

Helping Communities Keep EDCs Out of the Water

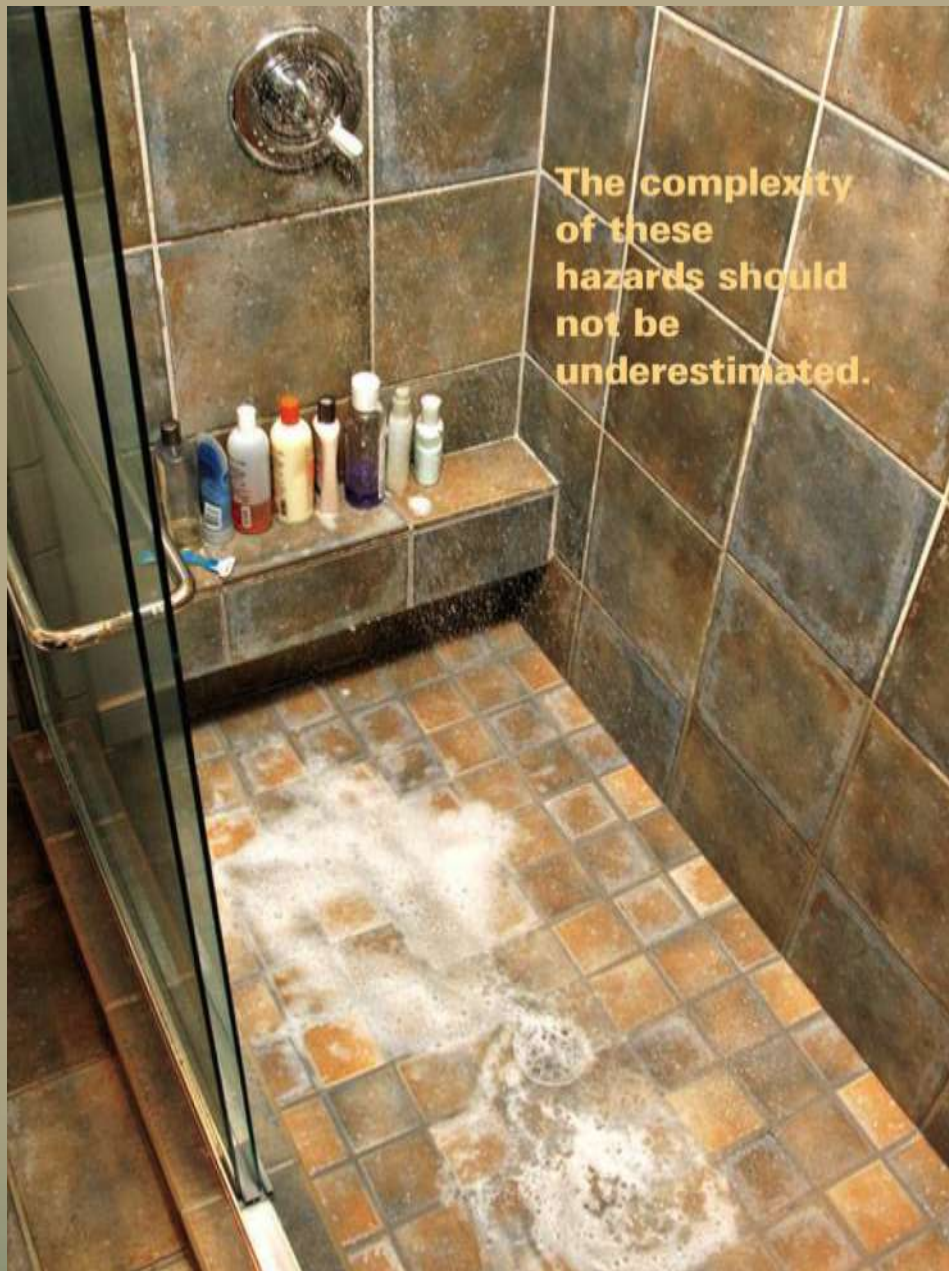


Image: Wisconsin Department of Natural Resources

Openlands and the Metropolitan Planning Council
15 September 2011



Laura Kammin, Pollution Prevention Program Specialist,
Illinois-Indiana Sea Grant, University of Illinois



The complexity of these hazards should not be underestimated.

