

**IDEM**

We Protect Hoosiers and Our Environment

**Pollution Prevention**



# IDEM Update

June 8, 2011

Office of Pollution Prevention &  
Technical Assistance



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THANK YOU to

**Raytheon Technical Services**

for hosting this meeting!



New Member Welcome:





## Partners for Pollution Prevention

- Interested in joining the Partners?
- Opportunity to learn from other companies and share successes or lessons learned
- Contact Susan Harrington for details  
[sharring@idem.IN.gov](mailto:sharring@idem.IN.gov).



# 14<sup>th</sup> Annual Pollution Prevention Conference and Trade Show

Save the Date:

September 22, 2011

“What is your Next Step?”

Register online at:

[http://partners2011conference  
.eventbrite.com/](http://partners2011conference.eventbrite.com/)

Sponsorships and exhibitor  
space still available

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14th Annual  
**POLLUTION PREVENTION  
Conference & Trade Show**

What is your Next Step?  
[www.IN.gov/idem/4451.htm](http://www.IN.gov/idem/4451.htm)

**Sustainable Economics & Profitability**—Save the Planet

**Waste Minimization**—Prevent Waste From Being Created

**Green and Energy**—Use Resources More Than Once

**Treatment**—Recover Energy and Reduce Hazard

**Recycle**—Protect and Preserve

September 22, 2011 7:30 am - 1:45 pm Free to Attend | [www.IN.gov/idem/4451.htm](http://www.IN.gov/idem/4451.htm)



## IDEM Update

- IDEM's 25<sup>th</sup> Anniversary
- Improvements in Environmental Quality over the 25 years



# Compliance and Technical Assistance Program

Alison Beumer  
Senior Environmental Manager





## Small Business Regulatory Coordinator

- Tracks IDEM rulemakings
- Attends pollution control board meetings
- Posts monthly summaries of Indiana Register at: [www.idem.IN.gov/5490.htm](http://www.idem.IN.gov/5490.htm)





# Regulatory and Compliance Update

## AIR

- Boiler MACT
- Metal Fabrication and Finishing NESHAP
- New Source Review Provisions for PM<sub>2.5</sub>
- Mandatory Greenhouse Gas Reporting Deadline Extended





# Regulatory and Compliance Update

## WASTE

- Updates and Corrections to the Hazardous Waste Management Rules at 329 IAC 3.1
- Spent Lead Acid Battery Requirements





# Regulatory and Compliance Update

## WATER

- General Pesticide Permit and House Bill HR872.

## Compliance Calendar May – July

- Common reports and forms due to IDEM





## Boiler MACT

### 40 CFR Part 63, Subpart 6J

- March 21, 2011 U. S. EPA published an area source and major source NESHAP for industrial commercial and institutional boilers and process heaters, commonly known as the Boiler MACT
- Requirements vary by size, type of fuel used and new or existing boiler (a boiler is considered existing if it was constructed on or before June 4, 2010)
- The effective dates of the major source Boiler MACT and CISWI NSPS have been delayed indefinitely





## Boiler MACT

### 40 CFR Part 63, Subpart 6J

- **Large boilers** 10 million Btu per hour or greater
  - Emission standards and associated monitoring for mercury, particulate matter, carbon monoxide, hydrogen chloride and dioxin
  - Work practice standards in lieu of thresholds for natural gas or equivalent “clean fuel” and for limited use boilers that operate less than 10 percent of the year as emergency or back-up boilers; operators must also perform tune-ups for each unit
- **Smaller boilers** less than 10 million Btu per hour
  - Work practices standards in lieu of thresholds
  - Tune-up for each unit once every two years





## Boiler MACT

### 40 CFR Part 63, Subpart 6J

## Initial Notification Report

- **September 19, 2011:** All facilities subject to these requirements must submit an *Initial Notification* report to U. S. EPA and IDEM OAQ

## Compliance Deadlines

- **May 20, 2011 or startup:** New boilers
- **March 21, 2012:** Existing smaller boilers
- **March 21, 2014:** Existing boilers with operating limits

For more information:

[www.epa.gov/ttn/atw/boiler/boilerpg.html](http://www.epa.gov/ttn/atw/boiler/boilerpg.html)





## Metal Parts Fabricating and Finishing

### 40 CFR 63, Subpart 6X

- **July 25, 2011:** All facilities subject to these requirements must submit an *Initial Notification* report to U. S. EPA and IDEM OAQ and be in compliance with the rule
- Applies to facilities with specific SIC and NAICS codes that perform welding, dry abrasive blasting, dry machining, dry grinding/polishing and surface coating
- New facilities built and operated after April 3, 2008 must already be in compliance

