

## Erosion & Sediment Control Measures

To control sediment on construction sites BMPs should be included in site plans, engineering drawings and construction plans. These BMPs (See BMP examples below.) need to be considered early in the planning phase so that proper measures can be taken before construction starts.

### Examples of BMPs

#### 1. Silt Fence

A silt fence is a sediment control structure made of geotextile fabric that restricts the movement of disturbed soil.



Silt Fence at Construction Site

#### 2. Construction Entrance

A construction entrance is a graveled or geotextiled area located where vehicles enter and leave a land disturbance site. Construction entrances provide an area where mud can be removed from vehicle tires before entering a roadway.

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Construction Entrance

#### 3. Temporary Seeding

Temporary seeding is an erosion control practice that is needed on all bare areas to provide protection against soil erosion. It is not intended to be a permanent lawn seeding but rather a temporary erosion control practice.



Temporary Seeding

This brochure was designed to explain procedures to schedule the required erosion and sediment control inspections. For further information, contact the Pasco County Stormwater Management Division at 727-834-3611.

Revision: June 2013



## Guide for Erosion & Sediment Control in Pasco County for Builders & Developers



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## What is Erosion & Sediment Control?

Construction activities are a primary cause of soil disturbance in urbanized areas. Erosion and sediment control is the first step in protecting surface water resources near a construction site.

Soil erosion and the resulting sedimentation are a leading cause of water quality problems in Florida, as well as in Pasco County. Pasco County's Land Development Code (Sections 902.1 and 902.2) protects the County's water resources by ensuring that proper stormwater erosion and sediment control measures are in place before and during construction. When these measures, or Best Management Practices (BMPs), are installed and maintained correctly they help prevent soil from leaving the construction site.

### Pasco County Stormwater Permit

The Pasco County Stormwater Permit became effective on October 1, 2012. The Stormwater Management Division developed this permit to meet the County's National Pollutant Discharge Elimination System (NPDES) Permit requirements. These requirements were for erosion and sediment control inspections on construction sites that require building permits.

#### At Least Three Inspections Required:

The NPDES Permit requires the County to complete at least three inspections for every construction site.

1. Pre-inspection: Occurs once, prior to land disturbance to ensure that BMPs have been previously installed.
2. Mid-phase Inspection: Occurs during active construction on or at around 50 percent completion.
3. Final Inspection: Once earthwork activities have ended and all slopes, ditches, swales and other earthen structures are stabilized. Any temporary BMPs shall be removed prior to the final inspection.

All three inspections are to be performed by a certified County Erosion and Sediment Control Inspector.

#### Additional Inspections

Some sites are located in environmentally sensitive areas. Due to unforeseen circumstances, or after a heavy rain, it may become necessary to perform additional inspections. It is up to the discretion of the inspector if more inspections are required.

## Procedures for Builders

The Stormwater Permit was created by the County to track erosion and sediment control inspections. Its application is available for builders at the Central Permitting office and shall be completed as part of the building permit process.

#### Scheduling Inspections:

The builder can schedule inspections online through the County's Public Access to Permit Applications (PAPA) system. To access the PAPA system visit [www.pascocountyfl.net](http://www.pascocountyfl.net). On the home page type in PAPA in the search box, then click on the PAPA link. Inspections can also be scheduled by calling the County's Stormwater Management Division at 727-834-3611.

Before scheduling the pre-inspection make sure:

- The construction box is in place at the site.
- The box contains the overall site Notice of Intent (NOI) to the Florida Department of Environmental Protection, the overall site SWPPP (drawings and erosion and sediment control plans), stormwater permit, and a copy of the approved construction plans if required.

Mid-inspections and final inspections can also be scheduled online or by calling 727-834-3611. However, they should not be scheduled for the same date.



Construction Box with Plans

## Procedures for Developers



County Inspectors at Construction Site

Projects with Site Development Permits are not required to obtain a Stormwater Permit, but they will also be inspected at least three times during the construction stage. Developers can schedule the pre-inspection by calling the Stormwater Management Division at 727-834-3611 or at the pre-construction meeting, if requested. In all cases the Engineering Inspections Division shall be given a 48-hour notice prior to commencing any activity on the approved site.

#### Enforcement

Infractions range from a verbal warning to a charge of \$500 per day per occurrence.

Common Infractions:

- Failure to schedule or call for an inspection.
- Calling for an inspection, but failing.
- Failure to maintain a BMP during construction.
- An illicit discharge reported by the public.

Our main goal is compliance with the County's Land Development Code, the Florida Department of Environmental Protection and Southwest Water Management District regulations.

**Avoid penalties and fines! Be in compliance!**