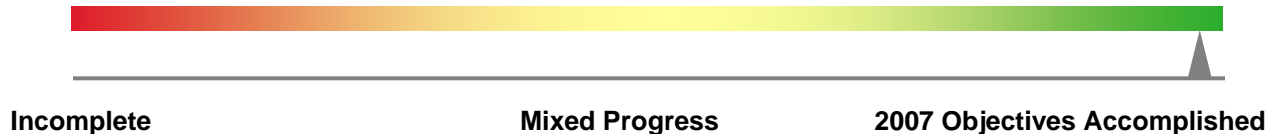
- Complete guidance document that covers:
  - How and when to perform routine and detailed landfill gas related inspections and follow up;
  - How and when to review GEMS LF gas extraction system data and to follow up;
  - How and when to coordinate with Air Management staff on inspections and GEMS data review and on follow-up actions;
  - Plan review related considerations and recommended conditions of approval; and
  - Instructions for regional managers to run reports from the FIST system in order for them to determine the status of landfills in their regions with respect to compliance with the 4 questions on the general landfill inspection form.
- 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.

*Currently working on second draft of guidance that addresses all areas listed. Completion of guidance anticipated in first quarter of calendar 2008. Model was run for all active MSW landfills for 2006.*





- 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.

### **2007 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.



**Goal: By 2015, increase waste material reuse and recycling by 30%**

### **Economic Growth Outcomes**

From a 2003 base year:

- Increase the number of tons of municipal solid waste diverted from landfills by the **residential** sector through recycling.
- Increase the number of tons of municipal solid waste diverted from landfills by the **business** sector through recycling.
- Reduce the tons of Resource Conservation & Recovery Act (RCRA) hazardous waste (HW) generated.
- Increase the tons of industrial waste reported for beneficial reuse projects.

### 2007 Objectives

- By December 2007, develop and implement long term vision of waste materials management, recycling and solid waste disposal for Wisconsin.
- Increase efficiency of Wisconsin's recycling program.
- Develop guidance and outreach materials for staff and externals to encourage an increase in appropriate recycling of electronic waste.
- By 2010, establish two partnerships to improve material recycling and reuse and one legislative effort to promote producer responsibility.
- Reduce tons of hazardous waste generated using baseline of 108,327 tons generated in 2005.
- Increase beneficial use. Develop IT system to track beneficial use data in order to more accurately track how much and what types of industrial wastes are being beneficially reused, rather than disposed of.



## 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 2007.*

### **Kudos to DNR, DATCP and Health & Family Services Agency Staff**

*Pat McCutcheon, Mark Giesfeldt, Bruce Urben, Ed Lynch  
Remediation & Redevelopment Program*

Chris Thomas [Natural Resources Board Chair],

I wanted to share a wonderful moment, perhaps testimony when state agencies work well together. As background, I'm chairing the Lead Arsenic Task Force for DATCP along with Cindy Brown, fellow DATCP board member. The task force includes about 20 citizens across the state. The task force was "stuck" last January over an apparent conflict with NR 700. In January, the task force felt any further effort was futile unless the three agencies found common ground. We simply asked the agencies to work towards ensuring the citizens were not caught between three agencies with conflicting rules. If the agencies could not come together, we were content to honestly conclude the task force.

Earlier this month, the task force met. At this point, it seems we've hit a home run. All three agencies appear delighted with the "coming together" on NR 700. As we know these things usually evolve around people who want to make things work. I want to express special kudos to DNR staff who were very open, respectful and constructive, especially Pat McCutcheon, and Mark Giesfeldt, Bruce Urben and Ed Lynch. Lori Bowman and Kathy Pielsticker from DATCP and Chuck Warzecha from Health and Family Services were the heroes from the other agencies.

Kudos are well deserved in this case to all these individuals.

*Michael R. Krutza  
Lighthouse Leadership*

I also want to thank all of you for your patience and cooperation in working with us on the Task Force and other interagency issues. I thought our last Lead Arsenate Task Force meeting went well. This was in large part due to the cooperative work efforts of the agencies, both at the Task Force meeting and the prior meetings where we discussed how the NR 700 process could apply to the orchard properties. Duane recently expressed to me his appreciation of having Pat assist in giving the presentation and that it strengthened the talk by showing the multi-agency support for the proposed approach. I know Duane enjoyed working with Pat on the presentation and other projects they have worked on together recently.

I also think Ed's presentation was right on the mark. It was concise and gave a good overview of the project. We, along with the Task Force will anxiously await the results of that project. Thanks again!

*Lori Bowman  
DATCP*

## **Outstanding Partnership Award**

On October 17, 2007, the DNR received the "Outstanding Partnership Award" for its support of WasteCap Wisconsin's work in construction and demolition debris recycling, discarded electronics recycling and food waste composting.

Secretary Matt Frank and Sue Bangert, director of the Bureau of Waste and Materials Management, accepted the award on behalf of the department during WasteCap Wisconsin's second annual R3 Awards (Reduction, Reuse and Recycling) on October 17.

In addition to helping the non-profit organization get its start and providing a liaison to its board of directors, DNR has worked with WasteCap on a number of projects to manage what otherwise would have been waste products. These projects have resulted in the recycling of more than 225 million pounds of construction and demolition debris on 40 projects in Wisconsin, saving the projects more than \$1 million in avoided landfill fees.

"The success of these initiatives demonstrates that economics and the environment can go hand in hand," commented Secretary Frank, in accepting the award. "I am glad that DNR staff has been open and receptive to working with partners like WasteCap Wisconsin to try new ways of managing waste while also ensuring that we are true to DNR's mission of protecting the environment and public health."

## **Thanks From Iowa Department Of Economic Development**

*Darsi Foss*

*Central Office, Remediation & Redevelopment Program*

Dear Secretary Frank,

I am writing this letter to thank you and your department for allowing Darsi Foss to come to her native Iowa and share the Wisconsin DNR's experiences with brownfield redevelopment with the Iowa Department of Economic Development and other state agency staff. We are beginning to realize here how important this work is and appreciate the sharing of your experienced staff with us last week. You are lucky to have such a talented advocate for brownfield redevelopment working for you.

*Vince Lintz, Deputy Director  
Iowa Department of Economic Development*

## **Town of Foster**

*Chris Lilek*

*West Central Region, Waste & Materials Management Program*

The Town of Foster recently became the first township in the state permitted by the DNR to cap off the testing wells around its old landfill.

Being the first means being on the steep edge of the learning curve. Fortunately, we had the opportunity to work with Christine Lilek as our DNR liaison. Ms. Lilek was extremely helpful in fielding our questions and making the procedure as uncomplicated as possible. She went above and beyond our expectations in helping to facilitate the capping of the wells. She was forthcoming with information and even made suggestions as to whom to contact to undertake the actual work. Without Ms. Lilek's help, the process would have been much more difficult.

Ms. Lilek can claim a lot of credit for the ease and the speed with which we were able to complete the capping of the wells according to DNR regulations. She has our appreciation and our thanks.

*Scott Ellison, Chairman  
Town of Foster*

### **Northeast Region Wins Award From Sustainable Greater Green Bay**

The Sustainable Greater Green Bay organization (Annette Weissbach is DNR's representative) sponsored a competition to encourage employees in the area to convert their home lighting to compact florescent light bulbs (CFLs). Bulbs were offered through this promotion at reduced prices. The DNR's Northeast Region received an award in the less than 250 employee category for the most CFL bulbs purchases (412 CFLs)! Annette and Roxanne Chronert put in considerable effort answering questions (Hg content, proper disposal, etc.) and keeping the effort on track.

### **Thanks From Chippewa County**

*Loren Brumberg, Dave Lundberg*

*West Central Region, Remediation & Redevelopment/Waste & Materials Management Programs*

Thank You for all your help with this [drywall supply] project. This is just a note to let you know that Chippewa County has completed closure of the burial site at the Union Pit. The area has been filled, topsoil has been added and the area has been seeded. A total of 1350 cu. yd. of material was deposited. Thank You for all your help.

