

Kansas Department of Health & Environment Drycleaning Facility Release Trust Fund

Fiscal Year 2000 Annual Newsletter

September 2000

Drycleaning Program

The Drycleaning Facility Release Trust Fund (DFRTF) Program was implemented in 1995 to administer the requirements of the Drycleaning Environmental Response Act (Act). The Act required the Kansas Department of Health & Environment (KDHE) monitor pollution prevention measures and provides a funding mechanism for cleaning up soil and groundwater contamination from drycleaning facilities.

This newsletter provides information on the trust fund receipts and expenditures, pollution prevention tips, and general information on the drycleaning industry. KDHE welcomes comments and recommendations for the type of information to be included in this newsletter. Requests should be directed to:

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Perc Usage on the Decline

The volume of perchloroethylene (perc) used in the drycleaning process has been decreasing thanks to technology advancement in 4th and 5th generation drycleaning machines. The pounds of perc needed to clean 1,000 pounds of clothes in a 5th generation machine has decreased 88% compared to first generation technology.

Approximate Perc Usage

Generation of Machine	Fugitive emissions	Waste from residue/filter	Total Perc Used
1st	68 lbs/5 gal.	14 lbs/1 gal	82 lbs/6 gal.
2nd	20 lbs/1.5 gal	14 lbs/1 gal	34 lbs/2.5 gal
3rd	5 lbs/0.4 gal	13 lbs/1 gal	18 lbs/1.4 gal.
4th/5th	1lb/0.07 gal	9lbs/0.67 gal	10 lbs/0.74 gal

1 gallon = 13.47 pounds @ 77°F

Replacing the cartridge filters on a third-generation machine with spin disk filters can achieve an overall efficiency almost as good as fourth- and fifth-generation machines.

Source: Dow Chemical

Words of Wisdom:

“We get old when regrets take the place of our dreams” – Jimmy Carter

“The only disability in life is a bad attitude” – Scott Hamilton



Drycleaning Technical Advisory Committee

The Technical Advisory Committee is an industry advisory group that consists of drycleaner owners and/or operators who meet semi-annually with KDHE and oversee the administration of the DFRTF.

John Neal, Hutchinson - (316) 663-5688

Robert Bayless, Great Bend - (316) 793-3576

Brian Gieber, Manhattan - (785) 539-4211

Ross Markle, Leavenworth - (913) 682-3535

Scott Shmalberg, Lawrence - (785) 843-0639

Darrel Spoon, Olathe - (816) 516-5675

National News - State Programs

A recent article on the front page of the September 2000 issue of *National Clothesline* discussed a national group consisting of states with drycleaner cleanup programs. Kansas is a member of this group which is called the State Coalition for Remediation of Drycleaners. The coalition is funded by the EPA Technology Innovation Office to identify good remediation technologies. The article states that some member states are seeking changes to the funding of their respective programs. Even though additional funding for Kansas Drycleaning Program could benefit the effort to clean up contaminated facilities, KDHE is not actively seeking additional funding. The actual funds received are approximately equal to what was anticipated. The current practice is to rank sites by priority based on the health risk to human health and the environment. Higher ranked sites receive the priority funding for assessments and cleanup.



