



Custodial Services related to the Multiple Separate Storm Sewer System (MS4) permit

see blue.
in everything we do.

National Pollutant Discharge Elimination System (NPDES)

- Product of the Clean Water Act of 1972
- Point and Non-point source pollutants
- Targets operators of Municipal Separate Storm Sewer Systems (MS4s)
- Phase I 1993 – Lexington and Louisville
- Phase II 2003
 - Added Other MS4s like the University of Kentucky
 - Managed by Environmental Management





The 6 Minimum Control Measures (MCM)

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Runoff Control
- Post Construction Storm Water Management
- Good Housekeeping for Municipal Operations



Where does storm water go?

When it rains, a large amount of storm water . . .



Runs off of
impervious surfaces



Enters the storm
drain system



Is directed straight to
the stream



ILLICIT DISCHARGE, DETECTION AND ELIMINATION (IDDE)

- **Illicit Discharge:** any discharge to an MS4 that is not composed entirely of storm water.
- **Sources:** illegal dumping, broken lines, cross connections, floor drains, SSOs, I&I, straight pipes, poor septic systems, FLOOR WAX!, etc.





MCM 6: Good Housekeeping

- Physical Plant Operations
 - Equipment wash
 - Salt storage
 - Street Sweeping
 - Mowing
 - Storm sewer O&M
 - Heat & Cool System
 - BMP O&M
 - SPCC
 - Oil collection
 - Chemical storage
- Athletic Field Maintenance
 - Paints, fert., fung., herb.
- Custodial Operations
- Recycling Program
- Employee Training
- Capital Projects
- Hazard Waste Disposal





Report an Illicit Discharge Hotline

To report an illicit discharge, spill, or unusual surface water condition, call the numbers below:

- Between 8:00am - 5:00 pm M-F
- 859-323-6280

After Hours and Weekends

- 911 (from on-campus phones) or
- 859-257-UKPD (8573)



What you can do...

Consider these things as you work:

- Know the rules and policies for your job
- Store cleaning materials per the manufacturer's directions, and away from storm drains or floor drains. Outdoor storage should be covered or enclosed
- Learn if drains are connected to sanitary sewer or storm sewer
- Dispose of chemicals and other waste properly
- Wash equipment in designated areas and away from storm drain inlets
- Clean up spills promptly. Know the location of spill cleanup materials and written procedures
- Report dumping into the storm drains to your supervisor or the Illicit Discharge Hotline.
- Lead by example and tell students, faculty, and staff what you are doing to prevent stormwater pollution
- We all make mistakes... monitor results and adjust your procedures to improve efficiency, performance, and quality of work. *There is always a better way!*



Test Question 1

Q: Which of these activities is NOT part of the MS4 permit program?

- a. Public Education
- b. Illicit Discharge Detection and Elimination
- c. Good Housekeeping
- d. Recycling

A: d.



Test Question 2

Q: True or False? Storm water goes to a waste water treatment plant for cleaning prior to being released to the streams.

A: False



Test Question 3

Q: True or False? It is OK to pour used chemicals down a storm drain.

A: False.



Test Question 4

Q: Where can you go to get written guidance on Custodial Services?

- a. your supervisor
- b. Environmental Management
- c. websites
- d. all of the above

A: d.



Test Question 5

Q: True or False? On campus, the Lexington Fire Department is the department that responds to spills.

A: False.

