

# Kansas Drycleaning Program



Fiscal Year 2002 Semi-Annual Newsletter

Fall 2002

## Drycleaning Program

The Kansas Drycleaning Program strives to clean up the soil and waters of the State of Kansas by remediating contaminated drycleaning facilities, as well as, ensuring pollution prevention measures are implemented at all active drycleaning facilities. Pollution prevention measures are important in the fight against on-going contamination of the State's natural resources, which provides a safe and healthy environment near drycleaning facilities. The Kansas Department of Health & Environment (KDHE) administers the Kansas Drycleaning Program within the Bureau of Environmental Remediation.

## Solvent Fee

KDHE has transferred the responsibility for payment of solvent fees to the solvent distributors. This change will reduce the burden on the drycleaners since they do not have to submit the solvent fee. Solvent distributors are provided weekly updates of currently registered facilities. The distributors are not allowed to sell solvent to an unregistered drycleaning facility. An administrative penalty of up to \$500 per violation can be assessed if solvent is sold to an unregistered facility. The solvent fees are as follows:



- Chlorinated solvents: 2002 = \$5.25/gallon  
2003 and subsequent years = \$5.50/gallon
- Non-chlorinated solvents: 2002 = \$0.53/gallon  
2003 and subsequent years = \$0.55/gallon

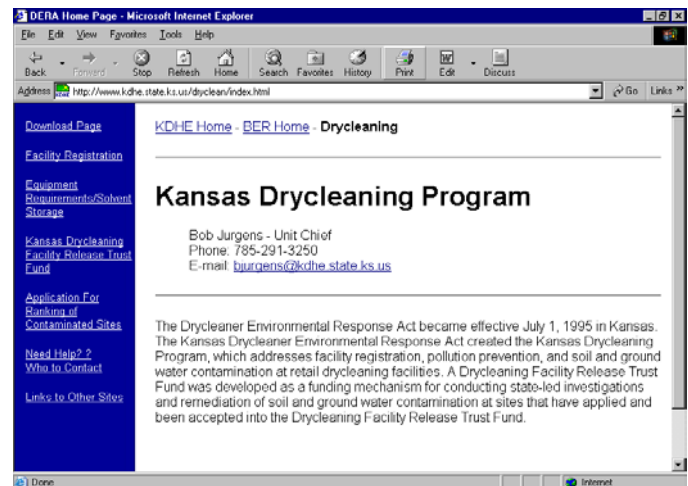
## Environmental Surcharge

The environmental surcharge is a 2.5% gross receipts fee on all services provided at a drycleaning facility. The fee helps fund the cleanup of contamination from drycleaning facilities in Kansas. The surcharge is payable to the Department of Revenue. For additional information contact KDOR at (785) 291-3580.

*If you really want the last word in an argument, try saying, "I guess you're right."*

## Web Site

KDHE recently redesigned the Kansas Drycleaning Program web site. Detailed program information is now available along with the facility registration and trust fund application forms, and various facility guides. Future web site upgrades will provide case studies and photos of past and current corrective action projects. The web site can be found at: [www.kdhe.state.ks.us/dryclean](http://www.kdhe.state.ks.us/dryclean).



## Non-Compliance Penalties

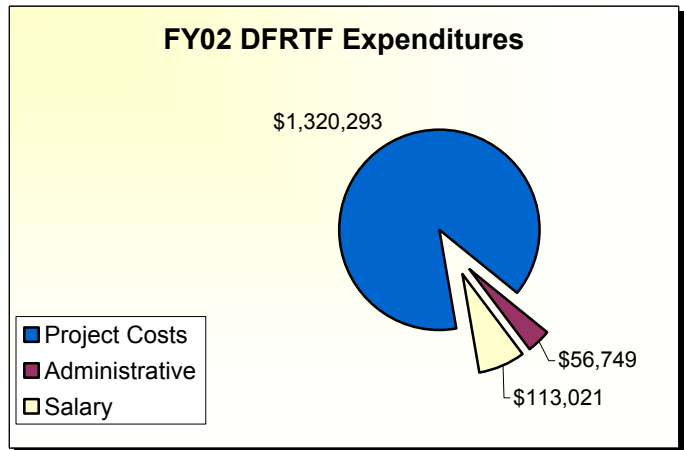
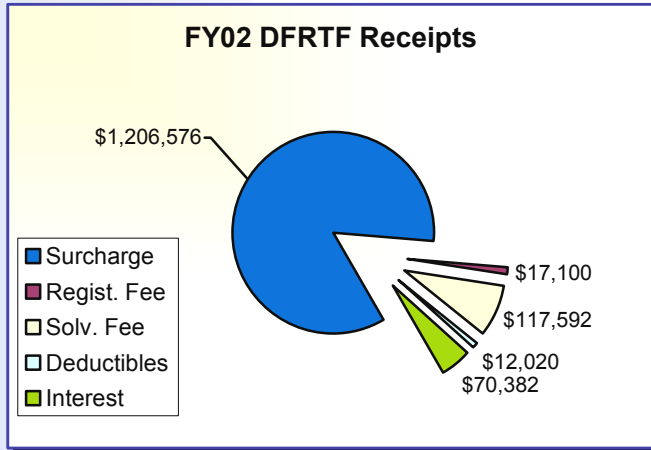
In calendar year 2002, six drycleaners were assessed administrative penalties of \$200/each. The facilities did not register their facilities per K.S.A. 65-34, 145 and K.A.R. 28-68-2. The \$200 penalty is in addition to the required \$100 registration fee. KDHE will continue to increase enforcement efforts in 2003 to ensure all facilities are registered by December 31<sup>st</sup> and facilities have implemented the required pollution prevention measures.