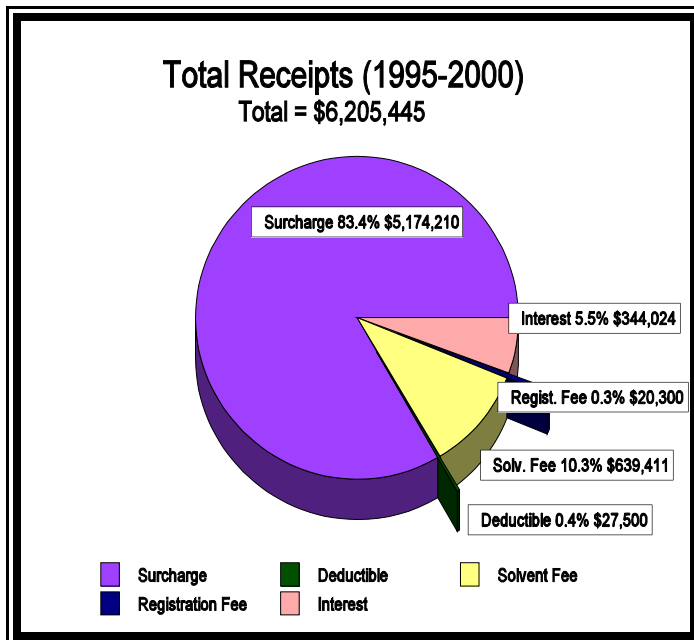
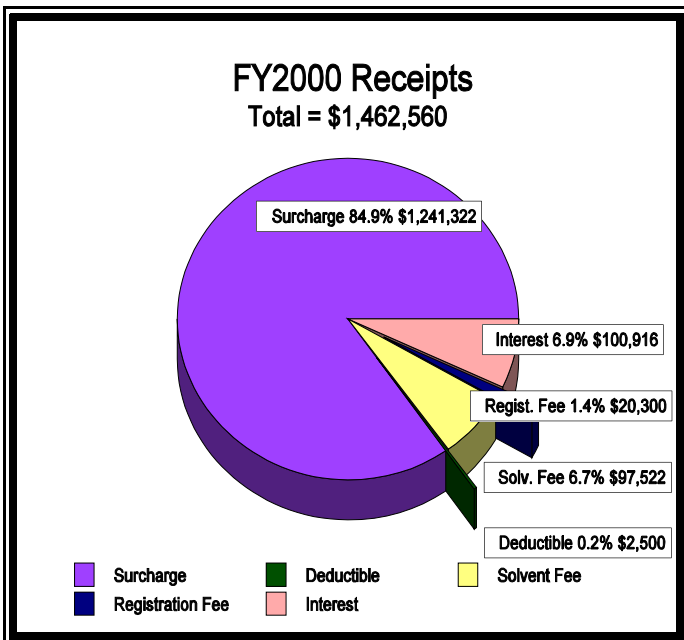
State Coalition for Remediation of Drycleaners core members include:

- | | |
|-----------|----------------|
| Alabama | North Carolina |
| Florida | Oregon |
| Illinois | South Carolina |
| Kansas | Tennessee |
| Minnesota | Wisconsin |
| Missouri | |

Connecticut has a program, but is not a member of the coalition. Several other states considering programs also attend the meetings.

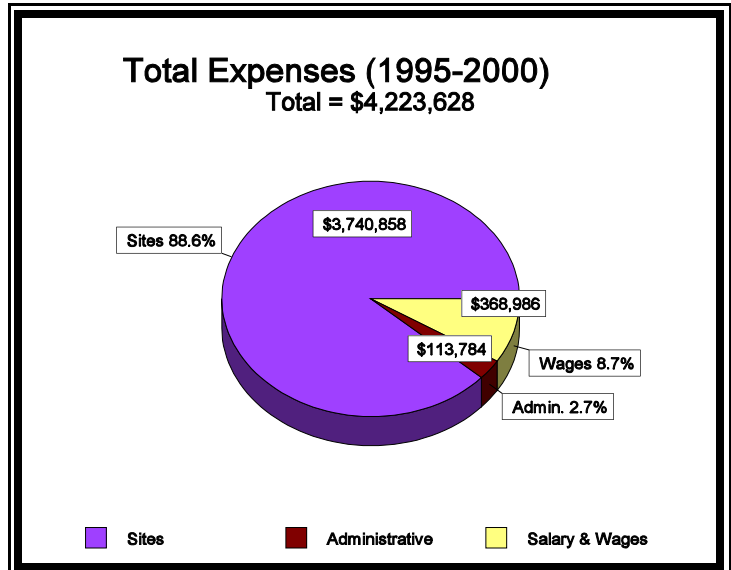
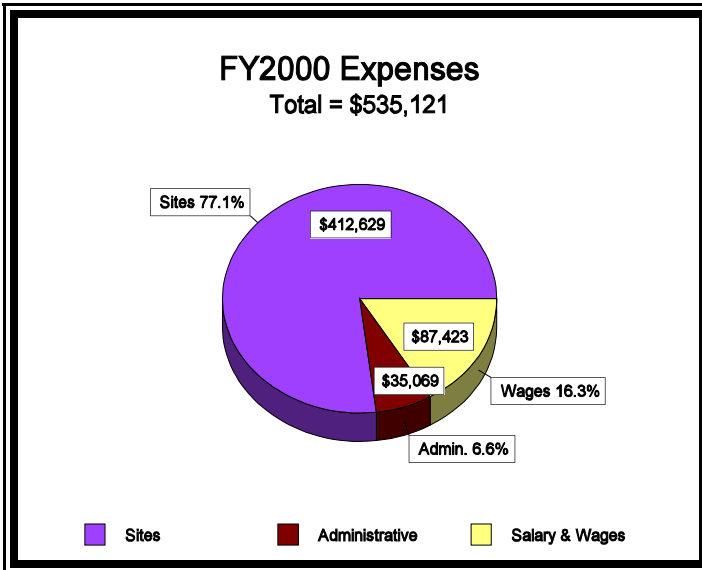
Trust Fund Receipts

Trust fund receipts include the gross receipts surcharge, solvent fee, site deductibles for active sites, registration fees, and interest generated from the fund account. The following charts depict fiscal year 2000 (7/1/99 - 6/30/00) and funds received from the start of this program on July 1, 1995 to June 30, 2000.



