

# Pollutant Removal

EnviroSoxx® use natural materials to remove targeted pollutants from stormwater runoff

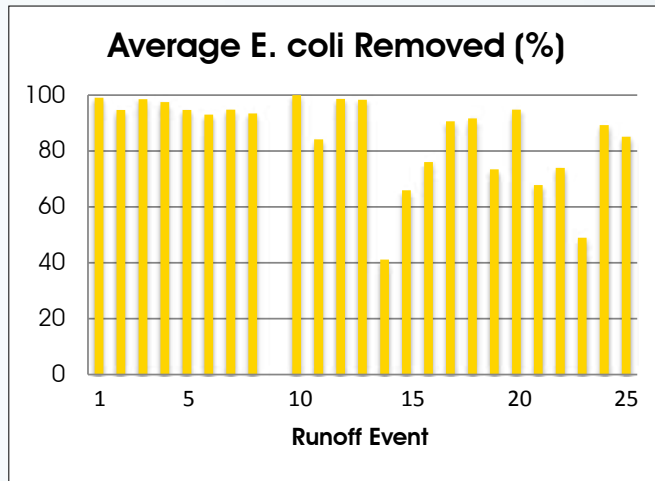
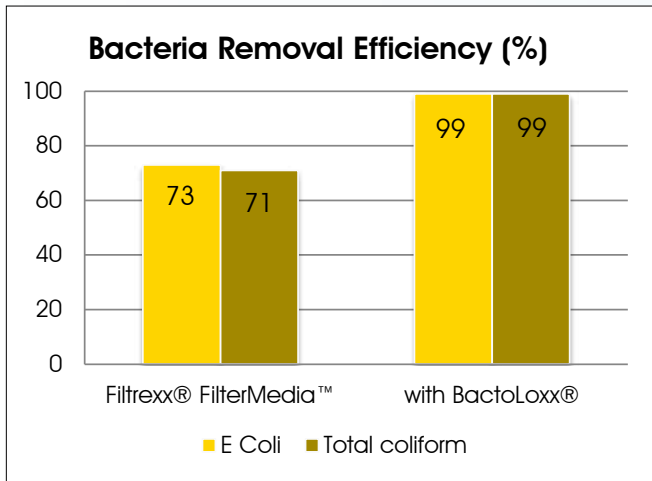


## System Advantages

- Simple—easy to install, maintain, and remove
- Best performance—*Mimic Nature*® for the most effective pollutant removal
- Use in any Filtrex® application to increase pollutant removal
- Customizable periodic replacement programs available
- Minimal disposal costs—Filtrex® FilterMedia™ can often be spread on site\*

Spec's and CADs available at [filtrex.com/specifications](http://filtrex.com/specifications)

## BactoLoxx® Additive



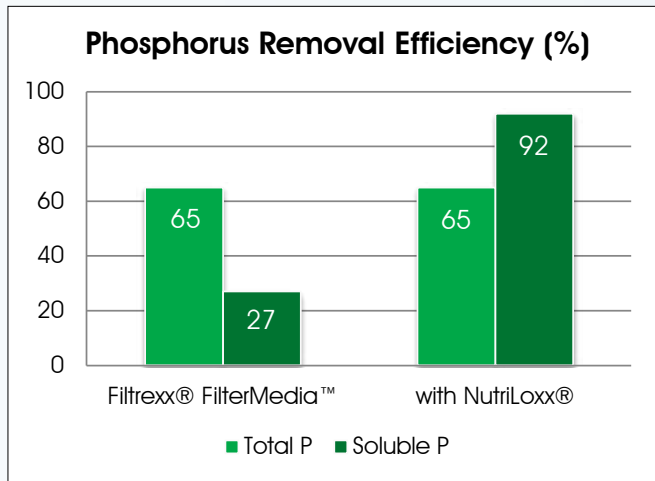
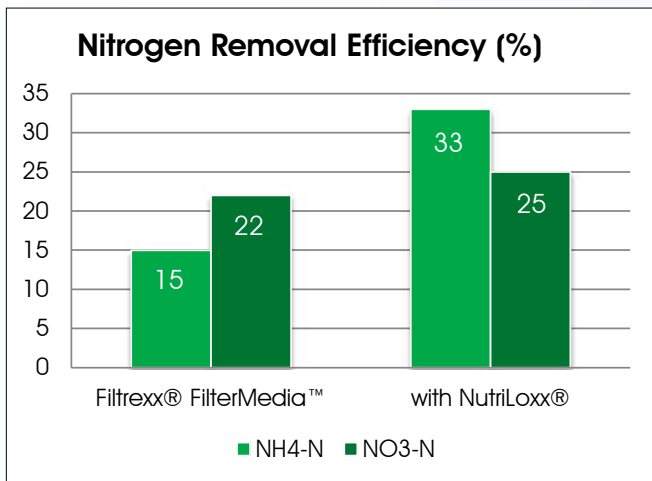
BactoLoxx is used to reduce coliform bacteria loads in stormwater runoff, particularly around sensitive watersheds and receiving waters, near TMDL (303d) listed water bodies, pet parks, animal feeding operations, and urban watersheds where bacteria in runoff is an issue.

