

# MUNICIPAL NPDES Refresher

Illicit Discharge

BMPs

Spill Response

NPDES is the National Pollutant Discharge Elimination System. Whew! Just think 'Clean Water Act'.

Illicit Discharge – any discharge not comprised entirely of stormwater. May be construction, commercial, industrial or residential in nature.

The material may be anything that causes a problem.

Call Natural Resources 533-8135 to report.

We often see dirt in the water:



- \* Physical Effects
- \* Biological Effects
- \* Violates The NPDES Permit with FDEP
- \* This is called turbid water.





Someone's back yard caused this -  
Even small sites can effect water quality!  
REPORT THIS

**IF THE DISCHARGE AFFECTS THE RIGHT OF WAY (ROW),  
CALL!**



**Hose from Dewatering Operation**

# Problem Pipes to ROW



These pipes can discharge human waste, gray water, chlorinated pool water, and generally anything that is NOT stormwater.

# Problem Hoses

## Washing machine to County catch basin – to River



# Protect the ROW!





# Commercial Illicit Discharges



This was described as 'Biodegradable Degreaser'. If it doesn't degrade into stormwater, it may NOT go into a storm system. Private systems are linked to County systems; violations can occur on private property!



# MUNICIPAL ROW

This is dirt  
tracked from a  
construction site  
onto municipal  
road.

Call this in to  
Natural  
Resources  
533-8135

Grass clippings can not be left on  
impervious surfaces because...



...they enter a storm system where they break down into nutrients that feed algae.



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# Report Lift station Problems if you see them



# BMPs (Best Management Practices) We Can Use to Control Water Quality Issues



# Erosion Control Matting



# BMP for Washout of ROW





# Berm off the problem area/work area



# Use curtain when working along waterway



# Spills

Reportable Spill > 25 gallons

On pavement

Off pavement – if the spill enters a waterway,  
any amount must be reported.

State Watch Office 800-320-0519

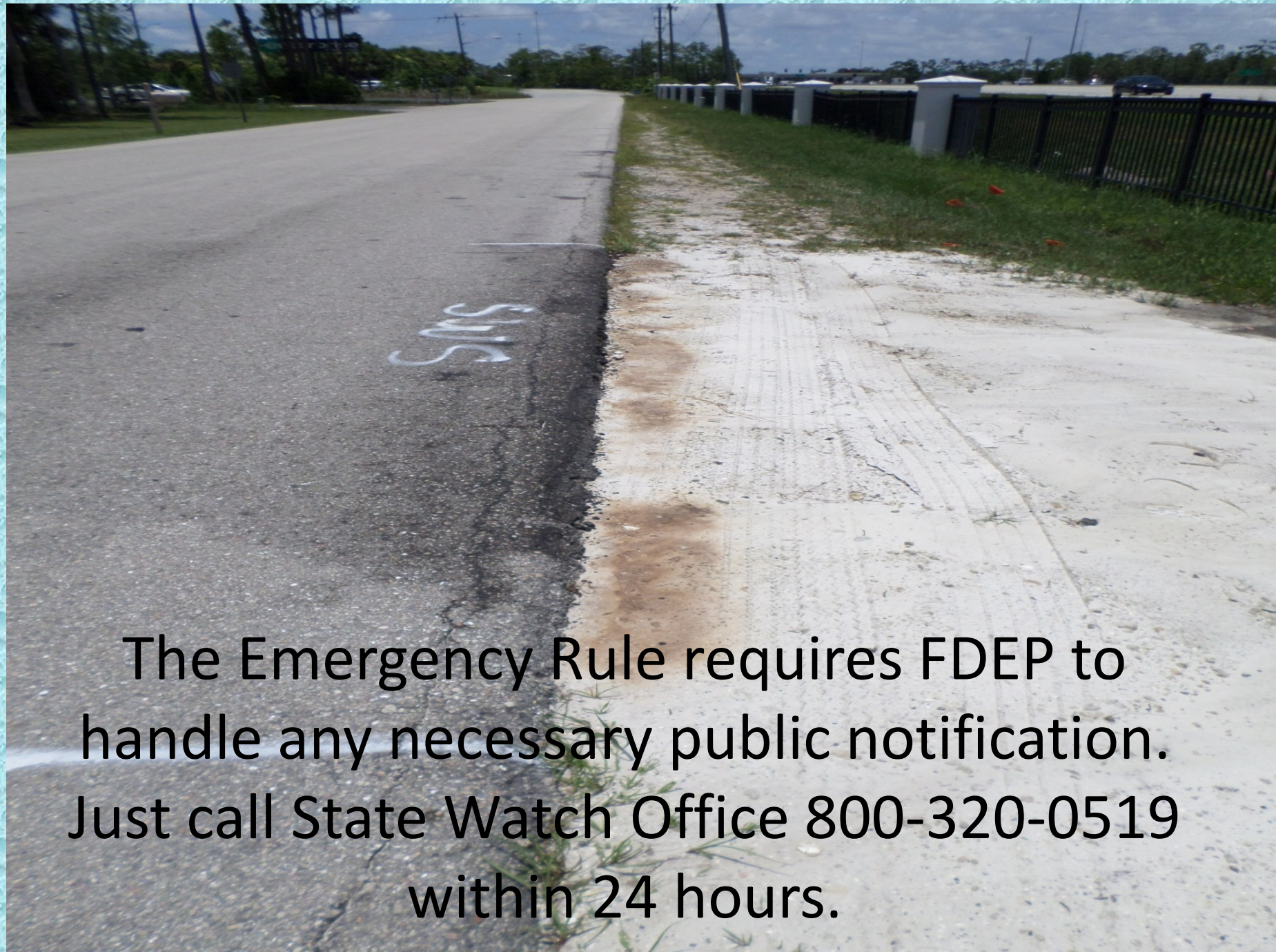
# Spills – on pavement



**After necessary reporting, Municipality/ Development may conduct cleanup without FDEP oversight.**

# Off Pavement

FDER must be involved in oversight of clean up. They are notified via State Watch Office



The Emergency Rule requires FDEP to handle any necessary public notification. Just call State Watch Office 800-320-0519 within 24 hours.

Remember to always work safely!



# Questions

1. When I am out in the field, I should call in an illicit discharge if I notice one.

Y/ N

2. An Illicit Discharge is anything entering a stormwater system that is not stormwater and causes a problem.

Y/ N

3. Best Management Practices (BMPs) can be used to keep dirty water controlled. Y/N