



According to NRDC 2009 beach report, 64% of contamination in Connecticut was attributed to storm water runoff and beach closures/advisories due to storm water contamination in New York State numbered 1,355 days.

MARKET WATCH

Bull Report: It's Important to Improve Stormwater Runoff NOW!

Sediment and debris are a primary source of pollution that affect US Receiving waters. Water from rain or snow melt drains into catch basins and carries with it: litter, auto fluids, sediment, debris, bacteria, nutrients and heavy metals. This water is discharged without treatment directly into brooks, streams, rivers and other water bodies.

Bear Report: Poor Stormwater Quality Affects Everyone!

Poor storm water quality affects your pocket and your quality of life. Stormwater pollution negatively impacts: industry, commerce, realestate, human health and leisure activities. It also increases infrastructure maintenance costs.

Stormwaterworks.com, LLC picks up new product line!

TerreKleen® hydrodynamic separator



Trap sediment, trash, debris, acts as oil/water separator

1. Small foot print
2. Easy installation/clean out
3. Inclined Plates have 80 year proven history
4. NYSDEC/NJCAT/EPA approved and more
5. HS-25 load rated
6. Can be used in-line
7. All water treated – no external bypass
8. 1st chamber acts as oil/water separator

TerreArch® storm water infiltration



Temporary storm water storage

1. Maximize storm water storage in minimal space
2. Install maximum storage in minimal time with minimal crew
3. Lowest cost per CuFt for stormwater infiltration
4. Available in 2 sizes: 26" and 48"
5. HS-25 load rated
6. Recharge Aquifers

TerreBox® stormwater detention / rain harvesting



Stormwater detention / rain harvesting

1. Patented water-tight seal
2. discharge water when YOU want
3. Harvest rain for watering grass or other re-use
4. HS 25 load rated
5. Customizable
6. Quick installation with minimal crew

RESOURCES

NRDC Testing the Waters Beach Report: <http://www.nrdc.org/water/oceans/ttw/titinx.asp>

CT Stormwater Manual 2004 (Currently being updated) <http://www.ct.gov/DEP/cwp/view.asp?a=2721&q=325704>

EPA Stormwater information: <http://cfpub.epa.gov/npdes/stormwater/swbasicinfo.cfm>



SCIENCE



1 gallon of gasoline can contaminate 750,000 gallons of fresh water.

Only 3% of the world's water is potable. 2% is trapped at the polar ice caps.

All the water that the earth was created with is still here on earth.

The average human uses 70 gallons of water a day.

The first water pipes made in the US were fire charred, bored out logs.

A gallon of water weighs 8.34 pounds.

80% of the earth's surface is covered by water.

Every day the sun evaporates one trillion tons of water.

STORMWATERWORKS.COM SCORES HAT TRICK!

TerreKleen®, TerreArch® and TerreBox® were all specified in by consulting engineers for a new community center in NY. Our Terre line will contribute to job site cost savings by: maximizing storm water storage in a minimal footprint, saving time realized when a crew of 3 or 4 can install 45,000 cubic feet of storm water storage in one day and requiring minimal backfill to bring the structure to grade. The Terrekleen water quality treatment unit's small footprint, ability to be plumbed in-line with multiple hookups, no external bypass and no-scour/re-suspension of sediment once captured along with long term ease of maintenance were also seen as significant long-term benefits to this project. This work is scheduled to be in place by the end of this year.

FANS APPRECIATE RETROFIT OPTIONS!

Catch basin inserts can be an effective tool to improve stormwater runoff. Inserts are a cost effective solution which install quickly are easy to maintain and can be tailored to your site's specific loading issues including: **heavy metals, hydrocarbons, nutrients and bacteria.**

CATCH BASIN INSERTS



StormBasin

1. Hard Plastic unit with replaceable cartridge
2. Adjustable aluminum mounting flange with incorporated covered bypass
3. Target specific contaminants:
Sediment/Debris
Hydrocarbons
Heavy Metals
Nutrients
Reduce Bacteria
Easy, quick installation



StormSack

1. Woven Geotec Sack
2. Adjustable aluminum mounting flange
3. Internal bag reinforcement
4. Optional hydrocarbon collar for sheen protection
5. Covered overflow bypass
6. Designed for sediment and debris collection
7. Corner lifting tabs for easy removal



SafeDrain

1. Custom Stainless Steel insert designed for spill protection (SPCC)
2. Hydrocarbon absorbent collar for sheen protection
3. "T" handle key for easy valve closure without removing storm drain grate
4. Permanent 24/7 protection
5. Cheap insurance for high spill areas

Results are in: Catch basin inserts are often used with positive results for specific contaminants at: military bases, DPW yards, chemical plants and airports!

Simple ways to improve stormwater: put litter in trash cans, pick up after your pet, only go to a professional car wash, collect and dispose of any oil properly (auto and home), fertilize lawns sparingly and only if needed. Remember, legally, only stormwater can enter a storm drain.