*Bruce Stelzner*

*Chippewa County Highway Commissioner*

### **Assistance With Closure Letter**

*Brenda Boyce*

*Southeast Region, Remediation & Redevelopment Program*

Dear Secretary Frank,

I am writing to share with you a very positive experience I had on a recent matter with one of your many fine employees.

Our client was involved in a sales transaction with an imminent closing date. The closing got "hung up" on environmental issues. Brenda Boyce of your Waukesha Service Center agreed to review our request for closure on a "fast track" basis, was willing to meet with us on short notice, and after she was convinced that the work we had performed was satisfactory, agreed to expedite a written closure letter. All of this action on her part allowed us to conclude the transaction. Our client received outstanding service from Brenda and she was instrumental in getting the deal done.

As I stated, I know you have many fine employees, but this was truly "above and beyond the call of duty."

*John M. Van Lieshout*

*Reinhart Boerner Van Deuren, Attorneys at Law*

### **City Of Colby Hotel Demolition**

*Loren Brumberg, Cyndi Thomas, Gina Keenan*

*West Central Region, Remediation & Redevelopment Program*

Thanks for all your help on the Site Assessment Grant for the City of Colby. The City is quite pleased to have now removed this blighted, abandoned structure from their downtown area. They intend on building a new Police Station on the parcel. Out with the old, in with the new!!!

Many thanks to you for the extra effort you provided us on this project! I do hope that you share the same satisfaction that our client has on this redevelopment project as without your help and support, the City would be building a new police station on green space and this eye sore would still be standing in the downtown area of Colby. Well done team!!!

*Scott C. Wilson, PSS*

*Manager - Environmental Services*

*Ayres Associates*

## **Information On Potential Mine Site**

*Phil Fauble*

*Central Office, Waste & Materials Management Program*

Thank you for responding so quickly and thoroughly to my letter about Aquila Resources and the potential metallic sulfide mine in Menominee, MI.

...I have the greatest respect and admiration for you, for handling such an important position for the State of Wisconsin and for dealing with all types of people and egos, from governors and legislators to common people like me. Also thank you for being informed about the potential mine and taking the time to visit the site. And for providing all the information in your letter. You have been a great help in calming some of my fears.

I imagine we will be communicating in the future weeks and months, as plans for the potential mine unfold. I'm very glad you'll be "keeping an eye on activities across the border."

*Lyle Espenscheid, Emeritus Professor of Math  
UW – Marinette*

## **Baraboo Cleanup**

*Tom Bennwitz*

*South Central Region, Waste & Materials Management Program*

I saw you on TV commenting on the Baraboo cleanup effort. It brought back memories of the job you did for us in Mineral Point. I hope this project goes as well as the Roaster Pile cleanup you did for Mineral Point. The Brewery Creek area is expanding greatly. The Depot has been completely transformed. The Walker House is set to open New Years Eve. I hope you get a chance to visit the area to see for yourself. Thanks again for what you did for Mineral Point and good luck on the Baraboo cleanup.

*Mayor Gregg Bennett  
City of Mineral Point*

## **Iron County Recycling Committee Meeting**

*Sherry Otto*

*Northern Region, Waste & Materials Management Program*

*Sherry Otto attended a meeting in Hurley with the Iron County Recycling Committee to discuss yard waste management, including licensing wood burning facilities and considering alternatives.*

Thank you so much for both doing the inspections and for being at the meeting. I talked to three committee members since the meeting - Dennis, Brian Tarro, and Chuck Schroepfer. They were all so impressed with how easy you were to work with.

*Lori Prenderville  
Iron County District Attorney's Office*

## **We Energies Pleasant Prairie**

*Bizhan Sheikholeslami*

*Southeast Region, Waste & Materials Management Program*

Thanks for your efforts to bring people together for the meeting.

*Bob Meidl  
We Energies  
Environmental Department*

## **Thanks From Wisconsin Ground Water Association**

*Chris Lilek*

*West Central Region, Waste & Materials Management Program*

Thank you all so much for getting together this morning and contributing to an exceptionally interesting breakfast conversation. And special thanks to Chris Lilek, Jim, RT, the Hygiene group, and all for doing some homework ahead of time to share the excellent handouts and data. Thank you all for participating!

*Evie Fisher, P.E.  
Project Engineer  
Becher-Hoppe Associates, Inc.*

## **Glatfelter Property**

*Jennifer Borski*

*Northeast Regions, Remediation & Redevelopment Program*

Thanks for the update. I know I speak for the City as well as Bill Scott in this regard when I say we sincerely appreciate all that you've done to assist us with navigating through our difficulties with completing the work under these unusual circumstances.

*Skip Glor  
AHG Environmental*

## **Community Partners Meeting**

*Jerry Medinger*

*Southeast Region, Air Management Program*

Thank you so very much for coming to the community partners meeting at Vieau School. Programs like the Civic Leaders Program need organizations and people like you to be a success.

*Melissa Merlin  
Alverno College*

## **American Foundry Society Chapter Meeting**

*Kevin Kessler*

*Central Office, Air Management Program*

Thank you for your participation in last evening's North Eastern Wisconsin American Foundry Society Chapter meeting. Your talk had the right balance between policy and technical enviro speak. You hit a home run.

*David Borsuk  
Sadoff & Rudoy Industries, LLP*

## **Manufactured Gas Plant Workshop**

*Bruce Urban*

*Northeast Region, Remediation & Redevelopment Program*

Thank you very much for speaking at the workshop in Kimberly (Manufactured Gas Plant session). It was nice of the Department to show its support. I heard some comments from attendees about how nice it was that the utilities and the regulator could work together and share information. I hope you found the day useful.

*Mark Collins  
We Energies*

## **Job Well Done**

*Debra Smith*

*Central Office, Remediation & Redevelopment Program*

Just wanted to tell you what a pleasurable experience it has been for me to work with Debra L. Smith of your staff. I was recently in charge of running a technical conference in Kimberly. Nineteen DNR employees from various offices around the state attended the conference. I was given Debra's name by DNR staff as the person who would pay their registration fees. I understand that the Bureau of Finance is short staffed but Debra did everything in her power to get me a check in a timely manner and followed up with me several times to ensure the payment was received. I never met Debra, nor talked to her on the phone, but in all the emails we exchanged she was very customer focused and continuously tried to make it easy for me to collect the money. Please thank Debra again for me. The Department should be proud of her performance.

*Mark Collins  
We Energies*

## **Thank You From Wausau Tile**

*Chris Lilek*

*West Central Region, Waste & Materials Management Program*

On behalf of Wausau Tile, I would like to thank you for all your efforts and assistance in this matter. It is refreshing to know that there are government agencies and personnel that are willing to go the extra mile to help local Businesses and Manufacturing Facilities who are striving to meet all local, county and state requirements. Thanks again!! I can only hope your services remain available to those who need them.

*Tom Martin, Purchasing Manager  
Wausau Tile, Inc.*

## **Badger Asbestos Abatement Inc.**

*Amy Walden, Mark Davis*

*Air Management Program*

I'm very happy that I had the opportunity to meet you [Amy Walden] during your asbestos inspection training class held in Milwaukee. Now that I have removed myself from the asbestos industry in Wisconsin I can look back at my asbestos career with an unbiased perspective.

In June of 1962 I started installing the asbestos pipe insulation that our abatement industry is based upon today. Over the years I've had the opportunity to meet numerous people within our trade. Some of the individuals are memorable for many different reasons. One of the most memorable persons I've been fortunate to meet is Mark Davis.

Mark has been and continues to be a willing, enormous source of information. Mark has always made himself available to contractors, building owners, and consultants to answer questions regarding asbestos regulations, job specific situations, and recent DNR/EPA rulings.

Over the years I have had the unfortunate opportunity to work with some regulators that through either lack of experience or just plain abuse of power have gone out of their way to apply their own interpretation of the regulations to try and establish an issue of non-compliance.

Mark as a regulator has been able to walk a very "fine line" between the enforcement of the regulations and abuse of power. I have always known Mark to be an extremely honest, straightforward, and trustworthy person.

