

Wake Up!

Do you know a customer or a user who causes you...?





pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION



BUREAU OF CLEAN WATER

Educating Your Users & Owner

Responsibilities of Clean Water Professionals

Course ID# 7122

Objectives

- The professional wastewater system operator
- Customer actions that create interference, pass-through and violations
- Public outreach, education, participation

Professionalism

Commonwealth of Pennsylvania

Department of Environmental Protection

*In accordance with the
State Board for Certification of Water and Wastewater Systems Operators
and the Regulations of the
Department of Environmental Protection*

Operator Certification

Is Hereby Authorized to Operate
WASTEWATER SYSTEM

Class: A,E, Wastewater
Subclass: 1,2,3,4

Client ID: 194360

Issue Date Jan 28, 2015
Expiration Date Dec 31, 2017

System Value & Performance

Joseph J. Swandorcki
Board Chairman

Certificate No. S8589

Facility Tours & Meetings

- Students
- Watershed Assoc.
- Open House



*School groups
& scout troops!*

▶ Newsletters / Bill Stuffers / Brochures

Beware of the "Unflushables"

Sewers are designed to take away used dirty water from sinks, baths, showers, laundries, and toilets. Flushing away "unflushables" adds to the cost of operating and maintaining your sewers and the treatment plants. Putting trash down toilets and drains causes blockages in sewers and possible damage to the environment.

Unflushables: baby wipes, adult wipes, paper towels, disposable diapers, feminine products, bandages, Q-tips, dental floss, socks, underwear, sanitary towels and incontinence pads, razors and blades, and medicines.

It's a Toilet, Not a Trashcan!



DON'T FLUSH TROUBLE!

THESE ITEMS BELONG IN
THE TRASH CAN!



Cleaning wipes



Disposable diapers,
nursing pads & baby wipes



Hair



USE THE TRASH CAN,
NOT THE TOILET!



Grease



Condoms



Facial wipes



Tampons and pads

The label might say "flushable," but disposable wipes and other products are clogging our sewer lines and damaging pumps and other equipment. Not only are these problems expensive to fix, they can also cause raw sewage overflows into homes, businesses and local waterways. So, think trash, not toilets!

To learn more, including how to get rid of things you no longer want or need, visit us on the Web at <http://www.kingcounty.gov/wtd> or call the Wastewater Treatment Division at 206-477-5371 or 711 TTY.



King County

Department of Natural Resources and Parks
Wastewater Treatment Division

IMPORTANT NOTICE FROM SUSQUEHANNA TOWNSHIP AUTHORITY

From time to time, sewer lines may unfortunately experience backup conditions resulting in sewage entering your home through drains or other plumbing facilities. Such conditions are normally the result of line blockages despite regular cleaning and root cutting by the Authority throughout its system. If such conditions do occur, please immediately contact the Authority at


You Tube / Facebook


WEF: Will It Flush? <http://youtu.be/SLTVqkXVvNk>



Will It Flush? Video

Water Environment Federation

 www.wef.org

 **Subscribe** 1,180

www.youtube.com/watch?v=bSFfNwRLQuQ



Impacts to System & Environment

Palmer Township acts after grease clogs
sewer mains+



Interference or Pass-Through

- “Flushable” wipes
- Port-a-Potty chemicals
- PCPs – fines / plastics / siloxanes
- Toxic substances – IW, commercial
- Drugs – OTC, prescription, illicit
- Hauled Wastes

Proper System Use & Proper Disposal

What:

Do Not Flush list
 What Do I Do With...?
 Household Waste

HOUSEHOLD WASTE CHART*

The following chart from the Water Environment Federation will show you effective ways to dispose of household waste and contribute to a sustainable clean environment.

Blue waves \approx indicate products which can be poured down the drain with plenty of water. If you have a septic tank, additional caution should be exercised when dumping these items down the drain. In fact, because septic systems rely on healthy bacteria, there are certain chemical substances that cannot be used with them. Be sure to read the labels to determine if a product could damage septic systems.