Concerns about

Tangelo Orange Twist

and

Sugar Lemon Fizz

???

Source: Los Angeles Times, July 18, 2011

Triclosan: Is Bath & Body Works' new soap harmful to teens?

July 18, 2011 | 7:27 pm



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Health and environmental groups have mounted a campaign against Bath & Body Works, urging the retailer to stop selling its line of "Summertime Scent" soaps that contain triclosan, a chemical categorized as a pesticide.

Scientific studies have linked triclosan to hormone disruption, which could be hazardous to teenagers whose bodies are still developing.

"A chemical like triclosan that can disrupt hormones and may affect fetal growth and development does not belong in our soap," said Lisa Archer, director of the San Francisco-based Campaign for Safe Cosmetics at the Breast Cancer Fund. "Studies show that triclosan is no more effective at preventing illness or removing germs than soap and water."

The line, which includes products with names like "Tangelo Orange Twist" and "Sugar Lemon Fizz," is marketed to teenagers using the slogan "spread love, not germs."

According to the Breast Cancer Fund, major companies, including Johnson & Johnson, L'Oreal, The Body Shop, and Staples, are either no longer using the chemical or are phasing it out of products. Colgate-Palmolive has eliminated triclosan from its dishwashing liquids and Softsoap hand soaps, but continues to use the chemical in Total brand toothpaste.

"Thanks to the companies that are recognizing it is unwise and unnecessary to expose their customers to triclosan, the market is starting to move away from this hazardous chemical. But we are disappointed that companies like Bath & Body Works continue to sell products containing this toxic chemical, especially those marketed to teenagers," Archer said.

Despite its widespread use as a germ-killer in consumer products, the Food and Drug Administration says that triclosan is **no more effective** than soap and water at preventing illness or eliminating germs.

Sources of EDCs

- ➔ • Many prescription and OTC medicines
- Personal care products (cosmetics, lotions, soaps, etc.)
- Backyard burning (release dioxins, etc.)
- Use of pesticides, herbicides, and fertilizers on our lawns

Issues and Barriers

- Communicating the issue
- Lack of conclusive research on long-term effects
- Controlled Substances Act
- Funding for staff, disposal & publicity
- Privacy of medical information
- Convenience: Collection programs vs. Flushing or Trash

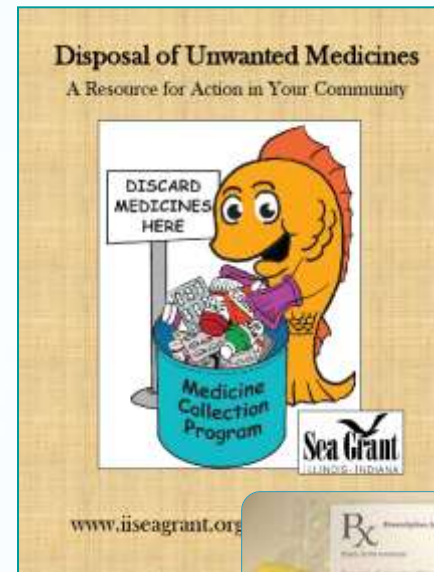


Outreach

Disposal of Unwanted Medicines: A Resource for Action in Your Community

Content:

1. Introduction to the issue
2. Case Studies of Take-Back Programs
3. How to Hold a Collection Event
4. Materials for Public Outreach and Education
5. Pharmaceutical Donation/Take-Back Legislation
6. International Policy on Medicine Donations
7. Bibliography on Pharmaceuticals, the Environment, and Human Health
8. PowerPoint Presentation