KDHE can assess administrative penalties up to \$500 per violation for non-compliance of the Kansas laws governing the Kansas Drycleaning Program. Facilities found to be in violation of the laws may be ineligible for the Kansas Drycleaning Facility Release Trust Fund.



## Trust Fund Receipts & Expenditures

The State of Kansas Fiscal Year 2002 (FY02) extended from July 1, 2001 through June 30, 2002.



### Drycleaning Program Components

The Kansas Drycleaning Program is separated into three main components: facility registration, Drycleaning Facility Release Trust Fund (DFRTF), and pollution prevention.

**Facility Registration:** Drycleaning facilities must register annually with KDHE's Drycleaning Program. Registration forms are mailed to currently registered facilities in October of the previous registration year. A \$100 registration fee must accompany the registration form. Forms that are incomplete or not accompanied by a registration fee are returned to the facility. Drycleaners who fail to register with KDHE by the December 31<sup>st</sup> can be assessed an administrative penalty of \$500, plus the facility must still pay the \$100 registration fee. As of September 24, 2002, 180 drycleaners are registered in the State of Kansas.



**What is the Drycleaning Facility Release Trust Fund?** The Kansas Drycleaning Program administers the Drycleaning Facility Release Trust Fund. Money collected from the environmental surcharge, registration fee, solvent fee and trust fund deductibles is deposited into a trust fund that KDHE uses to clean up contaminated drycleaning sites.

To become eligible for the trust fund, contaminated drycleaning facilities submit an application for acceptance into the trust fund program. Once accepted into the trust fund, the site is ranked for

prioritization. Sites with a high risk, or greatest potential risk to human health and the environment, receive funding for clean-up. KDHE geologists work with an environmental consulting firm to assess the contamination, evaluate and implement a corrective action plan for site remediation, and conduct long term monitoring to ensure the cleanup is complete. Occasionally, domestic and public water supply wells are impacted and KDHE provides bottled water for impacted residences and businesses until a permanent connection to the local water supply system can be completed.

From July 1, 1996 through July 1, 2002, approximately \$8.5 million has been spent on the Kansas Drycleaning Program. On average 90% of the funds are spent on drycleaning facility clean-up.

Several sites are currently in long term monitoring due to successful remediation of the contaminated soil and groundwater. Future issues of this newsletter will profile the successful remediation systems.

*Drycleaning Program Components continue on next page.*

### Golf Thoughts

- ❖ Golf is a lot of walking, broken up by disappointment and bad arithmetic.
- ❖ I shoot golf in the low 70s. When it gets any colder, I quit.

## **Pollution Prevention:**

- ❑ *Why do we need secondary containment on my drycleaning machines?*
- ❑ *What difference does it make if we don't inspect our machines weekly?*
- ❑ *I run a clean shop, why do I need to have my waste drums in secondary containment?*
- ❑ *How come I need to have my perc delivered via direct coupling systems?*

These are common questions encountered by KDHE Drycleaning Program inspectors. The performance standards addressed in the laws help prevent solvents and wastes from entering the environment and polluting the soils and waters of Kansas. The maximum contaminant level (MCL) for PCE in groundwater is 5 parts per billion (ppb). To help understand the small quantity of solvent required to exceed the MCL, imagine the following is needed to reach 1 ppb:

- ❑ 1/1,000<sup>th</sup> teaspoon of dye in a 21-foot diameter by 4-foot deep swimming pool;
- ❑ 1 sheet in a roll of toilet paper stretching from New York to London;
- ❑ 1 marble among 20 football fields covered with marbles; or
- ❑ 1 inch in 16,000 miles.