KITCHEN	TYPIC OF WASTE DISPOSAL			
Aluminum cleaners		▼		
Ammonia-based cleaners	Ps			
Bug sprays			⊗	
Drain cleaners			⊗	
Egg shells		▼		
Floor care products			⊗	
Furniture polish			⊗	
Metal polish with solvent			⊗	
Window cleaner		▼		

Yellow triangles ▼ indicate materials not be poured down the drain, but disposed of in a sanitary landfill or that medicines can often be taken drug take-back program or mixed substances such as kitty litter or c (except narcotics) can also be disc regular trash. Be sure the material before it is put out for collection or The red octagons ⊗ indicate hazardous materials that should be saved for collection day or given to a licensed contractor when left over or unused containers should be taken to a local one is available.)

GARAGE
Antifreeze
Automatic transmission fluid
Auto body repair products
Battery acid (or battery)
Brake fluid
Car wax with solvent
Diesel fuel
Fuel additives
Fuel oil




Not Down My Drain!

- X cleaners
- X beauty products
- X medicine
- X auto fluids
- X paint
- X lawn care products
- X grease
- X diapers
- X condoms
- X feminine hygiene products
- X motor oil
- X photographic chemicals

For more information on the wastewater treatment process, please contact your local health or public works department. Please visit www.epa.gov/owen for more information on wastewater treatment.

EPA
 United States Environmental Protection Agency
 EPA 83 27-03-009
 December 20 02

HOUSEHOLD HAZARDOUS WASTE (HHW)



What can YOU do about it?

www.wef.org/PublicInformation

Proper System Use & Proper Disposal

Where:

County Hazardous Waste Programs

Drug Take-Back: April 30, 2016

www.dea diversion.usdoj.gov/drug_disposal/takeback/

RECYCLING GUIDE

Have something to recycle?
Find out how and where!



www.earth911.com

DEP > Businesses > Land > Waste > Solid Waste > Hazardous Waste Program > Household

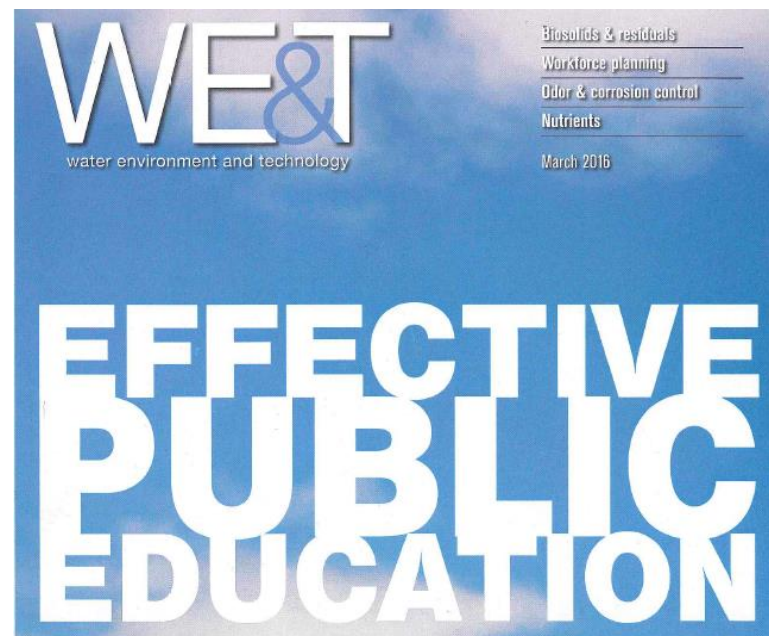
HOUSEHOLD HAZARDOUS
WASTE PROGRAM

LPT Police Accepts Unused Prescription Drugs

Township residents can dispose of out-of-date and unused prescription drugs and over-the-counter medicines in a special MedReturn Drug Collection Unit located in the police reception

Summary & Check

- ✓ Public outreach activities
- ✓ Public education resources
- ✓ Customer impacts on system
- ✓ Customer engagement
- ✓ Transparency = information





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