



Erosion Control



Hydromulching



Detention / Filtration / Wet Ponds

EROSION CONTROL / HYDROMULCHING

How can BPI Environmental improve your Erosion Control Practices?

Erosion Control is an important part of storm water management and natural resource protection. The professionals at BPI Environmental are familiar with local code and can help you insure that you're doing everything possible to prevent unnecessary erosion and sediment loss.

BPI Environmental installs silt fence for developers, builders and municipalities, improving the prevention of erosion runoff. BPI Environmental installs orange construction fencing in order to prevent trash from becoming litter and as a barrier along the sides of construction sites.

BPI Environmental installs new inlet coverage for drainage areas, preventing dirt and trash from entering the inlet.

BPI Environmental cleans out the inlet covers to maintain water flow and prevent trash and dirt from entering the inlet.

BPI Environmental installs and replaces sandbags that hold down the inlet covers.

BPI Environmental is available to provide all of your hydromulching applications.

BPI Environmental builds and services water quality ponds in the greater Austin area.

What is Erosion Control?

Erosion control is the practice of preventing, or at least controlling, wind or water erosion on construction and development sites. Usually this means creating some sort of physical barrier, such as fencing, sandbagging or rock, which absorbs some of the energy of the wind or water that is causing the erosion and blocks access to areas prone to erosion (also areas where construction materials could be spread outside the boundaries of the site, causing potentially harmful effects).

Examples of some erosion control methods include conservation tillage, contour plowing, mulching, riparian strip, riprap, terracing, wattle (construction) and windbreaks.

Contact an Erosion Control specialist at BPI Environmental today to find out how we can help you meet all your erosion control needs.

Erosion Control Services:

- Storm Water Pollution Prevention Plans
- Drain Inlet Filters
- Inlet Maintenance
- Erosion Logs
- Orange Safety Fence
- Concrete Washout
- Stabilized Access
- Site Monitoring



DENTENTION / FILTRATION / WET PONDS

Pond Maintenance New Construction Retrofits Design Engineering

The Benefits of a Properly Maintained Pond:

Your well-maintained pond is more attractive and best serves its purpose(s) -- Flood and/or water quality protection. Regular maintenance will reduce the need to rebuild a pond that has failed and the risk of fines for non-compliance with government regulations.



BEFORE



AFTER

Types of Ponds:

Detention Ponds

Open structures, such as ponds, vaults or tanks that are designed to slow down storm water runoff. Water is "detained" for a short period and then slowly discharged from the pond.

Filtration Ponds

These Basins designed to filter storm water runoff through a layer of sand before being discharged to the storm sewer system or a creek.

Retention/Irrigation Ponds

These open designs "retain" storm water. Storm water is pumped out of the structure and used to irrigate the site.

Wet Ponds

A retention pond that contains a permanent pool of water with planted aquatic plants.



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