Coliform bacteria that BactoLoxx targets in runoff includes but is not limited to bacteria in the genera *Escherichia*, *Klebsiella*, *Enterobacter*, and *Citrobacter*, including *E. coli* and fecal coliforms.

### Uses Include:

- Sewers & septics
- CAFO's
- Agriculture
- Pet parks
- Landfills
- Industrial sites

## NutriLoxx® Additive



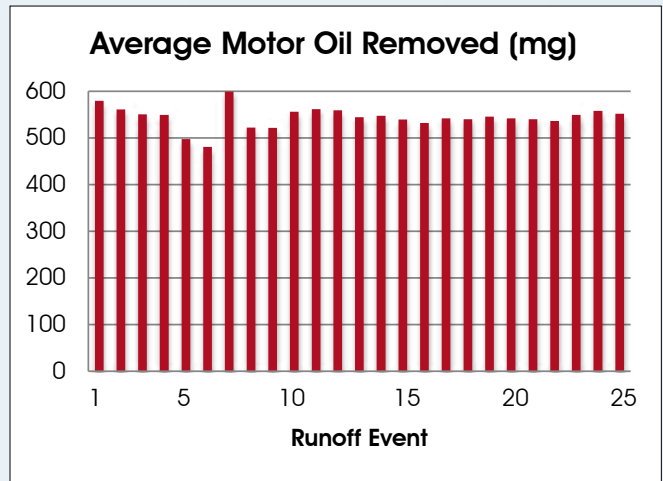
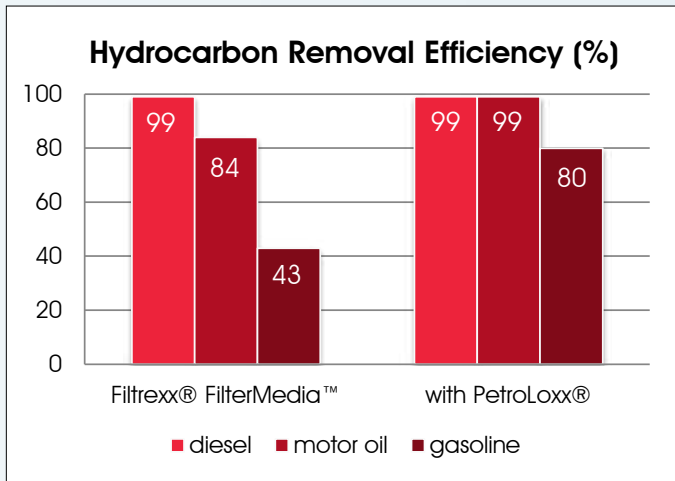
NutriLoxx is used to reduce nitrogen and phosphorus loads in stormwater runoff, particularly on fertilized soils such as agricultural lands or golf courses.

