

Attention Contractors and Construction Workers ---



The City of Joplin Public Works Department (as well as surrounding municipalities and Jasper and Newton Counties) is currently educating contractors regarding the minimum control measures involving the best management practices for the E.P.A. Storm Water Phase II Rule....**NOW FOR THE TRANSLATION...**

Rain and snowmelt that doesn't soak into the ground, washes across yards and parking lots and into storm drains. Storm drains are designed to direct the water away from roadways, parking lots, and other impermeable surfaces as quickly as possible to prevent flooding. **HOWEVER, the water entering a storm drain is not the same water that fell from the sky.** As storm water travels across impermeable surfaces and yards, it picks up contaminants such as soil, oil, antifreeze, gasoline, soil, litter, yard care chemicals, and yard waste. This water with its pollutants is carried down pipes leading directly to our local streams and rivers. Water flowing over many businesses and construction sites can diminish water quality. Below are just a few of the ways that the construction companies can do their part to protect Southwest Missouri's water bodies.

Erosion and Sediment Control (ESC)

- Minimize needless clearing and grading
- Protect waterways and stabilize drainage ways
- Phase construction to limit soil exposure
- Stabilize exposed soils immediately
- Protect steep slopes and cuts
- Install perimeter controls to filter sediments
- Employ advanced sediment settling controls
- Certify contractors on ESC plan implementation
- Adjust ESC plan at construction site
- Assess ESC practices after storms

Design Storm Water Detention/Retention through...

- *Dry* or Extended Detention Ponds or Basins
- *Wet* or Storm Water Retention Ponds or Basins
- Grassed or Dry Swales
- Grassed Filter Strips

For detailed information, contact David Hertzberg or Rob Smith at the City of Joplin (417) 624-0820 or your local municipal official.

**Detailed information is also on the E.P.A.'s web site
<http://cfpub.epa.gov/npdes/stormwater/swphase2.cfm>**