Mark's knowledge and extensive experience in the asbestos industry and his no nonsense approach to the enforcement of the regulations makes him an extremely valuable asset to the State of Wisconsin and the Department of Natural Resources.

I wish you continued success in your career and I hope that you will follow in the very large footsteps of your predecessor.

*Bob Semrad  
Badger Asbestos Abatement Inc.*

### **Turn Over A New Leaf Campaign**

*Jerry Medinger  
Southeast Region, Air Management Program*

Thank you for partnering with us on this year's Turn Over a New Leaf campaign. I think it was very beneficial to have you talk about the health and environmental impacts of leaf burning and then talk about options that people have to manage their yard debris on site. We got more PR this year than ever before, and hopefully planted some new seeds in some communities for residents to take action.

*Karen Fiedler, Solid Waste Supervisor  
Waukesha County Parks and Land Use*

### **Excellent Public Service**

*Sandy Pokriefke  
Central Office, Air Management Program*

Mr. Secretary,

Last Tuesday I had occasion to conduct some research on behalf of KPH Construction at the GEF 2 Building, 7th floor. There on the 7th floor the receptionist was most helpful, courteous and very accommodating to help me succeed in my mission. As a 15 year veteran of DOA in State Government and now on the other side as a private citizen I can say without reservation that Sandy represents what truly is a fine public servant. She does a great job representing your organization.

*Leo Talsky  
KPH Construction Corp.*

### **PH Glatfelter Property**

*Bruce Urben (Northeast Region), Darsi Foss (Central Office)  
Remediation & Redevelopment Program*

I wanted to extend our thanks to you both for taking the time to meet with us regarding the PH Glatfelter property yesterday in Madison. On behalf of Bill Scott, Jim Godlewski, Bob Buckingham and myself, we want to let you know how appreciative we are of both the time you took and, more importantly, the commitment you presented to work with Neenah to assist us in making this a successful project...We will be back in touch with both of you to continue the progress made yesterday.

*Skip Glor  
DeWitt Ross & Stevens S.C.*

### **Federal Agency Recognizes Southeast Region Air Monitoring Program**

*Melanie Herring, Katie Praedel, Jeanne Weber, Mary Mertes, Sherry Sanford, Ed Miller  
Southeast Region, Air Management Program*

Staff from the Southeast Region's (SER) Air Monitoring program recently received national recognition from the federal agency responsible for oversight of the Special Purpose Air Monitoring Program. The Field Collection team, consisting of air management specialists *Melanie Herring, Katie Praedel, Jeanne Weber* and their supervisor *Ed Miller*, was cited for "consistent excellence" in three years of field operations work and presented with an award at a national workshop in Chicago.

"I am extremely proud of this team, their dedication and hard work," said Ed Miller, environmental engineer supervisor. He noted that many other DNR employees also contribute to the success of the Milwaukee Special Purpose Air Monitoring Program, including SER chemist *Mary Mertes* and air management specialist *Sherry Sanford*, who worked on the initial setup and implementation.

## **Marathon County Landfill Monitoring**

*Christine Lilek*

*West Central Region, Waste & Materials Management Program*

Thank you so much for taking the time to review and suggest great strategies for our Long Term Care for Area A groundwater monitoring protocol... I know we all have a great deal of work pulling us in a variety of directions, but the kind of collaborative efforts in brainstorming displayed yesterday underscores how important it is to effectively communicate as we pursue our goal of environmental stewardship. Thanks again,

*Meleesa D. Johnson, Administrator  
Portage & Marathon County Solid Waste Department*

I do think we talked about most of this information yesterday, and I truly believe we are working toward a more efficient, effective, and sensible program. There were many other good ideas we discussed, as well, and we will continue to work on the many details to follow up. We look forward to a few more e-mails to clarify the numerous specifics, and communications with the area well owners and others interested.

Thank you very much for your input and suggestions. We fully appreciate your active involvement.

*Evie Fisher, P.E. , Project Engineer  
Becher-Hoppe Associates, Inc.*

## **Boiler MACT**

*Kevin Kessler*

*Central Office, Air Management Program*

In response to a lot of hard work done in a very short period of time, I want to take a moment to extend my sincere appreciation for the important role that each of you played in addressing the Boiler MACT issue. The D.C. Circuit's decision left us all scrambling for a practical solution for the dozens of Wisconsin employers affected by the vacatur of this rule. On behalf of Wisconsin Manufacturers & Commerce's member companies, I want to extend our gratitude for your leadership and prompt action in resolving Wisconsin's rule in light of the court decision. Your effort is particularly impressive given that all of this occurred during the Department's transition to a new Secretary.

Thank you again for your assistance.

*Scott Manley, Environmental Policy Director  
Wisconsin Manufacturers & Commerce*

## **Brownfields Presentation At Municipal Treasurers Conference**

*Cyndi Thomas, Dan Kolberg*

*Remediation & Redevelopment Program*

Thank you for making a great presentation at the September Wisconsin Municipal Treasurers Conference. I received many position comments about the presentations and it seems everyone learned a couple of things. We deeply appreciate you taking the time to help educate the Municipal Treasurers.

*John J Schlice, Comptroller-Treasurer  
CMTW-CMFA  
City of Stevens Point*

## **Agricultural Watershed Improvement Network**

*Amy Trostel*

*Central Office, Cooperative Environmental Assistance Program*

*CEA intern Amy Trostel conducted research to support the work of the Agricultural Watershed Improvement*

*Network (AWIN), a project of the Wisconsin Agricultural Stewardship Initiative (WASI) funded by the Joyce Foundation. She received the following feedback:*

From my perspective, Amy's contribution is excellent. Her first draft had immediate benefit to my work, and this final report will, too. For a first-time researcher of environmental or agricultural issues, Amy's work product is rather impressive. As an unpaid intern, she has created some real value.

*Douglas Johnson*

### **Badger Army Ammunition Plant**

*Tom Bennwitz*

*South Central Region, Waste & Materials Management Program*

Thank you for coming with us on the Badger Army Ammunition Plant tour yesterday. I enjoyed meeting you, asking you lots of questions about your work there, and learning from your experience and expertise. I considered my trip to the Badger Plant to be a special, unique, first in a lifetime learning experience. I could see that you have a big pride of ownership in your work on the concrete recycling project. I look forward to watching the progress on that project, and to watch what happens to the other thousands (or millions) of tons of concrete. You have years of work ahead of you related to that! And, I have seen some operating landfills, but had never seen landfill cells at this stage of construction. I look forward to touring the site again in a few years to see the changes that will take place.

It helps me do a better job when I can learn directly from people like you about the work you do. Thanks again for your time.

*Kendra Bonderud, Legislative Fiscal Analyst  
Wisconsin Legislative Fiscal Bureau*

### **Thanks From REI Engineering**

*Kevin McKnight*

*Northeast Region, Remediation & Redevelopment Program*

Thank you for the quick turnaround on the closure request and approval last week. It is appreciated by both our company (REI Engineering Inc.) and our client (Kwik Trip Inc.).

*David Larsen, Project Manager  
REI Engineering*

### **Storm Flooding Response In La Crosse County**

*Marty Herrick*

*West Central Region, Waste & Materials Management Program*

...I appreciate the responsiveness of the Department and in particular Marty Herrick in allowing us to reopen our medium sized (clay lined with leachate collection) C&D landfill due to the local disaster.

*Brian R. Tippetts, Solid Waste Director  
La Crosse County*

### **Assurance Letter – DePere/Green Bay Metropolitan Sewerage District Merger**

I just received the final signed assurance letter regarding the proposed DePere/Green Bay Metropolitan Sewerage District merger. I wanted to send this brief e-mail to you and other members of DNR's senior management (Ron Kazmierczak, Kevin Kessler and Tom Steidl) for the significant effort to meet the parties' assurance needs on this proposed merger. The level of service evidenced by the Department's issuance of a written assurance letter covering a number of program topics within such a short timetable was nothing short of remarkable.

Please accept this sincere expression of gratitude of the professionals representing the municipal entities in this transaction for the Department's efforts on this matter. I am sure there were many other Department employees who were also involved in this effort behind the scenes. I hope you will extend our appreciation to those employees as well.

