

C L E A N A I R T E C H N O L O G Y C E N T E R



CATC Information Bulletin Fall 1998

Well, the CATC has completed its first full year. Our stats indicate that activity has picked up considerably, especially through our Web sites. Thank you for your support and cooperation during our transition from the old CTC. Remember, we're here to help with your air pollution problems. Just call or send E-mail (see enclosed brochure). We'll be happy to help.

Our last CATC Information Bulletin (Winter 1998) requested old CTC News recipients to resubscribe if they wanted to continue to be on our mailing list (postal mail for non-EPA staff). Many did not resubscribe. So, please share this Information Bulletin and enclosed CATC brochure with those who may have need of CATC services. We also welcome comments and suggestions to improve our services and products and look forward to hearing from you.

We tend to use a lot of **ACRONYMS**, so we've included a section called **Short-Talk** at the end of this newsletter. Just refer to this section if you need help with an **ACRONYM**.

New Reports and Technical Bulletins:

Landfill Gas Emissions Model (LandGEM) version 2.01 and "User's Manual -

Landfill Gas Emissions Model," EPA-600/R-98-054, May 1998. (CATC)

Technical Bulletin: "Zeolite, A Versatile Air Pollutant Adsorber," EPA-456/F-98-004, July 1998. (CATC)

"RACT/BACT/LAER Clearinghouse Annual Report for 1998: A compilation of Control Technology Determinations" EPA-456/R-98-004, June 1998. (RBLC)

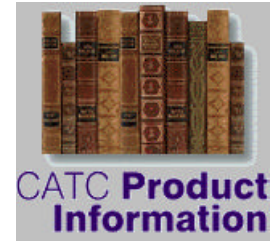
"RACT/BACT/LAER Clearinghouse Information System (RBLC) User's Manual," EPA-456/B-98-002. (RBLC)

"*Emisiones al Aire de la Combustión de Llantas Usadas*," Spanish language version of "Air Emissions from Scrap Tire Combustion" (EPA-600/R-97-115), October 1997. (CICA)

Coming Attractions:

The long awaited **paint spray gun cleaning equipment test method** report is finally making progress. The draft report has been reviewed and comments are being addressed. A final report is expected in early 1999. The CATC is working on several **Technical Bulletins**. Topics include selection of an adsorber for VOC control, NOx control and prevention, VOC-free coatings, and refrigerated condensers. We hope to release one Technical Bulletin every 3 months. Check the CATC Web, Product Information, for the latest release.

CICA is finalizing reports on **auto refinishing** in Ciudad Juarez, Mexico, **unique emission sources** in Mexicali, Mexico, and emissions from **street vendor cooking activities**. All of these reports should be available by January 31, 1999.



RBLC Web Developments:

The RBLC has experienced some delays in entering and updating data due to a change in contractor support. The new contractor is now onboard and things should be returning to normal. We hope to add links to the text of all regulations summarized in our regulation data base, software tools to help you evaluate control/prevention options, and a library of useful reference material. Thanks for your patience and cooperation as we gradually transform the RBLC Web into a more user-friendly and useful Web site.



NSR Early Notification System: The RBLC will be the home for the NSR Early Notification System. Prototype development work is now underway. Current plans are to replace the old RBLC Transient data base on the TTN BBS with the NSR Early Notification System and make it an integral part of entering new data into the RBLC Web. The Transient data base currently stores new determinations prior to promotion to the main RBLC data base. Our goal is to provide agencies with a convenient way to enter the required early notification information on new permit applications. This will allow Federal Land Managers and others responsible for protecting our natural resources to identify potential problems early in the permitting process. In addition, the notification will serve as an initial data entry into the RBLC with provisions to complete data entry as permits are processed and finalized. The early notification program will be required in final NSR regulations scheduled to be promulgated in June 1999. The RBLC's NSR early Notification System will be operational by the promulgation date.

New/Innovative Technology Web Site: The RBLC is developing a prototype Web site that will allow vendors to post information on new and emerging air pollution technologies, and probably existing technologies. Our goal is to provide timely access to information on new technologies to help you identify options and make decisions related to RACT/BACT/LAER or other regulatory requirements. We hope to have a prototype available by April 1999.

Contributions to the RBLC: Thank you for all the updates and additions to the RBLC. The RBLC has been working with EPA Regional Offices to identify and include determinations that need to be in the Clearinghouse. In addition to RACT, BACT, and LAER permits, you should also submit any precedent-setting technology application that achieves a lower emission rate, is more cost effective, and/or demonstrates a new or innovative approach in controlling or preventing air pollution. Often the best solutions are demonstrated by sources trying to avoid the NSR process by getting under applicability emission thresholds. Even if these accomplishments are not subject to NSR, they need to be in the RBLC.

If you need a little more motivation, remember that the CAA requires agencies to submit LAER determinations. New NSR rules will require the same for BACT determinations and also will require that a source be listed in the NSR Early Notification System (i.e., to be part of the RBLC) before a valid permit can be issued. So, for those of you who are RBLC contributors, thank you and keep up the good work. For those of you who are not yet contributing or are procrastinating, we suggest that you get into the habit of entering data now and avoid the rush when the new NSR rules are promulgated in June 1999.

MACT STANDARDS / AIR TOXICS

The latest information on MACT standards (including schedules), hazardous air pollutants (HAP), urban air toxics and/or air toxics program activities in general can be found on the Unified Air Toxics Web site (UATW) on the TTN. To directly access the UATW, go to <<http://www.epa.gov/ttn/uatw>>.



ACCESS TO CATC SERVICES

Fourth Quarter FY98

| <u>ACTIVITY</u> | <u>4th Qtr. FY98</u> | <u>Yr-to-Date</u> | <u>Change From 4th Qtr. FY97</u> |
|------------------------------------|----------------------|-------------------|----------------------------------|
| HOTLINE: | | | |
| CATC Calls | 223 | 1,088 | + 23% |
| CATC Products | 50 | 903 | - 46% |
| CATC Web/BBS | 19,763 | 61,728 | + 72% |
| RBLC | 7,401 | 26,764 | + 20% |
| Small Business | 924 | 5,448 | +131% |
| Total Accesses to CATC Services | 28,361 | 95,931 | + 52% |

“Potential to Emit: A Guide for Small Businesses”

should be available by December 1998. Prepared by the Small Business Assistance Program (SBAP), this document will provide plain English guidance to owners and operators of small businesses on what is potential to emit, and how to determine potential to emit for their facility (including example calculations). Information on how to obtain a copy of this guidebook will be available on the SBAP Web site (www.epa.gov/ttn/sbap).



Short Talk

- CAA - Clean Air Act
- CTC - Control Technology Center (now CATC)
- HAP - Hazardous Air Pollutants
- LAER - Lowest Achievable Emission Rate
- MACT - Maximum Achievable Control Technology
- NOx - Oxides of Nitrogen
- NSR - New Source Review
- RACT - Reasonably Available Control Technology
- RBLC - RACT/BACT/LAER Clearinghouse
- TTN - Technology Transfer Network
- UATW - Unified Air Toxics Web Site
- VOC - Volatile Organic Compounds





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