<http://www.unwantedmeds.org>

Unwanted Medication Collection

- Local take-back programs
 - Single-day events
 - Permanent collection programs
- DEA takebacks
 - 1st: September 2010: 242,000 lbs (121 tons)
 - 2nd: April 2011: 376,593 (188 tons)
 - 3rd: October 29, 2011
- Mail-back envelopes



Medication Collection Programs



Mail-back Envelopes



INSTRUCTIONS FOR USE

Thank you for using the **TakeAway™** to safely dispose of your unwanted medications. Your decision to help keep prescription and over-the-counter drugs out of the environment protects not only you and your family, but also helps prevent drugs from entering the ecosystem.

Do's

1. *Pharmaceuticals must be in their original containers when placed into the TakeAway™ envelope.*
2. *Liquids must be placed in a sealed plastic bag (e.g. a zip-locked bag) before being placed inside the envelope. No more than four (4) ounces of liquids can be included in each mailing.*
4. *Seal the envelope carefully.*
6. *Place the sealed envelope in a drop box at your U.S. Post Office, give to your postal carrier, or call the U.S. Postal Service for a pick up.*
4. *Call Sharps Compliance, Inc. at 800.772.5657 if you have any questions regarding packaging requirements.*

Dont's

1. *DO NOT mail syringes or sharps in this envelope.*
2. *DO NOT OVERFILL THE ENVELOPE.*
3. *DO NOT send control drugs. Questions? Check with your pharmacist.*
4. *DO NOT take this mailback package to your pharmacy.*



Item #00000 / 000000_A 091009



Manufactured by: Sharps Compliance, Inc.

800.772.5657 / www.sharpsinc.com

Legislation

National

- Secure and Responsible Drug Disposal Act of 2010

Illinois

- Household Pharmaceutical Disposal Fund (HB2056, Public Act 97-0545)
- Safe Pharmaceutical Disposal Act (HB3090, Public Act 97-0546)



Education

- Medicine Chest Curriculum developed in partnership with the P2D2 Program at Pontiac Township High School
- Sensible Disposal Curriculum developed by Purdue Extension and IISG
- Integration of “Do Not Flush” message into displays, games, brochures, billboards, collection boxes



LAWN TO LAKE

Healthy Landscapes, Healthy Lakes

Natural Lawn Care and Sustainable Landscapes Workshop

A workshop for landscape companies, turf managers, homeowner associations, and municipalities.

This workshop will include sessions on:

- Introduction to natural lawn care
- Implementing a natural lawn care program
- What to look for in contracts
- Greening your ordinances
- Creating a rain-friendly landscape

Don't miss out on this opportunity to learn how to create and implement cost-effective sustainable landscaping programs in your community.

COST:
\$25, free to CLC students upon registration.

Visit <http://www.libertyprairie.org/events.html#workshop> for registration information. For more information, email info@libertyprairie.org or call (847) 548-5989 x33.

Thursday, October 13, 2011
8:00 a.m. to 12:30 p.m.

Continental breakfast and free parking provided

Room C005
College of Lake County,
Grayslake Campus
19351 W. Washington St.
Grayslake, IL 60030

MAPS & DIRECTIONS:

<http://www.clcillinois.edu/aboutclc/grayslake.asp>

The event will be held in the lower level C Wing conference area. Please enter in the C Wing entrance and take the stairs to the lower level.

Presented by

LAWN TO LAKE
Healthy Landscapes, Healthy Lakes

College of Lake County



WPDI Workforce and Professional
Development Institute





Learn Not to Burn

Successful Alternatives to Backyard Trash Burning



A billboard advertisement with a yellow and white background. On the left, a circular image shows a rusty metal barrel filled with trash, with a large black 'X' over it. To the right, the text reads: "BURNING GARBAGE Unhealthy Unsafe Against the Law!" Below this, it says "St. Louis County Solid Waste Department 1-800-450-9278". The billboard is mounted on a black metal post with a "LAMAR" logo on the top left.



To Learn More...



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www.unwanted.meds.org