I suspect you will also hear positive feedback from the clients after the votes are lodged tomorrow by the respective elective officials on this proposed merger. Thank you once again.

*Arthur J. Harrington  
Godfrey & Kahn*

### **Kudos to Recycling Staff From City Of Waukesha Parks**

*Nancy Gloe – Waste & Materials Management Program  
Amanda Prange – Customer Service & Licensing  
Southeast Region*

I wanted you to be aware that it was QUITE helpful to have DNR staff commenting on recycling in the City Parks. The Parks Director [met] with me personally to discuss how best to proceed with recycling in the city parks. Not only that, but they are "ready to do it right", and we started some excellent discussions on creating a sustainable program.

As we move forward with compliance issues, DNR involvement can definitely be one of those "extra boosts" that helps RUs make things happen!

*Meribeth Sullivan  
Waukesha County Recycling Specialist*

### **Pharmaceutical Waste Resources**

*Barb Bickford, Dennis Mack, Joanie Burns, Sue Bangert  
Central Office, Waste & Materials Management Program*

Just wanted to compliment you for a fine job at coordinating pharmaceutical collection activities for DNR and the state. Seems like something is going on at every level of government and you have been able to keep up with it and make sure that all concerned parties know what is going on. Not easy in such a busy area. Kudos to you and your fellow staff members. I will be creating a hot link to your new DNR website to make sure that anyone who comes to the Clean Sweep homepage gets back over to you folks for technical and educational assistance.

*Roger Springman  
DATCP*

### **JLF Air Permit**

*Jimmy Chou  
Southeast Region, Air Management Program*

Just wanted to say what a pleasure it is to work with Jimmy Chou. He is a real professional and always has been and is very helpful in the air permitting process.

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

### **Mercury Guide**

*Randy Case  
Central Office, Cooperative Environmental Assistance Program*

Thank you for sending me a copy of the Wisconsin Mercury Pollutant Minimization Program Guidance Manual for Municipalities... We have just reconvened our state mercury reduction task force for the second year, so the Guide's arrival was very timely. Yesterday I gave the CD version to Mary Uhl, Chief of the Air Quality Bureau of NM Environment Department, who is going to distribute it to relevant staff.

Thanks for your work on reducing mercury and sharing your efforts with us.

*Ann McCampbell  
Santa Fe*

### **ASTSWMO Solid Waste Managers Conference**

*Brian Kalvelage  
West Central Region, Waste & Materials Management Program*

On behalf of the Solid Waste Training and Technology Transfer Task Force of the Association of State and Territorial Solid Waste Management Officials (ASTSWMO), I want to express our appreciation for your participation as a speaker at the ASTSWMO State Solid Waste Managers Conference on August 13-15 in Portland, Oregon.

The feedback we received from attendees about the Conference was very positive. We appreciate the information and perspectives you provided attendees in your presentation during the construction and demolition waste management session. Your presentation contributed to the valuable exchange of experiences and ideas that the Conference was designed to achieve.

Thank you for the time and expertise you shared with us through your participation in the 2007 ASTSWMO State Solid Waste Managers Conference.

*Ralph Bohn, Chair  
Solid Waste Training Technology Transfer Task Force  
ASTSWMO Solid Waste Subcommittee*

### **2007 Natural Shoreline Expo**

*Dave Misterek  
Northeast Region, Waste & Materials Management Program*

On behalf of the Winnebago County Land & Water Conservation Department (LWCD), thank you for your participation in the 2007 Natural Shoreline Expo. The LWCD appreciates your efforts, time, and contributions in order to make the Expo a success. Your display looked great. Due to the positive response, the LWCD is planning for the 2008 Natural Shoreline Expo. The LWCD looks forward to having you at the 2008 Natural Shoreline Expo. Thank you again.

*Keith Marquardt*

### **Thanks From University Of Wisconsin**

*Loren Brumberg (West Central Region Remediation & Redevelopment Program) provided information on the Menomonie Farmers Union Co-op, a closed contamination site, and received the following:*

Thank you for your quick response and great "translation" skills.

*Kate Sullivan, Director of Facilities Planning  
University of Wisconsin System  
Capital Planning and Budget*

### **Wausau Paper Mill, Mosinee**

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

Thank you for the favorable comments during your visit. Wausau Paper does devote considerable time and resources to managing our landfill, pond and ground water monitoring network. That recognition by the Department is appreciated. Thanks again.

*Jim Pauls  
Wausau Paper*

### **Town Of Rusk Dump Site**

*Norm Dunbar*

*Northern Region, Remediation & Redevelopment Program*

Thank you very much for the aerial photograph and location of the old dump site... I have a personal interest in seeing the property "developed" for public use such as hiking, birding, etc. The property currently is not very user friendly. However, the Buck Lake Sportsman's Club is developing an archery range with multiple targets along a short trail with parking and handicap accessibility to some of the targets. Up until now I could not find anyone with specific knowledge of the exact dump site, so your help is greatly appreciated.

*Jim Barr*

### **Waste & Materials Management Program's Web Site**

*Sarah Murray (Central Office), Cynthia Moore (Central Office), Pat Chabot (Central Office), Jill Schoen (West Central Region) and Joanie Burns (Central Office)*

*Waste & Materials Management Program*

*Wisconsin residents, businesses and institutions looking for ways to recycle used electronic devices have new online resources available to help them learn more about the legal requirements and recommendations for safely managing used and discarded electronics. The Waste & Materials Management Program received this response to the new web pages:*

Your website is very impressive. It's great you have taken the initiative to assist residents in doing things properly.

*Travis J. Griggs, Business Development  
Wireless Recycling Program Director  
Intercon Solutions*

### **Thanks From Wisconsin Manufacturers & Commerce – Plywood MACT Rule**

*Kevin Kessler, Roger Fritz*

*Central Office, Air Management Program*

On behalf of each of WMC's members who are impacted by the recent D.C. Circuit Court decision that vacated the Plywood MACT rule, I want to thank you for your attentiveness and professionalism in dealing with the impact of that court case on Wisconsin companies. In particular, your timely assistance with respect to Louisiana Pacific's facility in Tomahawk is very much appreciated, and serves as an example of the high level of customer service to which the Air Bureau strives to achieve.

Thanks again to both of you for your responsiveness.

*Scott Manley, Environmental Policy Director  
Wisconsin Manufacturers & Commerce*

### **Pheasant Run Landfill In Kenosha County**

*Joe Lourigan*

*Southeast Region, Waste & Materials Management Program*

Thanks very much for the information. This will be very helpful. I think I have enough here to respond to her concerns, so no need to work on a formal response...this looks great.

*Vicky Halverson  
State Rep. Kerkman's Office*

## **Assistance With Village Of Weston Landfill Monitoring**

*Chris Lilek (West Central Region)*

*Waste & Materials Management Program*

Thanks for the references on arsenic and the monitoring reduction process. I hope that they will both be useful in the near future.

I thought our meeting on Tuesday was very productive and informative. It was good for us to have an opportunity to explain the history and conditions at the Weston landfill to you, rather than you having to pore through almost twenty years of the reports and data. Your comments and suggestions regarding a monitoring reduction request and conversion to passive venting were quite encouraging...Thanks again for taking the time to meet with us. We'll keep you posted.

*CWE, Inc.*

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

## **Rhineland Site Remediation**

*Bill Schultz –*

As the listing agent for Sandvik Corp., I have been attempting to sell the former Precision Twist Drill property in Rhineland for over three years. This has been a difficult assignment for various reasons including the size and configuration of the building, local economic considerations, and the environmental conditions and ongoing remediation on the property.

I would like to take this opportunity to thank your Remediation Engineer, Mr. Bill Schultz, for his assistance to the eventual buyer, Northern Equipment, LLC. Mr. Schultz summarized the assessment and remediation work completed to-date on the property and educated the buyer regarding the requirements of the responsible party in completing their work to the WDNR's satisfaction.

The buyer was extremely grateful to Mr. Schultz for his responsiveness, professionalism, familiarity with the property conditions and his knowledge of state and federal regulations. This allowed the buyer to assess his potential risk and move forward with the purchase.

This transaction would not have been completed without Mr. Schultz's assistance. Thank you.

*David Macdonald  
MLG Commercial*

## **Air Management Employee Receives Prestigious Health Award**

*Jeffrey Myers*, environmental toxicologist in the Bureau of Air Management, will receive the prestigious Henrik L. Blum Award for Excellence in Health Policy from the American Public Health Association Community Health Planning and Policy Development Section for his work in developing state-of-the-art tools and methods for evaluating the public health consequences of environmental contaminants, and effectively applying the work so it impacts policy.

Myers represents the department as a member of the Wisconsin Environmental Public Health Tracking (WI EPHT) program. Created in 2002, the EPHT program is a partnership between the Department of Health and Family Services and the DNR. By using an integrated, proactive approach, the two agencies are able to identify potential issues, conduct in depth studies and promote policy changes to protect human health.

Myers, working with Dan Meinen, John Roth, and many others, adapted EPA's Regional Air Impact Modeling Initiative (RAIMI) so the cutting-edge technology could be used to evaluate ambient air quality in Wisconsin. The information gathered is depicted on color-coded maps that provide a picture of cancer and non-cancer risk estimates across the state.

What makes Myers approach different is that it assesses many contaminants from many sources to provide a more comprehensive estimate of human exposure and the potential for health impacts.

Myers, who joined the DNR in 1989, will receive the Blum Award at the American Public Health Association's meeting in November.

### **Hunts Landfill, Caledonia**

*Thomas Wentland –*

Thank you for the support that Mr. Thomas Wentland provided our community. For over a decade our neighbors had discussed having a path around the Superfund site at Hunts Landfill in Caledonia, Wisconsin.

We are very pleased with Mr. Wentland's level of professionalism. We spoke on the phone numerous times over several months and he was always a pleasure to work with.

Recently he met us at the site for a tour to further discuss our plans. After our visit of the Hunts Landfill site, it appeared that our plans were not practical. He suggested and then confirmed that another area might be better suited for our plans. In all our research we thought that area was also a part of the Superfund site and it was not. He truly went above and beyond for us. Thank you again for having Mr. Thomas A. Wentland on your team. We look forward to working with him in the future.

*Terese M. Heinen*

### **Erie Pier Dredge Sediment Management Plan**

*Jim Ross –*

*On June 20, 2007, the Duluth-Superior Metropolitan Interstate Commission (MIC) approved a dredge sediment management plan to extend the life of the Corps' Erie Pier facility in Duluth. Jim Ross and Duane Lahti (Water program) invested a considerable amount of time on assisting the Corps, MPCA, and Arrowhead Planning Commission on various environmental, waste disposal and beneficial use policies. They received the following thanks.*

I'd like to let you know that we "approved" our final draft version of the Erie Pier Management Plan and finally moved it out of our sub committee and onward for Harbor Technical Advisory Committee (HTAC) consideration at the June HTAC meeting. This project has been a lot of work for all of us and I wish to **thank everyone** for their efforts! ...

I am pleased with how many of you stuck with this effort and worked together to complete the plan. We had many, many conceptual and specific discussions but everyone stuck to the task in a positive way. Everyone was open with their comments and respected the comments and views of others. I am especially proud of how the many different agencies on our sub committee have worked together to get to this point. We discussed a number of issues that were controversial but everyone stayed on task with open and frank comments to keep the dialogs open. We didn't agree on everything but we knew what was important to each group and why.

...Thanks again for all of the great work over these last several months!

*Gene R. Clark, PE  
Coastal Engineering Specialist  
UW Sea Grant Institute  
Lake Superior Field Office  
University of Wisconsin-Superior*

The MIC Policy Board approved the Erie Pier Management Plan at their monthly meeting last night. The discussion was very positive and they see the importance of reusing dredged material and extending the life of Erie Pier. I wanted to take this opportunity to thank everyone for all their hard work on the Erie Pier Management Plan.

*Andy McDonald, AICP  
Principal Planner  
Metropolitan Interstate Council  
Arrowhead Regional Development Commission*

## **Illingworth Safety Day Presentation**

*Mark Davis –*

On behalf of AI and the rest of the Safety Committee at Illingworth, we'd like to take this opportunity to THANK YOU for your participation at our Safety Day last week. It was a HUGE success and we got nothing but good comments from our employees. Thank you very much for your services!

*Denise Terrell, Accounts Payable & Risk Manager  
Illingworth Corporation - An EMCOR Company*

## **Complaint Follow Up**

*Steve Rannenber, Douglas County Zoning Administrator, asked Jim Ross to investigate a solid waste complaint in the Town of Wascott. Jim received the following thanks for prompt follow-up.*

Thank you for the prompt response to this complaint by the Town of Wascott noted in your letter dated May 29, 2007 to Mr. Hanson. As you know the common complaint from the public is that "I would complain but, nothing ever happens", well, in this case it is and pronto! Thanks again.

*Steve Rannenber  
Douglas County Zoning Administrator*

## **Thanks from Milwaukee School of Engineering**

*Andrew Savagian –*

You are the first person that we have talked to that has been helpful. In this busy world it is nice when people can help out one another just because. On behalf of the MSOE ecology club we thank you.

*Cory Powers*

## **Air Management Permits Web Page**

*The Air Management Program received very positive customer feedback on their updated Air Management Website and the Air Permits page in particular. <http://www.dnr.state.wi.us/org/aw/air/permits.html> Congratulations to everyone that contributed.*

I am a member of the Small Business Environmental Council and I am sending this e-mail to you to let you know I was extremely impressed with the work that Andy Stewart and no doubt a cast of thousands have done on updating the WDNR Air website. The tools that are available to my clients and myself on the WDNR's "Air Permits" page are invaluable. Thanks for undertaking this task.

*Michael H. Simpson  
Reinhart Boerner Van Deuren s.c.*

## **American Planning Association**

*Laurie Egge –*

On behalf of the Wisconsin Chapters of the American Planning Association and the American Society of Landscape Architects Boards of Directors, I want to express our appreciation to you for your presentation as part of the Cleaning Up for Redevelopment session at the WAPA/WI-ASLA 2007 Annual Conference in Milwaukee on March 15-16.

Your participation helped make this conference a success. We hosted about 350 persons over the two-day conference, plus an additional 100 persons at the pre-conference Regional Economic Development session. Once again, thank you for your presentation at this year's conference.

*Gary L. Peterson, AICP  
President, Wisconsin Chapter  
American Planning Association*

## **Fiberdome**

*Susan Lindem –*

We have just concluded an application for a construction/operating permit for our new facility. Ms. Lindem was my contact during this project and I wanted to let you know how valuable she was during this process. With her expert help I was able to formulate our requirements and complete the necessary paperwork in a good deal less time than originally estimated...I want you to know I was very impressed with her knowledge and professionalism.

*Robert M. Roepke, Environmental Affairs Manager  
Fiberdome, Inc.*

## **Storage/Disposal Problem – Town Of Holland**

*Chris Lilek –*

*This thank you was received in regard to a longstanding tire storage/disposal problem. The responsible party was recalcitrant, but Chris stayed with it until she got action. We're not done yet, but finally have some positive movement.*

Thank you for your persistence, and for the good documentation.

*Don Becker, Town of Holland Supervisor*

## **Thanks from Raytheon Company – Closure of Former Speed Queen Facility, Omro**

*Kathy Sylvester –*

I truly thank you for all your support and guidance as we have worked to bring these complex site issues to regulatory closure. It has been a pleasure to work with you and your fellow WDNR staff. Raytheon will be glad to keep you informed about our efforts to divest this property and bring it back into productive use for the local economy of Omro. Thanks again.

*Robert C. Luhrs, Sr. Manager, Remedial Programs  
Raytheon Company*

## **Ready for Reuse Grant for Kaukauna Utilities**

*Jennifer Borski, Jessica Milz –*

I wanted to thank you both for your help in guiding this application through to approval. This site's history and cleanup activities have probably had a few more twists and turns than some of the other applications you've reviewed. Mike Pedersen (KU), Mike DeBraske, and I look forward to the kickoff teleconference with you and Mike Gifford (EPA) early next week.

