



Stormdrain Solutions

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Stormdrain
committed

Solutions is
to clean water

As the NPDES Phase II Stormwater Regulations approach requiring the implementation of Best Management Practices to address water quality, Stormdrain Solutions is committed to assist you with your pre and post construction stormwater plans in the most cost effective manner.

Stormdrain Solutions is a Pennsylvania based corporation that has developed an innovative, cost effective solution to abate stormwater pollution. Our patented design removes a significant percentage of the contaminants from stormwater runoff. The Inceptor is an expanded stainless steel cage which is suspended in an existing storm drain inlet requiring only a biannual replacement PolyDak filter. The PolyDak filter coalesces contaminants that are transported by means of stormwater runoff from parking lots, highways, streets, loading docks, service bays and construction sites. The release is cleaner surface water, which promotes environmental awareness and compliance with the NPDES Phase II Stormwater Regulations. The Inceptor has revolutionized the stormwater treatment industry. With removal efficiencies of oil, grease, silt, sediment and heavy metals in the 70 to 100 percentile range. As environmental awareness and regulatory compliance is becoming the standard for industry, developers, municipalities and counties, Stormdrain Solutions has the solution for your storm drains. We manufacture the Inceptor to fit any basin dimension and in multiple shapes to suit all applications.

For more information about our company and premier product, the Inceptor, please take a moment to view the information that is provided. Please contact Stormdrain Solutions to see how the Inceptor can suit your stormwater plans.

Stormdrain Solutions

Treating Stormwater at the Source

The Inceptor®



Treating Stormwater Cost Effectively

Stormdrain Solutions' premier stormwater treatment technology, the Inceptor, is a cost effective and efficient best management practice (BMP) to treat stormwater runoff in any grated or curb inlet application. The Inceptor can effectively treat high flow rates due to the hydrophobic

- Complies with NPDES, 40 CFR when used as a BMP in SWPPP
- Captures hydrocarbons (TPH), total suspended solids (TSS) and particulate heavy metals
- Only requires biannual PolyDak filter replacement
- PolyDak filter captures particles greater than .044mm
- Manufactured to suit any inlet application
- Stainless steel unit construction lasts a lifetime
- Peaked top design sheds floatable debris
- Open top design captures floatable debris



*Treating Stormwater at the Source
With a Solution That Fits*



DETAILS

Inceptor Details



Catch Basin Dimensions:	24" x 48"
Inceptor Length:	42"
Inceptor Width:	21"
Inceptor Height:	12"
Deflector Plate Dimensions:	24" X 48"
Inceptor Type:	Peaked-Top
Flow Rate:	2.5 CFS or 1100 GPM
Particle Removal Size:	0.044 mm
Contaminants:	Hydrocarbons, TSS, Silt, Sediment, Particulate Heavy Metals, PCBs

Catch Basin Dimensions:	24" x 36"
Inceptor Length:	34"
Inceptor Width:	21"
Inceptor Height:	12"
Deflector Plate Dimensions:	24" X 36"
Inceptor Type:	Peaked-Top
Flow Rate:	1.9 CFS or 865 GPM
Particle Removal Size:	0.044 mm
Contaminants:	Hydrocarbons, TSS, Silt, Sediment, Particulate Heavy Metals, PCBs