Trust Fund Expenditures

Trust fund expenditures are generally categorized into site activities, administrative, and wages. Site activities involves assessment and cleanup of drycleaning facilities. Administrative includes communications, building rent, office supplies, vehicles, etc. Wages include salaries and benefits for KDHE personnel. The following charts depict fiscal year 2000 expenses (7/1/99 - 6/30/00) and fund expenditures from the start of this program on July 1, 1995 to June 30, 2000. FY2000 expense percentages are higher due to sites requiring budgeted funds to be held over one year and added to FY2001 budget to help pay for the high cost of proposed remediation systems.



Program Discussion

Facilities are able to request acceptance into the trust fund by submitting an application to KDHE. KDHE reviews the application to ensure all the required information has been provided. After a site has been accepted, a priority ranking is completed based on risk to human health and the environment. Sites are then funded based on the priority ranking. The Drycleaning Program uses KDHE project managers to determine assessment and remediation objectives at drycleaning facility sites. An environmental consultant implements the work as determined by KDHE. BE&K/Terranext, Lenexa, Kansas is KDHE's primary consultant for the current contract, which runs through Spring 2002.

Facilities Accepted into Drycleaning Program (City - # of Facilities(Status))

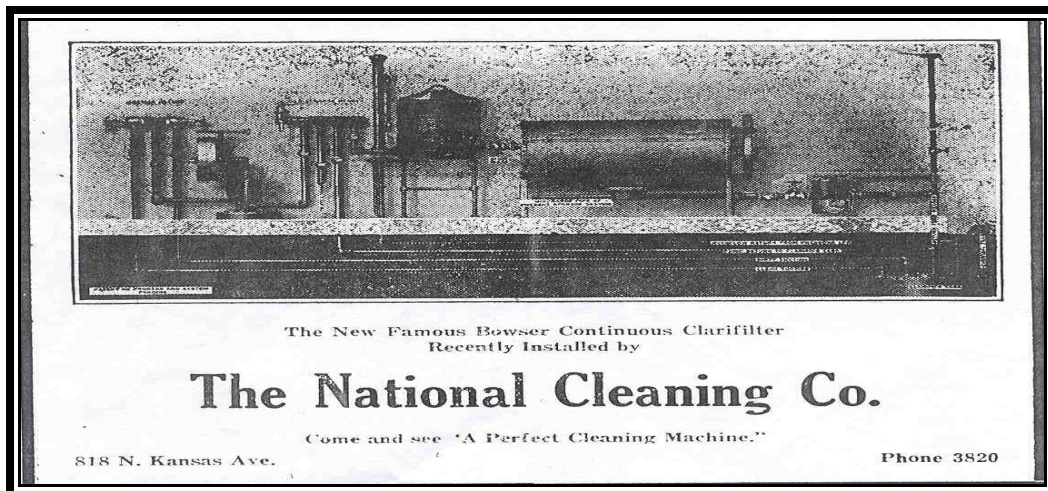
Concordia - 2 (1 M & 1 P)	Derby - 2 (1 A & 1 P)	Downs - 1 A
Emporia - 1 A	Garden City - 1 A	Goodland - 2 A
Hays - 3 A	Hugoton - 1 A	Hutchinson - 4 (3 A & 1 M)
Kansas City - 1 P	Lenexa - 3 P	Manhattan - 2 A
McPherson - 1 A	Neodesha - 1 A	Newton - 1 P
Olathe - 3 P	Overland Park - 2 P	Pratt - 1 A
Salina - 5 A	Topeka - 1 P	Wichita - 18 (4 A & 14 P)

Several other facilities have been identified as contaminated by various other government programs or private investigations, but no responsible party, property owner, or municipality has made application to the trust fund.

Note: A = Actively assessing or remediating site, M = KDHE is monitoring the groundwater to ensure closure is acceptable, P = Site is pending work due to lack of funds.

Oldest Drycleaner

Have you ever wondered who was the first cleaning company in Kansas to use a drycleaning method? The machine pictured below was reported in the August 4, 1923 issue of *The North Topekan* as the newest technology in the cleaning industry and cleans to almost perfection all kinds of clothes. This machine used naptha as the solvent with the naptha being reused after a filtering process. The machine was reported as the only one of its kind in Topeka at that time and could remove every trace of grease and dirt. Send us your stories of the old machines to help find out who had the first machine in Kansas.



