

ACRONYMS AND GLOSSARY

BMP — Best Management Practice — Methods that have been determined to be the most effective, practical means of preventing or reducing pollution.

Domestic sewage — Sewage originating primarily from kitchen, bathroom, and laundry sources, including waste from food preparation, dishwashing, garbage-grinding, toilets, baths, showers, and sinks. Domestic sewage does not include wastewater generated by a commercial, manufacturing, or industrial process that includes chemicals not normally found in domestic sewage.

EPA — Environmental Protection Agency—The federal agency that enforces environmental laws.

KDHE — Kansas Department of Health and Environment — The KDHE’s mission is to optimize the promotion and protection of the health of Kansans through efficient and effective public health programs and services and through preservation, protection, and remediation of natural resources of the environment.

Lagoon — A shallow, artificial treatment pond where sunlight, bacterial action, and oxygen work to purify wastewater—a stabilization pond. An aerated lagoon is a treatment pond that uses oxygen to speed up the natural process of biological decomposition of organic wastes. A lagoon is regulated as a point source under the Clean Water Act, if there is a direct surface water discharge.

Material Safety Data Sheet (MSDS) — Documentation required for hazardous materials that identifies certain reportable hazardous ingredients, safety and health considerations, and safe handling procedures. The supplier or manufacturer furnishes these documents to the user.

OSHA — Occupational Safety and Health Administration — The Williams-Steiger Occupational Safety and Health Act of 1970 (OSHA) is a law designed to protect the health and safety of industrial workers and also the operators of water supply systems and treatment plants. OSHA also refers to the federal and state agencies which administrate OSHA regulations.

Pollution Prevention (P2) — Preventing wastes rather than using expensive treatment and control technologies on end-of-pipe wastes. P2 can decrease environmental liabilities, reduce waste disposal costs, and improve working conditions. It examines ways to eliminate or reduce pollution before it is generated, by changing working materials, practices, or technology, and by increasing efficient use of raw materials, energy, water, and other resources. P2 may be as simple as preventing spills and leaks through better housekeeping and maintenance, or as complex as switching solvent cleaning systems.

SBEAP — Small Business Environmental Assistance Program — Provides guidance in compliance and technical matters to businesses that would not have access to such help because of financial constraints. SBEAP staff will work with businesses to implement pollution prevention practices such as material substitution, process optimization, waste minimization, and recycling. All services are completely confidential, nonregulatory, and free. The SBEAP program is administered by the Pollution Prevention Institute (PPI) at Kansas State University for the Kansas Department of Health and Environment (KDHE). Contact PPI at 1-800-578-8898 or by e-mail at SBEAP@ksu.edu.

Septic system — An on-site system designed to treat and dispose of domestic sewage. A typical septic system consists of a tank and a soil absorption field, also known as laterals, drain field, or tile field. The tank receives waste from a residence or business and allows the solids to settle. Perforated piping distributes the liquids to the soil absorption field where the effluent is treated by natural physical, chemical, and biological processes. The sludge that remains in the tank after decomposition of the solids by bacteria must be pumped out periodically.

REFERENCES

Kansas State University Pollution Prevention Institute has numerous publications on environmental compliance and pollution prevention opportunities for small businesses. A publication list and order form is attached. Many publications are available on the World Wide Web at www.sbeap.org or by calling the Small Business Environmental Assistance Program hotline at 800-578-8898. Kansas State University Research and Extension has several bulletins on protecting your water supply. Publications from Research and Extension are available on the World Wide Web at <http://www.oznet.ksu.edu> or by contacting Biological & Agricultural Engineering at 785-532-5813. Publications from the Kansas Department of Health and Environment are available on its Web site at <http://www.kdhe.state.ks.us/environment/index.html> or by calling 785-296-1535. Some references that may be helpful to your business are presented below.

PRIVATE WATER WELLS:

- Extension: *Private Water Well Owner/Operator Manual*, MF-2409
- Extension: *Private Well Location and Construction*, MF-970
- Extension: *Shock Chlorination for Private Water Systems*, MF-911
- Extension: *Recommended Water Tests for Private Wells*, MF-871
- Extension: *Testing To Help Ensure Safe Drinking Water*, MF-951
- *Hazardous Waste Minimization Checklist & Assessment Manual for Jewelry Manufacturers*, California Environmental Protection Agency, Department of Toxic Substances Control, Office of Pollution Prevention and Technology Development, September 1994. (916-322-3670)
- *Jewelry Manufacturing Industry Waste Minimization* fact sheet, California Environmental Protection Agency, Department of Toxic Substances Control, Office of Pollution Prevention and Technology Development, January 1995. (916-322-3670)

WELL AND HOLE PLUGGING:

- Extension: *Plugging Abandoned Wells*, MF-935
- Extension: *Plugging Cisterns, Cesspools, Septic Tanks and Other Holes*, MF-2246

WASTEWATER:

- KDHE Inventory Forms
- KDHE *Bulletin 4-2, Minimum Standards for Design and Construction of On-site Wastewater Systems*

STORM WATER:

- SBEAP Fact Sheet: *Storm Water: Questions & Answers*

WASTE:

- KDHE *Hazardous Waste Generator Handbook*
- KDHE Technical Guidance Documents are available at www.kdhe.state.ks.us/waste or by calling 785-296-1600

AIR INFORMATION:

- SBEAP Fact Sheet: *What Is the Kansas Air Quality Act?*
- SBEAP Fact Sheet: *Preventing Accidental Releases Under the Clean Air Act*

HOUSEHOLD PRODUCTS:

- KDHE Fact Sheet: *Cleaners in the Home*

HEALTH INFORMATION FOR ARTISTS:

- *The Artist's Complete Health and Safety Guide*, Monona Rossol
- *Health Hazards Manual for Artists*, Michael McCann
- *Artist Beware*, Michael McCann

FOR ASSISTANCE, PLEASE CONTACT:

- Small Business Environmental Assistance Program at
KSU Pollution Prevention Institute (800-578-8898) www.sbeap.org
- Local health or environmental office
- County or district extension office
- K-State Research and Extension, Bio. & Ag. Engineering (785-532-5813)
- Kansas Geological Survey (785-864-3965) www.kgs.ukans.edu
- KDHE, Division of Environment, Non-point Source Section (785-296-4195) www.kdhe.state.ks.us/nps
- KDHE On-site Septic Systems (785-296-5560)
- KDHE On-site Lagoons (785-296-6804)
- KDHE Water Well Program (785-296-3565)

KDHE District Offices

– Northwest District Office
2301 East 13th Street
Hays, KS 67601-2651
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– Southwest District Office
302 West McArtor Road
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– North Central District Office
2501 Market Place, Suite D
Salina, KS 67401
Phone 785-827-9639

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– South Central District Office
130 South Market, 6th Floor
Wichita, KS 67202-3802
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– Northeast District Office
800 West 24th Street
Lawrence, KS 66046-4417
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– Southeast District Office
1500 West 17th
Chanute, KS 66720-9701
Phone 316-431-2390

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FOR SPILL REPORTING:

KDHE Spill Line: 785-296-1679

After business hours: 785-296-0614

Notes: