CURRENT ISSUES FROM THE PERSPECTIVE: OKLAHOMA MUNICIPALITIES

GOVERNOR'S WATER CONFERENCE

November 13, 2012

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What is stormwater?
What is a discharge?

Stormwater is rainfall.

Run-off carries potential pollutants as a discharge.

It’s just dirt.

How can that hurt?

NOI and Site Notice.

CONSTRUCTION ENTRANCE
HARD HATS
REQUIRED
12 10:04 AM

Details of a SWP3

Describe site and schedule of activities

- Drainage patterns, soil disturbance, structural controls, material inventory, equipment storage, process flow, etc.

Identify potential contaminants

- Sediment, glue, paint, fuel, oil, trash, lunch wrappers from subcontractors, chemical toilets, etc.

Describe BMPs and controls

- Silt fences, earthen or rock berms, compost or mulch socks, inlet protection, sedimentation basins, retaining walls, velocity disruptors, containment, etc.

Record maintenance and operator inspections

- Vehicle entrances/exits, condition of controls, material storage, areas of disturbed or exposed soil, etc.

Operator Inspections

Qualified personnel must inspect:

- Disturbed areas of soil
- Material storage
- Structural controls
- Vehicle entrances/exits

- Every 14 days **and** within 24 hours of ½ inch rainfall

OR

- Every 7 days (same day)

Keep copies of inspection reports with SWP3.

Terminating Permit Coverage

Submit a Notice of Termination (NOT) when:

- Final stabilization is achieved
- Operational control is transferred
- Alternative authorization is obtained

Compliant BMPs.

BEAL C. 48"

JAN 2 2009

JAN 2 2009

11 30 2011

Demolition.

Land Clearing.

Concrete Washout.

06/21/2010

MAXIMUM LOADING LEVEL
MAXIMUM LOADING LEVEL

CLEAN-OUT
AREA.
CONCRETE ONLY!

Examples of Controls.

- Vegetative Buffer Strips.
  - Swales.
  - Rain Gardens.
- Ponds.
  - Detention.
  - Retention.
  - Turbidity.
- Rock.
  - Filter Berms.
  - Check Dams.

Check Dams

Velocity Disruptors.

Waste/Debris Containment.

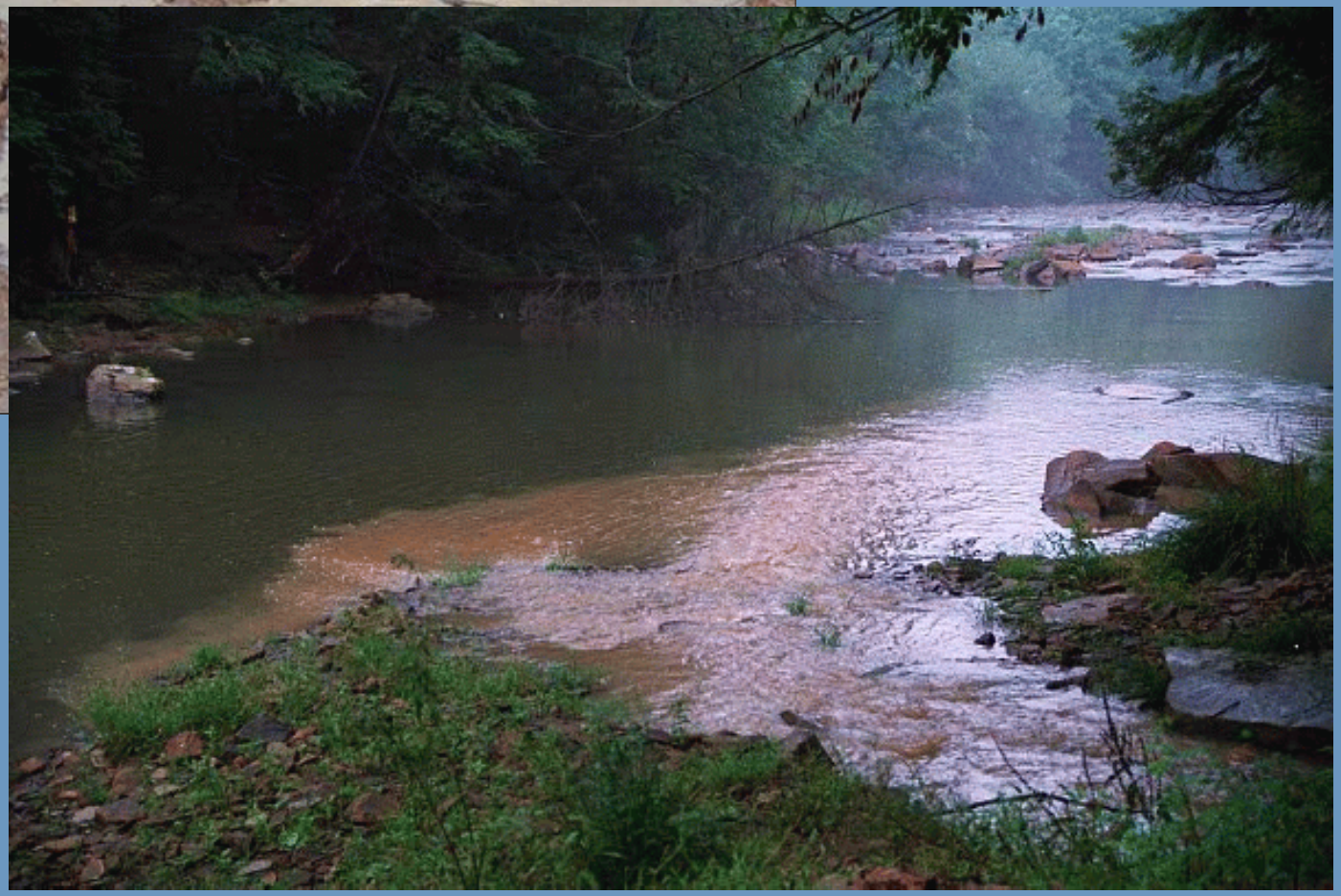
Inlet Protection.

Tracking Pad.

Silt Fencing.

04/19/2010

Read the permit.



What is an MS4…exactly?

A conveyance or system of conveyances … owned *operated* *by a city,* *county, town, or other public*
entity that discharges to water of the U.S. and is:

- Designed / used to collect or convey storm water
- Not wastewater or sanitary sewer system
- Includes publicly owned WSC, utility districts, and military bases too – not just municipalities

Urbanized Area

- Residential populations of:
  - 1,000 to 50,000 people per square mile
  - 500 people/square mile at boundaries
- Determination based on:
  - 2000 U.S. Census
  - Federal Maps
  - List of Oklahoma UAs

THIS DRAIN FOR RAIN
DON'T DUMP
FLOWS TO CREEK

PET WASTE
TRANSMITS DISEASE
LEASH AND CLEAN
UP AFTER
YOUR PET
PLEASE KEEP

NO DUMPING!
DRAINS TO STREAM

Read the SWMP…

and the permit.