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
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.
Demolition.

Land Clearing.
Concrete Washout.
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.
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
Read the SWMP... and the permit.