



**Celebrating the
40th Anniversary of Earthday
April 22, 2010**

Goings on:

March 9, 2010

NYS Conservation District
Employees Association Inc.
Stormwater Trade show
Binghamton, NY

May 7, 2010

Long Island Sound Citizens
Summit
Bridgeport, CT

May 17-19, 2010

NEIWPCC meeting
Plymouth, MA

Know a HS student making
college and career decisions?
Attend the ASCE Lower Hudson
Valley chapter Engineering Expo.

When: **April 11, 2010**

Orangeburg, NY
Admission: Free

Full details:

www.BeAnEngineer.org

In 2008, The City of Los Angeles
estimated they picked up
600,000 cigarette butts/month
and more than 7,000,000/year.

Spotlight on: Trash and Litter Control

December, 2009 non-profit, Keep America Beautiful, Inc., announced the results of the largest litter study ever conducted in the US. Key findings indicate:

Litter **conservatively costs our nation \$11.5 billion per year**. These direct costs include: cleanup and prevention programs which are carried largely by businesses and taxpayers. Additional indirect costs not identified in this survey were identified as:

Decreased property values. 93% of homeowners, 55% of real estate agents and 90% of property appraisers surveyed stated that a littered neighborhood would decrease their assessment of a home's value.

"Opportunity Costs" such as decreased commerce and tourism in blighted areas

Health effects and related costs of littered environments

Read the full report at www.kab.org

TerreKleen for Effective Trash Control

**February 2010 – TerreKleen re-certified by NJDEP with
higher flow rates!**



TerreKleen maintenance is easy
and done from the curb. **No
confined space entry needed.**

Typical cleaning takes about an
hour.

A picture is worth a thousand words!

This picture shows the TerreKleen
exactly one year after installation
at a "big box store"

The TerreKleen collects floatables
such as: bottles, cans, packing
peanuts, cigarette butts,
styrofoam and oil.

Trash and debris remain in the
primary chamber while stormwater
flow continues into the 2nd
chamber traveling up and through
stacked inclined plates which
efficiently facilitate the fallout of
smaller/finer particles.

TerreKleen offers the largest
sedimentation surface area in the
smallest footprint on the market.
Once material collected there is
no scour or re-suspension.



spotlight on: litter control



Tilted Wedgewire Screen

Trash control for linear detention ponds and outfalls is easily accomplished with the tilted wedge-wire screen.

Look closely and you can see that this screen protects an orifice plate. The screen pre-filters sediment trash and debris that would otherwise pass through or plug the orifice plate. The screen maximizes efficiency and flow rates.

Minimal maintenance. This screen is self-cleaning. When the debris dries, the screen naturally cleans itself.

The purpose of this screen in this application was protect wetlands and to reduce maintenance of a plugged orifice place.



Easy retrofit solution to collect trash in a vault application.

The angled screen application allows water to pass through at high flow rates while separating out sediment and debris into a collection area.

Sediment trash and debris are contained in a single collection area making maintenance easy.

This screen was installed at Lady Diana's Memorial Fountain in Hyde Park, England. The screen is used to pre-filter trash, leaves and debris while allowing clean water to flow through the fountain.

Have you seen our blog? Recent and upcoming articles include:

The LA couple being sued for replacing their lawn with wood chips and drought tolerant plants.

Comparison chart of hydrodynamic separators verified through NJDEP Tier I protocol

Review/Discussion of the IMAX film – “Mysteries of the Great Lakes”

Coming in March: Documentation of a **completely custom** TerreKleen hydrodynamic separator being installed in an existing parking garage.