NutriLoxx additive is a natural material that chemically adsorbs soluble phosphorus and nitrogen (ammonium-N) in stormwater, thereby reducing transport to water bodies, reducing bioavailability to aquatic plants, and minimizing algae blooms, eutrophication, and low dissolved oxygen levels that can lead to fish kill and collapse of aquatic ecosystems.

### Uses Include:

- CAFO's
- Golf courses
- Agriculture
- Pet parks
- Nurseries
- Compost facilities
- Bulk storage
- Wetland overflows

## PetroLoxx® Additive

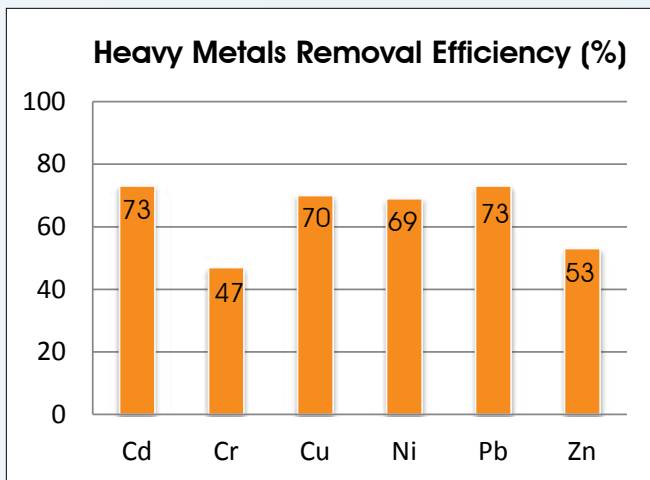


PetroLoxx is used to reduce petroleum hydrocarbon, or polycyclic aromatic hydrocarbon (oil/grease, diesel fuel, gasoline), loads in stormwater runoff, particularly in urban watersheds. PetroLoxx is not a coagulant and is made with 100% all natural materials.

### Uses Include:

- Industrial sites
- Recycling yards
- Parking lots/roadsides
- Fueling stations
- Vehicle wash stations
- Marinas & boat washes
- Drilling/fracking sites

## MetalLoxx® Additive



	Removal Efficiency					
	Cd	Cr	Cu	Ni	Pb	Zn
Soluble	72%	29%	70%	69%	79%	57%
Particulates	77%	78%	45%	63%	61%	47%
Total	73%	47%	70%	69%	73%	53%

MetalLoxx additive is a natural ionic adsorbent that is used with Filtrex® stormwater pollution prevention practices, such as Sediment Control, Check Dams, Inlet Protection, Filtration Systems, and Rain Garden/Bioretenion Systems. It is ideal for reducing metals loads (Cd, Cr, Cu, Ni, Pb, Zn) in urban and post construction stormwater runoff.

### Uses Include:

- Recycling yards
- Landfills
- Rooftops
- Parking lots/roadsides
- Heavy industry
- Brownfields
- Marinas & boat washes



## Pollutant Removal



EnviroSoxx help industrial stormwater permit holders/MS4s comply with their permit by bioremediating hydrocarbons, heavy metals, bacteria, and nutrients.



Use EnviroSoxx for any Filtrex application to increase pollutant removal, including Sediment Control, Inlet Protection, Check Dams, Filtration Systems, Vegetated Gabions, and more.



If vegetated, EnviroSoxx can be left in place as a permanent feature of the landscape. For temporary uses the FilterMedia can be incorporated into the soil, spread over the landscape, or returned to an approved composting facility.



## EnviroSoxx Technology

Compost has the ability to bind heavy metals, pesticides, herbicides, and other pollutants, reducing their leachability, transport in runoff, and absorption by plants. This binding effect makes compost an effective filter for stormwater runoff.

EnviroSoxx are SiltSoxx™ with one or more all natural additives used to increase the pollutant removal capacity, particularly in urban watersheds, sensitive receiving waters, and TMDL (§303d) listed water bodies. EnviroSoxx are 100% formulated with all natural materials, *In Compliance with Nature*®.

In Compliance with:



\*For pollutants that may bioaccumulate (such as heavy metals), the EnviroSoxx can be taken to an appropriately permitted landfill.

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