*Roger A. Miller P.G.  
STS Consultants, Ltd.*

## **UW-Oshkosh 'Ecosphere in Crisis' Class**

*Dave Misterek –*

I want to express many, many thanks from my students of the UW-Oshkosh 'Ecosphere in Crisis' class to Dave Misterek, Waste Management Specialist in Oshkosh. Dave shared his valuable, first-hand knowledge from working for the DNR for nearly 33 years to ~60 education majors on field trips to the dump/landfill sites in Oshkosh. Dave presented the information in such a convincing manner that the students undoubtedly took home many new core values – not only on waste disposal and recycling – but also how these things are related to energy consumption and global climate change. Some of the comments from the students were:

*"I had no idea that a working landfill had so much behind it!"*

*"I learned a lot about the benefits of landfills despite what you think when you see them from the road"*

*"I thought that Dave's comment on Dioxin [from open burning] was interesting because I didn't know that it was the most dangerous toxin in the air today. I also didn't know that there was a restriction on how many fish you can eat a week because of the Mercury poison in fish."*

*"I didn't know that plastic could be reused for so many products like in socks and lumber. Overall I learned many new interesting facts."*

*"It was wonderful to have a point of view from a person whose job and income depend on the subject we're studying."*

Being that many of these students will be our future teachers, the knowledge that Dave shared will echo into many future generations. Dave is an excellent and valuable spokesman for Waste Management and protecting Wisconsin's natural resources, and I hope he is able to continue to speak for the WDNR for many years to come. Thanks much.

*Shannon Davis-Foust  
UW Oshkosh*

### **Thank you from Orchard Wood Recycle Company**

*Chris Lilek –*

Your letter is just what we need for our federal grant. It will be a great help for getting our company started... Hopefully we can be up and going by Fall 2007. Thanks again.

*Sue Rieth  
Orchard Wood Recycle Company*

### **Landfill Gas and Fugitive Emissions Data & Solid Waste Interested Parties Meeting**

*Jack Connelly, Dennis Mack –*

Thanks for sending these handouts Jack. This is very interesting data regarding LFG and fugitive emissions. As a consultant, I appreciate everything the WDNR is trying to do with regards to the understanding, communication with the private/public sector, management, and analysis of the data collected at these facilities. I think when there is solid foundation of communication, everyone is on board and things get done in a positive atmosphere. Thanks again for the update...

*Brad Kraemer, P.G.  
MSA*

### **Thanks From Progressive Rail**

*Laurel Sukup –*

First and foremost I would simply like to say "thank you" for your excellent follow-up response to Progressive Rail's genuine interest in developing two new projects in close cooperation with you and your colleagues this summer in the State of Wisconsin. Both of them are incredibly exciting in terms of bringing in valuable careers, significant investments to the area and most importantly they will be completed with a great deal of care for Wisconsin's natural environment.

*Dave Fellon  
Progressive Rail, Inc.*

### **Refuse Haulers Ordinance**

*Paul Wiegner –*

I just thought I would advise you that all of your efforts late last summer were not in vain. Darryl Farmer and our city attorney drafted the recycling reporting requirement city ordinance I had requested, at the request of you and Jon Tulman... It will be up for adoption this afternoon at our Council meeting. This should have been done years ago, but the old "not my job" philosophy got in the way, and it took a little effort to get by that and do the right thing. As you know, we can change things!

*Dave Duax  
Alderman - District 1  
Eau Claire City Council*

### **National Atmospheric Deposition Program**

*Bruce Rodger –*

I am writing on behalf of the U.S. Geological Survey to thank you for your many contributions to the success of the National Atmospheric Deposition Program (NADP). Your top-quality contributions to interagency efforts within NADP have been well received and reflect highly upon you as well as upon the Wisconsin Department of Natural Resources. A consistent theme of your work is your enthusiastic pursuit of improvement in the monitoring instrumentation and field protocols. I especially appreciate your willingness to test new equipment for the network as NADP transitions to electronic rain gages and improved precipitation collectors within the next several years. Now NADP is beginning new initiatives in total mercury deposition monitoring, and again you

stand ready to support this new effort.

As you know, the USGS plans to modify its ongoing co-located instrumentation study at Wildcat Mountain State Park (NADP site WI98) this summer. You and the WI98 site operator, Karen Teed have been extremely accommodating to our study there. During the past seven years, you helped us with several different studies, including evaluation of the effects of meteorological vectors on sampling error, estimation of the overall variability in NADP data, and quantifying shifts in the NADP trends due to instrumentation modernization. Every time we ask for your help or throw you a curve in our plans, you respond with a “can-do” attitude. We hope that you will remain active in NADP for many years to come to continue to set an example for us all.

*Greg Wetherbee  
Project Chief,  
USGS External Quality Assurance Project for NADP  
United States Department of the Interior*

*Bruce Rodger –*

I want to thank you for your ongoing dedication to the National Atmospheric Deposition Program (NADP) and for helping to make it one of the most cost-effective environmental programs in the country. As you know, NADP is a cooperative program that involves more than 300 participating organizations. The Wisconsin Department of Natural Resources is one of these organizations and it holds a special place, not only because of the longevity of its support but also because of the contributions of scientists like you to the Program’s decision-making. The Wisconsin sites now have more than a 20-year unbroken record of high-quality precipitation and chemistry data. In no small part, this is due to the dedication of leaders like yourself who have worked and continue to work with field technicians to ensure that they are adequately supplied, trained, and motivated to follow standard procedures and do what it takes to ensure high-quality performance. The result is a record of environmental data in Wisconsin that is second to none in the NADP.

NADP is governed by committees that guide the technical aspects of the program. Over the years, your participation in NADP committees has been invaluable. More than any other state agency involved in the NADP, the Wisconsin DNR has supported the mission and vision set forth by our committees. In recent years, NADP has made a commitment to evaluate new equipment for use at field sites. You have stepped up like no other state representative to get involved in this process through in-kind support and contributed expertise. This modernization effort is now coming to fruition and it promises to contain our operating costs while improving data quality. Your efforts will pay dividends for every program participant.

On behalf of all program participants and NADP’s elected officers, I again thank you for your dedication and contributions to the NADP.

*Van C. Bowersox, Coordinator  
National Atmospheric Deposition Program*

### **Thanks from Wisconsin Public Service Corporation**

*Steve Dunn –*

I want to thank you for your extraordinary patience and effort in getting the permit for the CT's issued. Even though it seems like ages ago, the original need for permit revisions stems from events that should have been managed differently here. Please be assured that we're making many changes in our processes and are determined to prevent a repeat performance. I've enjoyed working with and learning from both of you and your assistance is much appreciated.

*Connie Lawniczak, Director of Environmental Services  
Wisconsin Public Service Corporation*

## **Thanks for EMS TSD Report**

*Christine Lilek –*

Thanks for sharing your final report. That was quite a task, congratulations in getting it done!

It was a real pleasure working with you on this project and I hope that the outcome was beneficial to all that were involved and interested in it. I look forward to working with you on other endeavors.

*Jack Annis, Center Co-Director  
Industrial Environmental Education Specialist  
UW-Stevens Point-SHVEC*

Thank you for the report. Very interesting.

*Joseph R Kovacich - VP  
Miller Compressing Company*

## **Thanks from EPA – Groundwater Impacts from CCB Disposal in Wisconsin**

*Mike Zillmer –*

Many thanks for the excellent write-up and current status on the Cedar Sauk and Highway 59 landfills.

Appreciate your support!

*Alex Livnat  
Municipal and Industrial Solid Waste  
Division Office of Solid Waste  
US EPA*

## **Asbestos Remediation Activities – Badger Army Ammunition Plant**

*Mark Davis –*

Thank you for your time on the phone last week and the update on asbestos remediation activities at Badger Army Ammunition Plant.