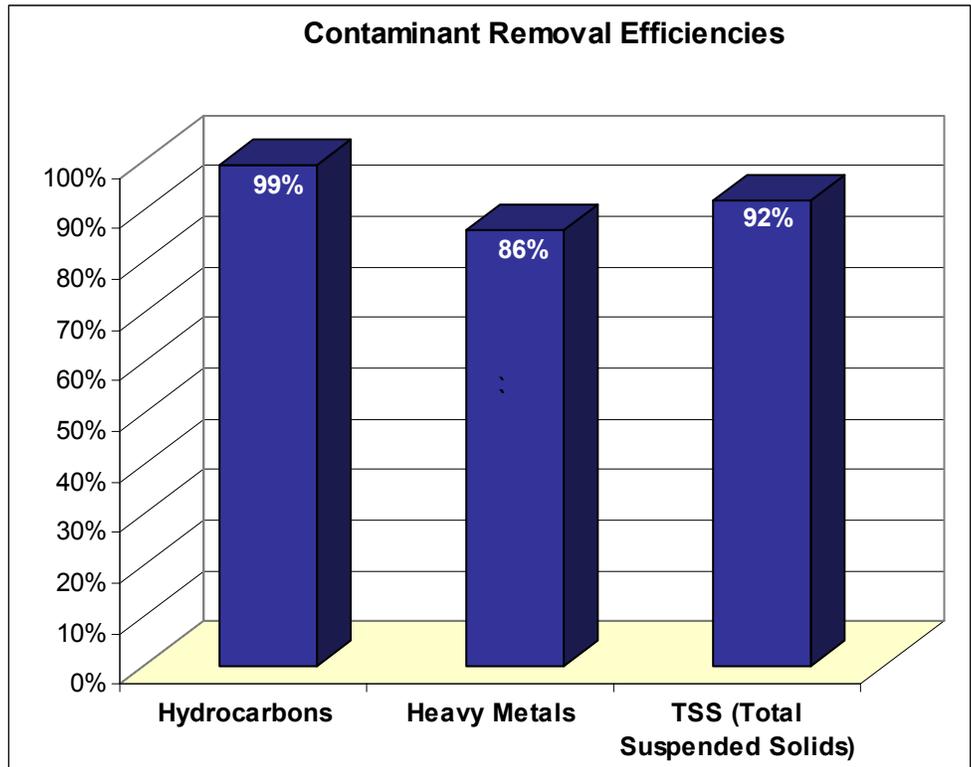
Catch Basin Dimensions:	24" Round
Inceptor Diameter:	22"
Inceptor Width:	N/A
Inceptor Height:	16"
Deflector Plate Dimensions:	N/A
Inceptor Type:	Open-Top
Flow Rate:	1.05 CFS or 474 GPM
Particle Removal Size:	0.044 mm
Contaminants:	Hydrocarbons, TSS, Silt, Sediment, Particulate Heavy Metals, PCBs, Floatables

PolyDak® Filter

The PolyDak filter is very oleophilic as well as very hydrophobic, which is paramount for the treatment of stormwater. This filter is a uniquely interlaced synthetic fiber that is composed from only carbon and hydrogen. The internal component fiber is non-toxic and is inert to acids and alkalis. One pound of the internal material, which is typically found in a standard PolyDak filter, can capture and coalesce twenty-five pounds of oil. The unique interlacing construction of the PolyDak filter results in a density of 2 pounds per cubic foot, which allows for a myriad of open spaces to entrap and retain suspended oils and solids.

The keystone to the Inceptor technology is the PolyDak filter. The PolyDak™ filter is superior for capturing oils, grease, Total Suspended Solids (TSS) and heavy metals found in stormwater runoff. The filter is manufactured from two different medias, which together enable the filter to have untouchable performance levels.

Contaminant Removal Efficiencies



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INSTALLATION

Installation Details

Elevate Storm Drain Grate



Attach Suspension Hardware to Rib of Storm Drain Grate



Attach Suspension Hardware to the Inceptor and Position Deflector Plate on Lip Where the Storm Drain Grate Rests



Carefully Lower the Grate with Inceptor Suspended into the Catch Basin



A BETTER SOLUTION FOR TREATING RUNOFF...



- Passively treat all stormwater runoff cost-effectively
- Complies with NPDES, 40 CFR 122.26 (1999) when used as Best Management Practice in storm water pollution prevention plans
- Captures hydrocarbons (TPH), total suspended solids (TSS), particulate heavy metals
- The Inceptor requires only biannual PolyDak filter replacement
- Retrofitted to any catch basin or curb inlet opening
- PolyDak filter captures particles greater than .044mm.
- Extremely hydrophobic allowing for high flow rates to be treated
- No excavation or alterations necessary
- PolyDak filter is non-hazardous solid waste
- Stainless steel unit construction lasts a lifetime
- Peaked-top design sheds debris
- Open-top design captures debris

STORMDRAIN SOLUTIONS, INC.

www.stormdrains.com

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Protecting Our Environment, One Storm Drain at a Time