As you can see the amount of solvent needed to exceed the MCLs is extremely low. Quite often the source of contamination is not pure product, rather solvent that has dissolved into contact water, such as, mop water or separator water that was poured down the sewer system or thrown out the back door. Prior to the Drycleaning Environmental Response Act (DERA), these practices were not prohibited under Kansas law. Spills during filter changes were also common. As much as one gallon of solvent can be contained in spent cartridge filters (University of Tennessee, 1994). Often filters were placed in dumpsters and subsequently the dumpster locations are a common source of contamination due to solvent draining from the filters.

A hungry little boy was beginning to eat his dinner when his father reminded him that they hadn't prayed.

"We don't have to," said the little boy. "Mommy is a good cook!"

KDHE applauds the efforts of drycleaners in Kansas who are adhering to the performance standards required by Kansas laws. The majority of the facilities have properly implemented the performance standards in the laws. The regulations have been in effect since 1995 so any facility that has not implemented proper pollution prevention measures will be assessed an administrative penalty of up to \$500 per violation.

## **What's the SBEAP and how can it help me?**

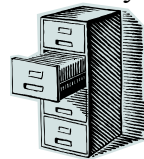
The Small Business Environmental Assistance Program (SBEAP) operates a free, confidential, and non-regulatory service for Kansas businesses that need assistance understanding and complying with the different environmental regulations. The program is housed at Kansas State University Pollution Prevention Institute with offices on campus in Manhattan and in Wichita.



Have you ever asked -

- ❑ How do I calculate my 12-month running total?
- ❑ What do I do with my separator water?
- ❑ Is my secondary containment large enough?
- ❑ What regulatory paperwork am I required to keep on file?

Then you may want to contact Nancy Larson with SBEAP for confidential assistance. Call the environmental hotline at 800-578-8898 or e-mail her at [nlarson@ksu.edu](mailto:nlarson@ksu.edu). Your questions can be addressed over the phone, or SBEAP will come to your facility for an on-site assessment if you like.



Each November you should receive a *Dry Cleaner Compliance Calendar* in the mail from SBEAP. This calendar has been customized for you, based on the type and quantities of solvent used at your facility. It is designed to help you maintain all necessary paperwork and inspection checklists in one place. At the end of each year, the calendar should be placed in a file for a minimum of five years, if not indefinitely. If you have questions about these calendars or any other dry cleaner environmental compliance issues, please feel free to call or e-mail Nancy Larson.

## What's coming in the Spring Issue of the Kansas Drycleaning Program Newsletter?

- ❑ Benefits of applying to the Drycleaning Facility Release Trust Fund;
- ❑ Profile of a remediation technology; and
- ❑ Meet the KDHE staff.

What do *you* want to see in the next newsletter? Contact Bob Jurgens at the number below with your recommendations or if you have any specific questions.

### Who to contact if you have questions?

#### Kansas Department of Health & Environment

Bob Jurgens  
Unit Chief – Kansas Drycleaning Program  
1000 SW Jackson, Suite 410  
Topeka, KS 66612-1367

Phone: (785) 291-3250  
Fax: (785) 296-4823  
e-mail: [bjurgens@kdhe.state.ks.us](mailto:bjurgens@kdhe.state.ks.us)

Kansas Drycleaning Program web site:  
[www.kdhe.state.ks.us/dryclean](http://www.kdhe.state.ks.us/dryclean)

#### Drycleaning Technical Advisory Committee

John Neal, Ineeda Cleaners, Hutchinson  
(620) 663-5688

Robert Bayless, Bayless Cleaners, Great Bend  
(620) 793-3576

Brian Gieber, Stickel Cleaners, Manhattan  
(785) 539-4211

Ross Markle, Harris Bros. Cleaners, Leavenworth  
(913) 682-3535

Dan Miller, Miller Cleaners, Wichita  
(316) 942-5180

Scott Shmalberg, Scotch Fabric Care, Lawrence  
(785) 843-0639

Darrell Spoon, Olathe Cleaners, Olathe  
(816) 444-7774

Kansas Drycleaning Program  
Kansas Dept. of Health & Environment  
Bureau of Environmental Remediation  
1000 SW Jackson, Suite 410  
Topeka, KS 66612-1367  
264-27