For more information:

[www.epa.gov/ttn/atw/area/arearules.html](http://www.epa.gov/ttn/atw/area/arearules.html)





## New Source Review Provisions for PM<sub>2.5</sub>

- 1997 PM10 Surrogate Policy ended May 16, 2011
- May 2, 2011 the Air Pollution Control Board passed an emergency rule regarding net emissions increase for PM<sub>2.5</sub> under PSD setting a new significance threshold for PM<sub>2.5</sub> at 10 ton per year
- OAQ has started a rulemaking to address U.S. EPA's PM<sub>2.5</sub> NSR Implementation Rule which considers sulfur dioxide and nitrogen oxide as precursors for PM<sub>2.5</sub>

For more information: [www.IN.gov/legislative/iac/20110504-IR-326110251FNA.xml.pdf](http://www.IN.gov/legislative/iac/20110504-IR-326110251FNA.xml.pdf)





## U.S. EPA Mandatory Greenhouse Gas Reporting Rule Deadline Extended: September 30, 2011

- GHG emissions of 25,000 metric tons or more per year are required to submit an annual report to U.S. EPA
- Tool to calculate GHG emissions available at:  
[www.epa.gov/cleanenergy/energy-resources/calculator.html](http://www.epa.gov/cleanenergy/energy-resources/calculator.html)
- Must register with the electronic GHG reporting tool (e-GGRT) no later than 60 days before the reporting deadline (August 1, 2011)





# Hazardous Waste Management

## Proposed Updates and Corrections to 329 IAC 3.1

- Addition to describe hazardous wastes excluded from regulation under 40 CFR 261.20 and 40 CFR 261.22
- Removal of the emission-comparable fuel exclusion
- Removal of saccharin and its salts (waste code U202)
- Technical corrections to accumulation of unwanted materials at laboratories owned by colleges and universities and affiliated entities





## Stored Spent Lead Acid Battery Rule

- Provides requirements for the management of temporarily stored spent lead acid batteries
- Includes transportation and storage by retailers, wholesalers, manufacturers, storage facilities and reclamation facilities
- **Temporary Storage:**
  - Reclaimers allowed to stage whole spent lead acid batteries on incoming trailers for up to 14 days on an asphalt or concrete surface
- **Notification Requirement:**
  - Added for intermediate storage facilities that accumulate more than 5,000 kilograms





## General Pesticide Permit

- IDEM issued draft NPDES Pesticide General Permit for point source discharges from the application of pesticides to waters of the state
- H.R. 872 amends the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) to clarify that U.S. EPA or a state may not require a permit under the Federal Water Pollution Control Act for the application of pesticides regulated under FIFRA
  - Passed in House of Representatives and waiting to be voted on by Senate





# Compliance Calendar May – July

## May

- May 1: CAIR Energy Efficiency/Renewable Energy (EE/RE) Applications for the current Ozone Season and current Annual Control Period due
- May 28: Quarterly Non-Compliance Report due for those delegated water Pretreatment Programs allowed to submit in May (otherwise due in April)

## June

- June 15: Second quarter payment due for NPDES Annual Bill, if paying in quarterly installments
- June 30: Wastewater operator certification renewal applications due (certifications expire every two years)





# Compliance Calendar May – July

## July

- July 1:
  - Hazardous Materials Registration due to US Department of Transportation
  - SARA 313 Toxic Release Inventory (TRI) Report due
  - Annual Emission Statement due annually or every 3 years based on the potential to emit, pollutant, and county
  - Air Annual Compliance Certification due for all companies except those required to submit on April 15
- July 15: Solid Waste Quarterly Reports due
- July 28: Quarterly Non-Compliance Report due for delegated water Pretreatment Programs (unless otherwise permitted to submit report in August)
- July 30:
  - Semi-Annual Air Compliance Monitoring Report due for January through June. Check your permit to determine if you are on a quarterly or semi-annual reporting schedule
  - Air Quarterly Deviation and Compliance Monitoring Report due for April through June to determine if you are on a quarterly or semi-annual reporting schedule
  - Quarterly Air Permit reports (e.g., usage reports) due for April through June





## CTAP Contacts

Indianapolis Office:

Air – David McIver

Air Toxics – Mark Stoddard

Water – Alison Beumer

Solid/Hazardous Waste – Susan Lowry & Hani Shararya

NRO – Jim Weingart

NWRO – Cathy Csatari

SWRO – Dave Abel

For more information about CTAP or to request assistance go to:

[www.idem.IN.gov/4108.htm](http://www.idem.IN.gov/4108.htm)

Or call us at:

(800) 988-7901



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# Questions?