

Industry Leading Water Recycling Technology



**BIO** MICROBICS®

# BioSTORM<sup>®</sup>

stormwater treatment systems



**StormTEE<sup>®</sup>**  
Litter Control Screens

*NJCAT verified and NJDEP certified  
for TSS removal*



*Reduce stormwater pollution*



*Screening + oil/water separation*



RESIDENTIAL • COMMERCIAL • COMMUNITY

BETTER WATER. BETTER WORLD.®

[www.biomicrobics.com](http://www.biomicrobics.com)



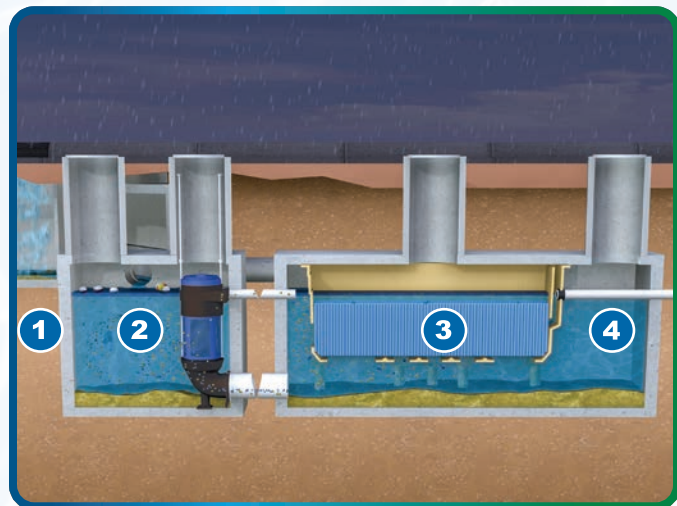
# SIMPLE • LOW

## BioSTORM<sup>®</sup>

stormwater treatment systems

The **BioSTORM<sup>®</sup>** is a sustainable and low-maintenance stormwater management solution for decentralized and remote locations. The two-stage process prevents pollutants such as trash, debris, sediment, and hydrocarbons from entering storm drainage networks from parking lots, highways, and other impervious surfaces. The **BioSTORM<sup>®</sup>** catches surface runoff before it reaches watersheds, protecting streams from pollutants and supporting natural ecosystems.

Certified to NJDEP standards, the **BioSTORM<sup>®</sup>** is designed to remove trash, sediment, oil, and other suspended debris in the stormwater. The **BioSTORM<sup>®</sup>** combines litter control screening with an interceptor as part of an effective and complete stormwater management system for Total Suspended Solids (TSS) removal.



## HOW IT WORKS!

- 1 As rainwater washes across roads and sidewalks, pollutants such as grit, oil, and trash flow into the storm drain.
- 2 Stormwater enters the primary chamber. The **StormTEE<sup>®</sup>** screen supports sedimentation and prevents trash and larger solids from passing into the secondary chamber.
- 3 The **BioSTORM<sup>®</sup>** treatment module contains a corrugated interceptor that acts as a liquid/solid and oil/water separator. Sediment settles to the bottom of the tank for storage/removal.
- 4 Treated runoff is directed up into the effluent pipe and back into the main stormwater network or into the environment.





# COST • ROBUST

## BioSTORM® Models and Treatment Capacities

BioSTORM® Model	DESIGN FLOW RATE		StormTEE® Model	PIPE DIAMETER	
	cfs	gpm		inches	mm
NJCAT 0.5	0.5	225	SMT 838	8	203
NJCAT 0.75	0.75	337	SMT 838	8	203
NJCAT 1.0	1.0	450	SMT 838	8	203
NJCAT 1.25	1.25	561	SMT 838	8	203
3.0	3.0	1347	SMT1638	12	305
5.0	5.0	2244	SMT1638	12	305
10.0	10.0	4488	(x2) SMT1638	18	457

See product drawings and manual for technical specifications. To reach a local distributor or approved tank manufacturer, and for further information, email [sales@biomicrobics.com](mailto:sales@biomicrobics.com).



The BioMicrobics **BioSTORM®** is verified under the New Jersey Department of Environmental Protection regulations (NJDEP). The **BioSTORM®** system is certified as a stormwater hydrodynamic separator manufactured device for total suspended solids (TSS) removal.

## Decentralized stormwater wastewater treatment systems

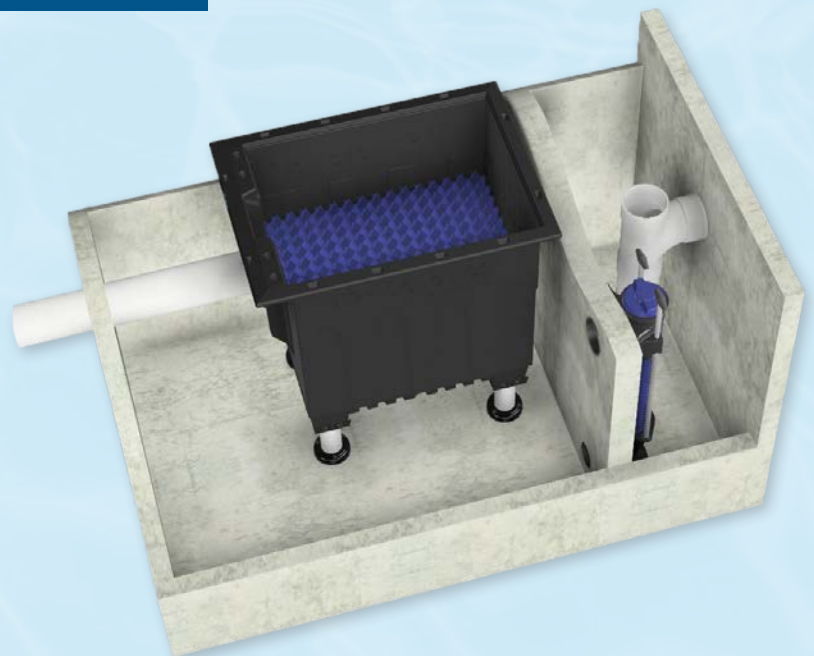
offer low capital and operating costs, a wise approach for land and energy use, and a practical solution to reduce conventional pollutants, nutrients, and emerging contaminants.

The **BioSTORM®** system is ideal for rural suburban, and urban settings such as:

- Strip mall parking lots
- Office buildings
- Industrial areas
- Community centers
- Subdivisions
- Residential communities

The **BioSTORM®** can be applied in both retrofit, redevelopment, and in new developments.

BioSTORM® 0.75







Established in 1996 to focus on water, BioMicrobics – and subsidiaries SeptiTech and Scienco/FAST – is at the forefront of sustainable design, with more than 80,000 systems in over 80 countries. Our systems meet the highest performance standards for treatment of water,

graywater, wastewater, and stormwater. BioMicrobics produces innovative systems dealing with wastewater treatment in decentralized settings. Our products are engineered to be simple, low-cost, and robust.



**BioSTORM®** Stormwater Treatment System is certified to NJDEP standards. It is a two-stage stormwater system that combines litter control screening with sediment separation. Typically paired with **StormTEE®** and an interceptor module.



The **StormTEE®** screen supports sedimentation and separates debris and litter carried by stormwater runoff before the water enters the secondary chamber.



### Installation of BioSTORM® 1.5



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