The foundation for the successful reuse of these lands is the restoration of the integrity of soils, waters, and sediments. As you know, securing the best possible cleanup is easily said but not so easily accomplished. Holding the military accountable to the same degree as any other industry has always been difficult but in recent years has become even more so. There is tremendous pressure from many parties to expedite property transfer to new owners and to put a good public face on the complex environmental challenges at Badger and other military bases.

Despite these circumstances, your work has reflected the highest commitment to duty and to the protection of the health and well-being of workers and community members. Your candor, especially in providing timely and comprehensive information regarding the remediation and handling of asbestos-contaminated materials at Badger, has assured productive and professional communications with members of our community. Moreover, despite an environment that has often been unsupportive, your dedication and work ethic have not faltered, to the benefit of our environmental health and to a strong sustainable future for the Badger lands and the surrounding rural landscape.

Thank you for your efforts in this regard and we wish you the best of luck in your new position.

*Laura Olah, Executive Director  
Citizens for Safe Water Around Badger (CSWAB)*

## **Brownfield Efforts Make Significant Difference**

*Keld Lauridsen –*

...I don't think it is said often enough, but the WDNR's brownfield efforts make a significant difference. I have worked with a number of local governments and without WDNR support, their brownfield projects would not have been successful. The former American Quality Fibers project is probably my most challenging; more from a political aspect than a technical one. Without your presence at the meetings with the county and city, I don't think we would have made it as far as we have. Thank you!

*Brian Wayner  
OMNNI Associates, Inc.*

## **Air Pollution Control Construction Permit**

*Michael Ross –*

I wanted to drop a quick note and thank you for the Coulee Region Renewable Energy's Air Permit materials. As an attorney who has worked on both sides of the regulatory "fence," I appreciate your agency's expedient service. Without question, the Department of Natural Resources has truly been a friend to ethanol and a pleasure to work with.

*John Robert Behling  
Weld, Riley, Prens & Ricci, S.C.*

## **Governor's Task Force on Waste Materials Recovery and Disposal**

Dear Secretary Hassett,

As Chair of Governor Doyle's Task Force on Waste Materials Recovery and Disposal, I wanted to convey to you—both for me personally and on behalf of the Task Force as a whole—my sincere thanks to you and to the Department for the administrative support provided by DNR staff during our 18-month tenure.

As you know, created by Executive Order #106 (June 14, 2005), the Task Force had no means of administrative support other than contributions by the staff of DNR. Under Al Shea's keen guidance, the Department's support was uniformly timely and effective. In particular, I'd like to commend and bring to your attention the contributions of the following:

Sue Bangert. Sue did a great job coordinating DNR staff in support of our deliberations. Sue had a great knack for conveying the "big picture" and anticipating issues of interest to the Task Force. She also kept us apprised of agency actions on related matters so that the Task Force could better understand the context of its deliberations. She was particularly helpful to me as a sounding board for both administrative and substantive issues.

Cynthia Moore. On day-to-day activities, I worked most closely with Cynthia and Brad Wolbert (see below). They were the laboring oars for our endeavors, and I can't say enough about their efforts and contributions. Cynthia did a superb job providing information on recycling issues as well as supporting the deliberations of our Waste Reduction Work Group. Her expertise on recycling in general, and such key issues as e-waste and product stewardship in particular, were invaluable to our deliberations.

Brad Wolbert. Brad likewise did a superb job on his many assignments for the Task Force. Brad did an exceptional job recording minutes of our day-long meetings and circulating them in timely fashion for review. Much more than just a scrivener, however, his expertise on disposal options, and particularly his support of the Economics and Institutions Work Group, were invaluable.

Mike Degen. Mike served as a valuable resource on issues like open burning and played a key role as liaison to the Land Use Work Group.

Sarah Murray & Karen Ecklund. Sarah and Karen were the "go to" resources for compilation and publication of our final report. Karen (editing) and Sarah (formatting and publishing) did an exceptional job during "crunch time" as we pulled together a voluminous report in time for delivery to the Governor by our year-end deadline.

I would also like to acknowledge the support of Dan Fields, Larry Lynch, Kate Cooper, Vera Swanson, and Jane

Washburn, each of whom contributed both administratively and substantively to our deliberations. I must say again that everybody contributed in a cheerful, interested, candid and effective way.

Mindful of the independence of the Task Force, each member of the DNR staff respected that independence on the one hand while serving as an effective resource and contributor on the other. I am deeply grateful for that support and convey that same appreciation on behalf of the Task Force as well.

The State of Wisconsin is lucky to have such dedicated, knowledgeable, and effective public servants. Thank you again so much for their contributions to the successful conclusion of Task Force deliberations.

*Arthur A. Vogel, Jr.  
Quarles & Brady LLP*

### **Permit Application Processing – Advanced Fiberglass Technologies**

*Jeff Johnson –*

In reviewing project files for the past year I realized that amongst the routine completion of projects and general accomplishments certain efforts by DNR permit engineers stood out and clearly warrant recognition. Of all the projects that I have worked on in recent years your efforts this past summer in expeditiously reviewing and processing the Advanced Fiberglass Technologies construction permit stood out as warranting special commendation.

Our initial permit application was filed in late August, with subsequent additional information responses provided into September. With highly responsive information requests and completion of required emission estimates the Department was able to issue the permit in October, assuring that the new facility installation would not be delayed by permit issues. In fact other design and planning initiatives by the company and contractors would challenge them to maintain the pace. Since this was a green field project for a major source with MACT regulations, the ability to expedite the project was clearly something to be recognized, and in discussions with my client last fall we agreed that DNR's effort on this project warranted some special attention. My only regret was that I did not pass this on sooner. Thank you once again and best wishes for a productive year ahead.

*James J. Fleischmann  
Manager, Permitting and Compliance  
Pollution Technology, LLC*

### **AROW/SWANA/WCSMWA Winter Conference**

*David Panofsky –*

On behalf of AROW/SWANA/WCSMWA, I would like to formally thank you for taking the time from your busy schedule to speak at the joint Winter Conference last week in Appleton. It is due to the dedication and generosity of persons such as yourself that keep the associations and the sessions they sponsor viable and successful. It is also my hope that the experience was a pleasant and conducive one for you. On behalf of all three associations, please accept my appreciation for your contribution in making a joint Winter Conference a successful and educational experience.

*Curt Madsen, President-SWANA*

### **Brownfield Cleanups in Fond du Lac**

*Ron Kazmierczak, Bruce Urban, Kristy Rogers, Cheryl Laatsch –*

Thank you for coming to North Fond du Lac on Monday and providing information to the Village on how the Department of Natural Resources can be helpful as they proceed with their proposed projects and brownfield cleanups. Your time and participation is greatly appreciated.

*Carol Roessler, State Senator  
18th Senate District*

**RadNet Monitor**

*Katie Praedel –*

...As for "keeping the program running properly" on our end, you can credit Katie Praedel for her proactive monitor operation. She definitely makes our job easy on this end.

*Dan Askren, Physical Scientist  
US EPA National Air and Radiation Environmental Laboratory Montgomery, AL*

**Beneficial Reuse Workshop**

*Bizhan Sheikholeslami –*

Congratulations on another excellent workshop and thank you for including us in the program. I believe that this technical exchange and networking is very valuable to maintaining and growing the utilization of industrial by-products in Wisconsin. Thank you for your continuing dedication and work to utilization (amongst your other duties).

*Bruce Ramme  
We Energies*

I would like to let you know the Workshop held last week Thursday at the Ruckert-Mielke building was very beneficial...We are just beginning with the Beneficial Reuse Program and have some homework to get done, but we are proceeding. Thank you.

*Glenn Furst  
Castalloy Corporation*

**Daimler Chrysler**

*John Melby, Sue Bangert –*

Kudos to you two and everyone else involved in assisting Daimler Chrysler with their potential development. Commerce Secretary Burke met with Daimler Chrysler in Detroit last week. She reported that Chrysler's top brass complimented DNR staff who worked on the potential project. In Secretary Burke's words, Chrysler was very complimentary of the DNR on both responsiveness and quality of work. They felt they could see a difference between their interaction on this proposal and previous interactions years ago.

