

WPUNJ

PPO

2010

# STORMWATER TRAINING

# The Mystery

Have you ever looked at the curb while driving or walking and wondered where all of the cigarette butts, candy wrapper, etc. came from?

And where do they go?

# “Nonpoint Source” Pollution or “NPS”.

This is “people pollution” or  
“pointless pollution”.

We are part of the problem  
but  
we are also part of the solution.

The following items are ways  
we can help alleviate this  
problem

AND

Protect Our Water Sources

# Why is water important?

- It is an essential part of our lives. We need it to drink, cook, bathe, and clean. Industries and businesses need it for manufacturing. Farmers need it for their crops. Fish live in it and animals depend on it for survival.
- Approximately 1.4 quintillion cubic meters of it are on Earth.
- Less than 1% of that is fresh usable water. It is a limited amount.

# Help to Keep Our Water Clean

- Don't litter
- Keep pollution out of storm drains
- Don't feed wildlife
- Properly use and dispose of hazardous products
- Dispose of yard waste properly
- Limit use of fertilizer and pesticides
- Clean up after your pet

# LAW effective April 1, 2004

- Law covers any employer, town or municipality that has more than 1000 people
- Each location must develop a SWPP Storm Water Pollution Plan
- Plan must be approved by the state
- Plan requires compliance and annual reporting

# State Required reports

- Mapping of outfall pipes
- Labeling of all open drains
- Inspection of all connections
- Street sweeping log
- Repairs and upgrading to any storm drains
- Catch basin inspection and cleaning
- Road erosion maintenance
- De-icing and sand storage handling
- Fuel operations and spill clean up
- Vehicle maintenance
- Good housekeeping practices
- Employee training



# WPU is required to do: Mapping of outfalls & Inspection for Illicit Connections

- Maintain a property map marked with all outfall pipes marked
- WPU currently has 35 outfalls
- Physical inspection of all outfalls
- Report any unusual connections or flows of liquids
- Label storm water connections
- WPU has labeled 295 locations on campus

# Handling of De-icing Material

- Material will be kept in enclosed storage structures that will prevent precipitation from contacting material
- Clean up of the area will follow every loading or unloading of bulk material
- Equipment for application of material will be cleaned by first dry brushed or scraping excess material away before rinsing with clean water
- Excess material deposited because of stopping, etc. must be cleaned up

# Littering

- Litter is defined as any used or unconsumed substance or waste material which has been discarded improperly. Not placed in a proper disposal container.
- Besides being an eyesore, it is a waste of resources of time, man hours and money.

# Do Not Feed Wildlife

- Feeding of wildlife is prohibited on WPUNJ to protect public health, safety and welfare
- No pets are allowed to be kept on university property
- Feeding is to give, place, expose, deposit, distribute or scatter any edible material on the ground or in surface waters with the intention of feeding, attracting or enticing wildlife
- Wildlife is defined as all animals that are neither human nor domesticated and includes, but not limited to deer, fish, waterfowl, rodents and small mammals

# Recycling

- Recycling defined
  - Recycling means any process by which materials which otherwise become solid waste are collected, separated or processed and returned to the economical mainstream in the form of raw materials or products
- What do we recycle at WPUNJ
- Why recycle – benefits of recycling

# What do we recycle at WPUNJ

- The following items are collected or separated from the solid waste stream
  - Mixed paper of all sorts
  - Cardboard, flattened
  - Batteries, both auto and personal
  - Inkjet and toner cartridges
  - Any consumer electronic equipment, to include but not limited to computers, TV's, phones, cameras, etc.
  - Light tubes, bulbs and ballasts along with any item containing mercury

# Other items we recycle at WPUNJ

- Tires
- University used oil and antifreeze
- Metals of all types
- Commingled items of glass, metal or plastic as in beverage containers
- Concrete and blacktop
- Most wooden pallets
- University paints, both oil and latex
- Other items to be added as needed or turn up

# Why recycle – benefits of recycling

- It is the Law – NJAC 7:26 **but** it pays and is the correct thing to do
- Economic benefits
  - Reduces the cost of solid waste disposal
  - Can save money
  - Can generate money
  - Creates new jobs within the state
  - Creates new businesses
- Natural resource conservation
  - Saves natural resources
  - Conserves energy
  - Reduces the emissions of air and water pollutants
  - Reduces greenhouse gasses



# What you can do to help

- Conserve material
- Follow rules and procedures
- Report violations of the rules / procedures
- Cooperate and assist others in doing the correct things
- Make suggestions on items to recycle or ways to improve the current system