

EMISSIONS INVENTORY NEWS

KANSAS DEPARTMENT OF
HEALTH AND
ENVIRONMENT

Emission Inventory News

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*Please note that our email
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Emissions Inventory Web Workshops

We are happy to report that over one-third of our class I sources used the electronic web submittal system for the 2007 emission year.

We are encouraging sources to take advantage of this web system.

We are excited about providing hands-on-training with the Kansas Emission Inventory Submittal System, which is the web based tool we have been using the last 2 years to collect emission inventories. This year we are offering hands-on training in Wichita and Topeka. The training is free and any contact person from a Class I

or Class II facility is eligible. We are conducting morning and afternoon training at each location. If you are interested in attending any of our sessions, please contact Will, Barb or Cathy.

The first workshop will be held in Wichita on February the 20th at the Sedgwick County Technology Learning Center which is located at 538 N. Main. There will be an option to choose between two morning sessions (8:30 or 10:00) or two afternoon sessions (1:00 or 2:30). At this time the 10:00 and 1:00 are filled.



The second workshop will be held in Topeka on February the 24th at the KDHE Curtis Building which is located at 1000 SW Jackson, Suite 030, Garden level. There will be an option to choose between a morning session at 10:00 or an afternoon session at 1:00. At this time the 10:00 session is full ,however we will be offering more sessions for that day as the need arises.

Updates on the Web

Kansas Emission Inventory Submittal System (KEISS)

2007 was our 2nd consecutive year using the electronic submittal system. Over 100 sources successfully submitted their 2007 Emission Inventory using KEISS. For 2008 we have made some improvements that should make the system easier to use and allow more flexibility in reporting. KDHE recommends users have the latest Microsoft Internet Explorer, PDF reader and high speed internet..

The system is still not totally paperless, so it is still necessary that facilities using the system print and sign a final report generated by the system.

The most important change to the application is that we will no longer need j-initiator and instead will use a Java plug-in called JPI to be installed. The JPI installation should be triggered by hitting the link with Microsoft Internet Explorer, but can en-

counter problems due to security settings on the browser or the operating system. Because we have switched from j-initiator to JPI the system is now compatible with Microsoft Vista.

Other Changes made to the KEISS system for the 2008 inventory:

- Facilities now have the ability to delete Points and Stacks. You must delete all the processes and pollutants associated with a point to delete it. To delete a stack you must make sure that no process is associated with it on the Process Tab.
- Instead of EF and MB style calculations, the user will indicate EF "yes/no". If "No" then it will bypass the emission factor and the process rate and you will enter uncontrolled tons directly.
- Emission Factor Origin (EFO) is now a mandatory field.

Users can select any EFO from the pull-down menu whether or not the calculation uses an emission factor.

- Note Tab – Users can now enter 4000 characters that will be appended to the final report. The user can now indicate in the electronic report details such as the sulfur content of a fuel or the relationship between some control equipment and a particular emission calculation.

- Password Manager – KDHE will email login and password information to the contact as we did last year. This year you must change your password and enter more information into the password manager system when you login the first time. KDHE will no longer have information about your password and we will only be able to reset it if you forget it.

Interested parties will need to contact the emission inventory staff in order to register for the web system.



Update on EPA and Greenhouse Gas Reporting

The 2007 Voluntary Greenhouse Gas (GHG) emission inventory was a great success. **Thanks to all who participated!** We mailed the **voluntary** survey to 158 sources and 125 sources responded with data (including 22 that we did not survey). If you would still like to submit data to the 2007 voluntary inventory we would appreciate it. We will not be conducting a **GHG** survey in 2008 and we do not anticipate doing another **GHG inventory** until EPA provides the details of their mandatory reporting program.

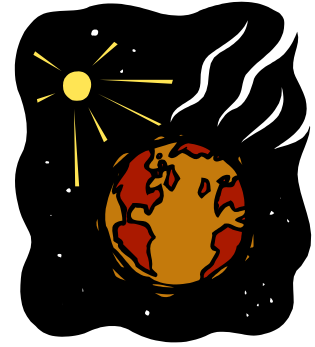
In its Fiscal Year 2008 Consolidated Appropriations Act (H.R. 2764; Public Law 110-161), Congress directed EPA to publish a mandatory greenhouse gas reporting rule, using the Agency's existing authority under the Clean Air Act. The rule will require mandatory reporting of **greenhouse gases** "above appropriate thresholds in all sectors of the economy." EPA is responsible for determining those thresholds, as well as the

frequency of reporting. Congress requested EPA to include reporting of emissions "resulting from upstream production and downstream sources," to the extent that the Agency deems appropriate. The Appropriations language instructs the Agency to publish a proposed rule within 9 months (e.g., September 2008), and a final rule within 18 months (e.g., by June 2009). At the time of this writing EPA had not yet published a proposed rule and we have not heard any new information about the proposed rule.

On other fronts, The Climate Registry (TCR), a voluntary GHG reporting program with 3rd party verification, is up and running. Members of TCR must report their GHG emissions for 2008 by June 30, 2009 and have the **emissions** verified according to the registry protocols by December 15, 2009. **To learn more about TCR visit**

<http://www.theclimateregistry.org/>. KDHE is also participating in the Kansas Energy and Environmental Policy Advisory Group or KEEP. KEEP's purpose is to identify opportunities for Kansas to respond to the challenge of global climate change, while becoming more energy efficient and energy independent and spurring economic growth. **If you have not heard about KEEP and want to learn more visit** <http://www.ksclimatechange.us/>.

If you have any questions about the 2007 Voluntary GHG emission inventory, TCR or KEEP please contact Will or Andy.



National Emission Inventory and Changes

This year has been a big year for emission inventories for EPA and the states. The biggest news is the Air Emissions Reporting Rule (AERR) was signed on December 5, 2008. The most important feature of the rule is that it shortens our timeline for collecting your data, reviewing it and submitting it to EPA by 5 months, starting in Inventory Year 2009. We will review our options for complying with the requirements of this rule, including accelerating the due date of the Class I Emission Inventory Forms. Before making

such a change we will provide the regulated community with an opportunity to comment.

In other inventory news, the 2008 National Emission Inventory (NEI) will mark the beginning of EPA's Emission Inventory System (EIS) which is the new information system for storing all current and historical emissions inventory data. It will be used to receive and store emissions data and generate annual and triennial NEI's and General Purpose Releases beginning with the 2008 NEI. We do

not anticipate the need to change our forms or request new data in our annual emission inventory, but that may become necessary in the future.

For more information about the AERR and the EIS/NEI changes please visit these websites:

<http://www.epa.gov/ttn/chief/aerr/>

<http://www.epa.gov/ttn/chief/net/neip/index.html>

A reminder of the **HAP Reporting Policy**. Facilities that are **major** for HAPs, emissions of the following **have no reporting threshold**.

The remaining HAPs will have a reporting threshold of 500 lbs unless emissions from similar units are greater than 2,000 lbs combined per K.A.R. 28-19-202(c)(2)(A).

HAPS of Interest:

- 1,3-Butadiene
- Arsenic and arsenic compounds
- Benzene
- Chromium & chromium compounds
- Coke oven emissions
- Nickel and nickel compounds
- Vinyl chloride
- Lead and lead compounds
- Mercury and mercury compounds
- Dioxins