Food Firsts

John Stith Pemberton, a pharmacist in Atlanta, first concocted this soft drink in his backyard in 1886. He marketed the drink as a cure for upset stomach. Today we call it **Coke**.



Is that so? A Texan was on vacation in Ireland when he came across an old Irishman hoeing his small garden. The Texan stopped to talk to the old man and bragged "Back in Texas I have a ranch that is so big that some days I can get in my car and start driving and never reach the end of my property." The old Irishman looked up at the beaming Texan and responded "Yep, I once had a car like that too."

Drycleaner Registrations

Please remember that every drycleaning facility is required to submit a complete registration form and \$100 registration fee by January 1st of each calendar year.



KDHE will mail registration forms to all registered drycleaners prior to December 1, 2000. Facilities not submitting a registration

renewal by January 1, 2001 will be issued an administrative penalty. New facilities or changes in ownership must be registered within 30 days after assuming ownership of the facility. The registration form can also be downloaded from the KDHE drycleaning program website at www.kdhe.state.ks.us/dryclean. For additional information concerning registration requirements please call Rick Avila, KDHE at (785) 291-3121.

Salary Negotiations

Reaching the end of a job interview, the Human Resources person asked a young engineer fresh out of MIT, "And what starting salary were you looking for?"

The Engineer said, "In the neighborhood of \$125,000 a year depending on the benefits package."

The interviewer said, "Well what would you say to a package of 5 weeks vacation, 14 paid holidays, full medical and dental, company matching retirement fund to 50% of salary, and a company leased car every two years, say a corvette?"

The Engineer sat straight up in his chair and said, "WOW! Are you kidding?"

And the interviewer replied, "Yeah, but you started it."

Kansas Small Business Environmental Assistance Program

Services: Are you having difficulty figuring out all the environmental laws and statutes regulating your business? The Kansas Small Business Environmental Assistance Program (SBEAP) is available to help you remain compliant with these environmental regulations. SBEAP provides guidance in compliance and technical matters to businesses that otherwise could not have access to such help because of financial constraints. SBEAP emphasizes assistance designed to diminish the burden of compliance and the SBEAP staff will work with you to implement pollution prevention practices such as material substitution, process optimization, waste minimization, and recycling. All services provided by SBEAP are completely confidential, nonregulatory, and free. The SBEAP program is administered by the Pollution Prevention Institute at Kansas State University. The program is funded by the Kansas Department of Health and Environment but operates independently.



SBEAP Services include the following:

- On-site assessments
- Workshops
- Publications
- Web Site (SBEAP.org)
- Toll-free Technical Assistance Hotline (800/578-8898)

Drycleaning Compliance: SBEAP sponsored environmental compliance workshops for drycleaners in the spring of 1999 and 2000. In late 1999, all registered drycleaners were sent a compliance calendar. 2001 calendars will be available this fall and are intended to be used by facility managers to document weekly and bi-weekly required inspections, as well as hold other related environmental documents (e.g. solvent purchase tickets.) The calendars also contain emergency response information, corrective action forms, and pollution prevention guidelines. These calendars are specific to a facility's "source category," so call Nancy Larson with SBEAP at (800) 578-8898 if you need a calendar or have questions related to environmental compliance and pollution prevention.

Drycleaning Facility Inspections

KDHE has conducted compliance inspections at twenty-one drycleaning facilities. KDHE inspected the facilities for pollution prevention practices such as secondary containment, inspection and perc usage record keeping, waste handling, and direct coupling for solvent deliveries. Direct coupling devices must be permanently fixed to the machine to be considered compliant. Five facilities were considered to be in compliance with all Drycleaning Environmental Response Act regulations. Sixteen facilities had violations for no secondary containment on the machine and/or waste, as well as no documented record keeping. Facilities were given 90 days to come into compliance. KDHE conducted followup inspections and all facilities were in compliance. KDHE will begin scheduling random inspections on 25-30 facilities this winter.

Self inspection guidelines are available on the KDHE Drycleaning Program website at www.kdhe.state.ks.us/dryclean. If you do not have internet access or would like additional information please call KDHE at (785) 296-6370.

KDHE welcomes comments regarding this newsletter. To submit comments, add your name to our mailing list, or request additional copies of this newsletter please contact KDHE at (785) 296-6370, fax a request to Bob Jurgens at (785) 296-4823, or write to Bob Jurgens, KDHE-BER, Forbes Field, Bldg. 740, Topeka, KS 66620-0001.