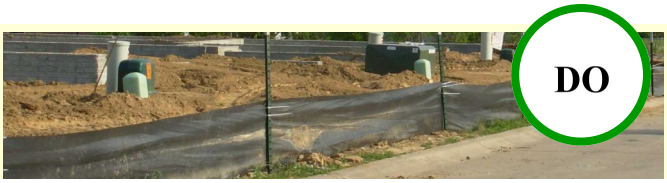
Construction Site Best Management Practices (BMP's)

Properly installed and maintained erosion and sediment controls are always more cost effective than clean ups, fines, court costs and lost work time. Contact Moline Public Works, Engineering Division for more information 309-797-0700.



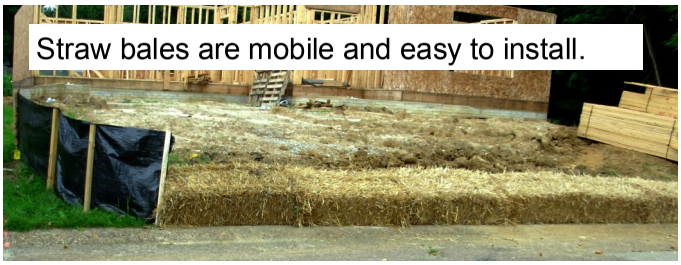
Silt fence is a common BMP that requires maintenance and care to be effective. Silt fence is not for every site or job.

Placing silt fence at the bottom of a slope or relying on it for the *only* protection for the site can lead to large, unstable piles of silt leaving site.

Proper placement and maintenance ensures proper function.

Without proper maintenance compost socks can become clogged with sediment, allowing water to run untreated from the site.

Compost socks are a relatively new BMP that provide flexibility and capacity for perimeter sediment control on sites with relatively little slope.



Inlet protection requires maintenance and proper installation to be effective. Clogged storm sewer pipes can be costly to clean or repair once the damage is done.

Inlet protection is a vital last line of defense. Drop-in filters provide direct protection and are reusable. Many models are available for rent.

An overloaded site entrance creates tracking problems as well as sediment issues.

Proper construction access protection is available with gravel and foam silt dikes. Even the heaviest equipment crosses with ease. In many cases, more than one line of defense may be needed for compliance.

Best Management Practices (BMP's)
BMP's include a large range of both structural and nonstructural measures that contractors can take to manage their site for compliance. Structural practices might include silt fence, straw bales or erosion control blankets while nonstructural practices include good housekeeping procedures and making subcontractors aware of the importance of using a designated construction entrance.

Erosion Control vs. Sediment Control
Erosion control is the use of practices that prevent the land surface from being worn away by wind or water while sediment controls serve as the last line of defense to keep soil from moving or settling offsite. It is usually cheaper and easier to prevent erosion than to manage sediment.

Choosing suitable erosion & sediment control, proper installation, ongoing inspections and maintenance are the keys to achieving and continuing compliance.

Cleanup is costly and time consuming. In erosion and sediment control, "an ounce of prevention is worth a pound of cure".

Before cleanup.

Buried storm pipe

During cleanup, same site.

After cleanup.

Good housekeeping, proper inspections and maintenance take time and effort but are always more cost effective than cleanups, repairs, penalty fees and lost work time.

When in doubt, contact the
Environmental Manager
(Erica Williams 309.524.2363)
or Environmental Technician
(Kurt Haiar 309.524.2364) for assistance.

Erosion & Sediment Control Best Management Practices (BMP's)

A quick reference guide to get started on compliance with the City Stormwater Ordinance.

City of Moline, Public Works Dept
Engineering Division
309.524.2363