

## Steps for Stormwater Management

Even if you are building a new home or pole barn, regarding your lawn or clearing out brush for a new pool, you may be subject to local and state regulations for drainage erosion and sediment control. There are standards based on total disturbance, along with project types depending on the specific community. The standards of the Ohio EPA storm water permit apply to the entire state, but may not be reinforced locally through local permits.

If erosion controls that are not maintained they can cause excessive amounts of sediment and debris to be carried into our storm water systems and you may be subject to local and state fines.

1. Develop a Stormwater Pollution Prevention Plan (SWP3) as part of the site design.
2. File N.O.I. to receive coverage under an Ohio EPA stormwater permit. Obtain the necessary permit from the local authorities in conjunction with the Ohio EPA stormwater permit. (see the back page for contacts).
3. Install the appropriate stormwater controls as specified in the plan.
4. Provide inspection and maintenance of the controls during construction.
5. Practice Good Housekeeping on the site during construction.
6. Stabilize the site at the end of construction. Or when areas will remain dormant.
7. File a Notice of Termination when the site is stabilized.

## Our entire watershed thanks you for your efforts!

The City of Lancaster, City of Pickerington, Violet Township, Liberty Township and many road rights-of-way of the Fairfield County Commissioners are permitted by the Ohio EPA as Municipal Separate Storm Sewer Systems (MS4). Should you observe pollution concerns or have questions please contact:

### **City of Lancaster**

City Engineer 740-681-5070

### **City of Pickerington**

City Engineer 614-833-2221

### **Violet Township Trustees**

614-575-5556

### **Liberty Township Trustees**

740-862-6691

### **Fairfield County Engineer**

740-652-2300

### **Fairfield County Regional Planning Commission**

740-652-7110

### **The Fairfield Soil and Water Conservation District**

740-653-8154

### **The Ohio EPA**

General contact 614-644-2001

Emergency Spill Response 1-800-282-9378

# Our Stormwater Pollution Solutions



## Erosion & Sediment Control for Builders & Contractors

# Our Storm Water Pollution Solutions

## Erosion and Sediment Control

Construction starts. The land is cleared and soon machinery is on the site beginning the work of building foundations, roads, and utilizes. In the process of creating a new development, we create the potential for erosion, sediment problems, and water pollution.

Runoff from rain and snow traveling over bare dirt causes erosion by carrying sediment to storm sewers, channels and streams. The sediment in turn clogs the drainage system causing flooding and damages the stream habitat.

But dirt is not the only pollutant on site. Oil, gasoline, concrete washout and trash all contribute to stormwater pollution.



## Use Smart Construction

As part of the site approval, a stormwater pollution prevention plan (SWP3) was developed for the project. The plan addresses ways to minimize erosion and sediment and good housekeeping on the site. Common stormwater management techniques include establishment of a construction entrance, installation of silt fencing and inlet protection, construction of sedimentation basins, seeding and establishment of truck washout locations. As a contractor, you are required to follow the approved plan.



In the long run, this can save you money. Keeping sediment on the construction site reduces the need for street sweeping and dust control.

It also means that storm sewers and channels will not require cleaning. You also reduce the amount of grading and top soil that needs to be completed prior to seeding.

Construction sites that disturb one or more acres or that are part of a larger development that disturbs one or more acres are regulated by the Ohio Environmental Protection Agency under a Construction Stormwater Permit. The developer and parties having control over the site are required to receive coverage under an Ohio EPA permit.

## Notice of Intent

Coverage is easy to receive. Most construction sites can be covered under the Ohio EPA General Construction Stormwater Permit. For coverage, a Notice of Intent must be filed with the Ohio EPA at least 21 days prior to commencement of construction activity by the primary operator. Other operators on site must file a Co-Permittee Notice of Intent application. The Director of the Ohio EPA will notify you of coverage and conditions of coverage.

The most important condition is compliance with the SWP3. Erosion and sediment control structures require weekly inspection and maintenance to be effective. The Ohio EPA requires that a copy of the plan be kept on the site at all times and inspection and maintenance reports be maintained. If Ohio EPA comes to the site for an inspection, they will request a copy of both the plan and the reports. Contractors that do not conform with the permit will face fines.

Once construction is completed, the site will need to be stabilized with sod, seed and mulch, landscaping or other permanent coverage. The temporary stormwater controls can then be removed. Contractors will then end their stormwater permit coverage by filing the Notice of Termination with the Ohio EPA.