Thank you for your timely, attentive and professional work. This is well-deserved recognition from a job well done.

*P Mary Woolsey Schlaefer  
Executive Assistant  
Wisconsin Department of Natural Resources*

**Thanks from United Way and the Boldt Company**

*Bruce Urban –*

On behalf of the United Way and the Boldt Company, I would like to thank you for taking time out of your busy schedule to give us a tour of your facility. You did an excellent job of explaining key design aspects of your office. It was a tremendous help for our design process with the United Way. Thank you again for such an informative and pleasant tour of your office.

*Eric Bauman  
The Bolt Company*

**Thanks From Sanimax Corp.**

*Jim Crawford, Rick Wulk, Judy Polczynski, & Dave Hildreth –*

I just wanted to say thank you to everyone who participated in the meetings and rectified this issue. I feel we are on the path of making this a partnership in handling issues and opportunities in the future. As stated in previous meetings, Sanimax is also progressing beyond current operations and focusing on alternative and renewable fuels which we feel will benefit the people and the environment around us as a whole.

*Donald A Barnard  
Sanimax Corp.*

## **Brownfield Development**

*Jennifer Easterly –*

These letters were exactly what we needed to provide a measure of comfort and to facilitate the occupancy of this Brownfield redevelopment project (Fond du Lac, Georgetown Cleaners Site) with the end user (Walgreen's). Also, the second letter was really well detailed and provided us the basis for promptly going out with a request for DERF proposals for the next step in the process. You have really performed a valuable service for this project; and your efforts are very much appreciated! Thank you for your very professional and high caliber work on this project.

*Don Gallo  
Reinhardt Law Firm*

## **Eagle Disposal Enforcement Action Receives Thank You**

*Nancy Gloe –*

Thank you. I enjoyed working with you and Mr. Villoth also. If you have any additional questions feel free to contact me.

*Tom Lyons*

## **New Air Management Reporting System**

*Ralph Patterson, Andy Stewart, Reporting System Development Team –*

....Believe it or not, I am almost done and I had 45 reports to do. In the beginning it looked daunting with the problems with the new program but for the most part it is working now and I like it. Thanks to everyone for their help through this transition. I do appreciate it.

*Richard Lyle, President  
Janard, Inc.*

## **Kendall Cleanup, Monroe Co.**

*Doug Joseph –*

This recent additional work at the site is an excellent example of how the DNR, DOT, local government, local businesses and private citizens can work together under very stringent cost constraints toward a common goal. Amen and Thank you!

*Tom Jackson  
Senator Dale Schultz*

## **Great Lakes Renewable Energy, Inc.**

*Laurel Sukup –*

Thanks, Laurel, for the reply and follow up notes. I have talked to Ron Spidell already late this afternoon to make sure we are beginning to proceed in the right ways to secure our air and water permits. Ron was very complimentary on how positive the phone conference was with you and others involved. I too am pleased with your proactive support and your extra effort yesterday that reminded me I had to get going on these things. Thanks.

*Herb Seeger*

## **EPA, DNR Sign Most Comprehensive One Cleanup Program MOU In The Nation**

The Wisconsin Department of Natural Resources and the U.S. Environmental Protection Agency recently signed an agreement between the two agencies that will expedite cleanups of contaminated properties. "This agreement is great news," said DNR Secretary Scott Hassett. "It confirms our single, consolidated approach to cleaning up contaminated areas in Wisconsin and is consistent with EPA's One Cleanup Program Initiative. It will not only help property owners, developers and citizens better understand how meeting Wisconsin's standards will satisfy both agencies, it will also help improve business creation and growth in those areas."

A Memorandum of Understanding, signed by Secretary Hassett and Mary A. Gade, Regional Administrator of EPA Region 5, is significant in that it is the first EPA-state agreement to fully address cleanup requirements across all major federal programs, including the Comprehensive Environmental Response, Compensation, and Liability Act (Superfund); Resource Conservation and Recovery Act; Toxic Substances Control Act; and leaking underground storage tanks.

*Andrew Savagian –*

Andrew, that is exciting news. Please forward my congratulations to everyone on the team that put the MOU together, along with those many more staff whose excellent work over the years gave EPA the confidence to move forward with this initiative in Wisconsin. Congratulations to all.

*Nancy Frank, AICP, Chair  
Department of Urban Planning  
School of Architecture and Urban Planning University of Wisconsin-Milwaukee*

*Andrew Savagian –*

Congratulations to you and your entire Remediation and Redevelopment Team!! Well done!

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

### **Remediation & Redevelopment Program Web Site**

*Jessica Milz –*

Thanks Jessica ... I must comment on your website—very useful and well designed.

*Ron Smedley  
Brownfield Redevelopment Coordinator  
Michigan DEQ Remediation and Redevelopment*

### **Letter of Appreciation from Beloit College**

*Jim Kralick –*

In March of 2002 Beloit College and Tri Star Marketing entered into an agreement to purchase the Amoco Service Station property - 963 Pleasant Street, Beloit, Wisconsin. In April, 2002 Tri Star submitted a Request for Closure. Mr. Kralick took over responsibility for this case in late 2003/early 2004. Since that time, Mr. Kralick has been extremely helpful to Beloit College. He has joined us on conference calls to discuss the status of this request and has always answered our questions. On October 17, 2006, the final closure letter was received by Tri Star Marketing and on December 29 Beloit College and Tri Star Marketing closed on the property. We appreciate Jim's personal interest in resolving this matter and look forward to improving the property to the advantage of the Beloit community.

*John E. Burris  
Beloit College*

### **Georgia Pacific Uses DNR Video At Einstein Science Fair**

*Georgia Pacific used our video "Recyclables—Too Valuable to Waste" as part of the annual Einstein Science Fair in Green Bay. The video attracted both adults and children to the booth.*

*Cynthia Moore, Mary Farmiloe –*

Thank you again for giving us permission to show in its entirety, "Too Valuable to Waste" as part of our booth exhibit at the 2007 Einstein Science Fair in Green Bay.

The video was a draw at our booth. There were 3,321 paying participants at the event, and we found both adults and children enjoyed watching the entire six minute show...Often, the kids asked their parents questions about the video, so it presented an opportunity for parents and kids to talk about recycling. Thanks again!

*Mary Jo Malach, Public Affairs Manager  
Georgia-Pacific - Green Bay Operations*

## **American Transmission Company**

*Lisa Gutknecht received a compliment from Michelle Stokes of American Transmission Company for assistance she provided regarding a substation in Wausau.*

Thanks Lisa. I appreciate your help with this matter. You're always so responsive and a pleasure to work with. Thanks again for working so hard to help us come to a resolution on this issue.

*Michelle Stokes, Environmental Project Manager  
American Transmission Company*

## **Hazardous Materials Assistance to Wisconsin Department of Transportation**

*Jill Zalesny –*

I am sending this e-mail to you to tell you how much I appreciate how well Jill Zalesny has helped me with my Haz-Mat requests. On every occasion I have made requests to her, she has supplied me with exactly the information I needed in a very timely manner. A few years ago, prior to Jill taking over these types of searches, I spent a fair amount of time using the available WisDNR UST Lists etc. to try to find the same information. Jill's results are far superior to my results in quality, completeness & timeliness. I hope she continues to be able to supply WisDOT with this information. Many Thanks.

*James F. Gloodt, Transportation Engineer - Senior  
Wisconsin Department of Transportation*

## **EMS-TSD Report**

*Chris Lilek –*

I just finished looking through your draft report for the grant and I promise I did not read all 218 pages ☺ but wow I thought it was very comprehensive and thank you for acknowledging SHWEC so much in your report.

Hopefully we can find some more dollars to continue working on the Turbo EMS in the future. It has been great working with you on this project and I look forward to working with you in the future.

*Jack Annis, Center Co-Director  
Industrial Environmental Education Specialist  
UW-Stevens Point-SHWEC*



Wisconsin Department of Natural Resources  
PO Box 7921, Madison, WI 53707  
dnr.wi.gov

