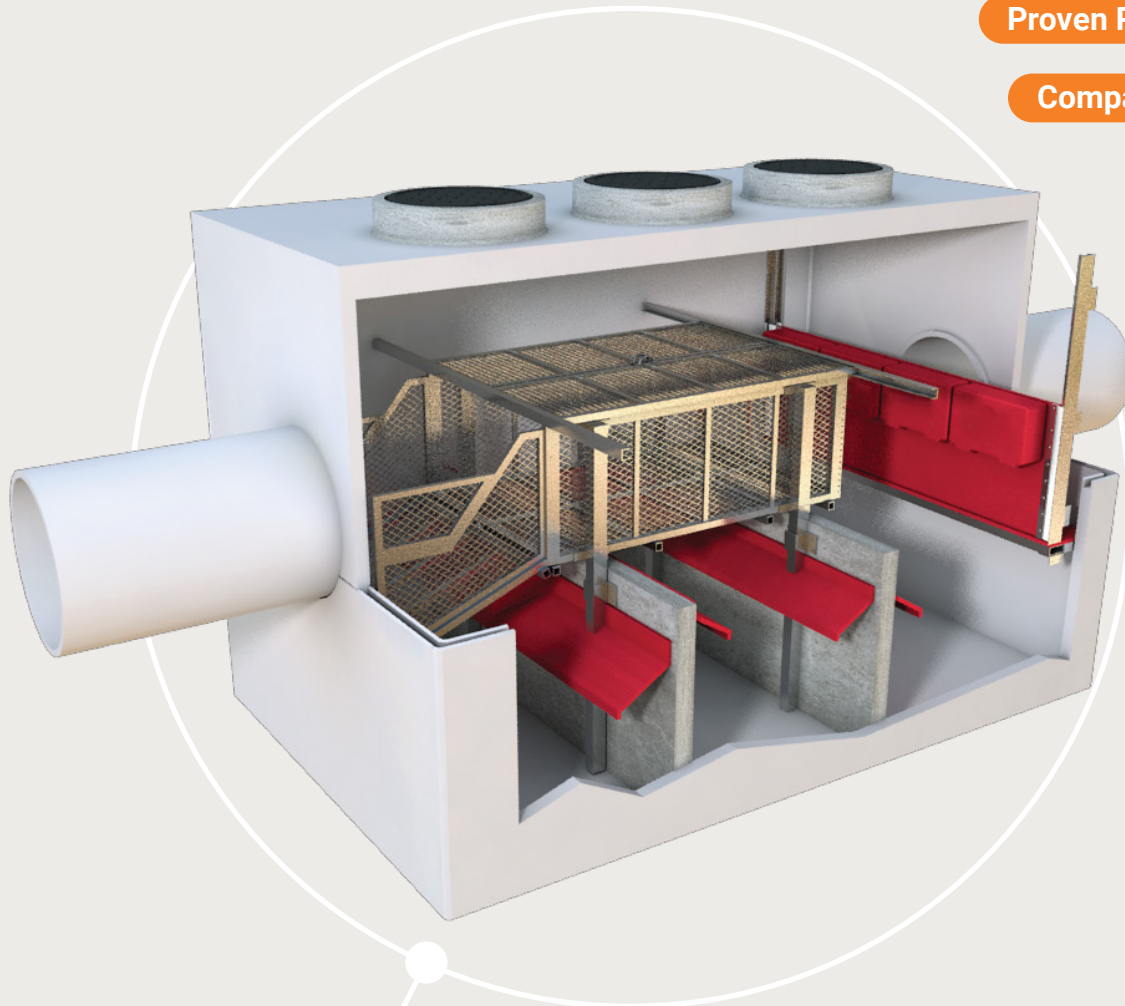# NSBB®

Nutrient Separating Baffle Box®

Modular & Scalable

Proven Performance
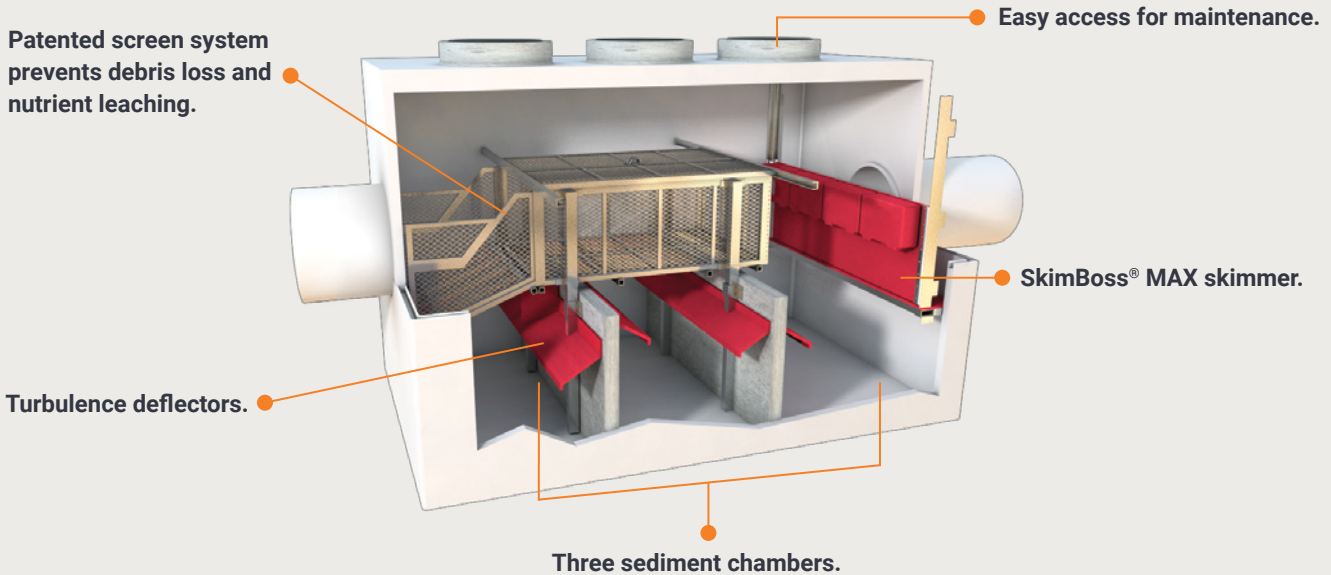
Compact Footprint

Advanced Hydrodynamic Separation

Oldcastle Infrastructure™
A **CRH** COMPANY

The Nutrient Separating Baffle Box® (NSBB®) is an advanced vault treatment system for storm water runoff. Its patented screen system captures and stores debris in a dry state to minimize nutrient leaching and allow for efficient maintenance. The triple chamber design provides high TSS removal over a wide range of particle sizes, while patented deflectors ensure no sediment scouring occurs during high flows, allowing for on-line installation without the need for separate diversion structures.

Superior TSS, trash, and floatables removal.

The Nutrient Separating Baffle Box® is a multistage, self contained stormwater treatment system. Each component within the system protects prior stages from clogging issues or failures. Easy installation, low pick weights and minimal excavation, and simple to service.

Patented screen system prevents debris loss and nutrient leaching.

Easy access for maintenance.

SkimBoss® MAX skimmer.

Turbulence deflectors.

Three sediment chambers.

Certifications*

- New Jersey Department of Environmental Protection NJCAT Certified for 50% TSS removal
- Maryland Department of the Environment Approved structural practice for pretreatment
- Virginia Department of Environmental Quality BMP Clearinghouse 20% credit for total phosphorous removal
- California State Water Resources Control Board Trash Capture Compliant

Model	Size (ft x ft)	Min Rim to Invert Depth (ft)	Max Pipe Size (In)	Treatment Flow Rates (cfs)		
				80% Removal, 150 Micron	50% Removal, 75 Micron Njcat	Trash Capture
NSBB-4-8	4 x 8	4.5	24	4.60	2.49	21.50
NSBB-5-10	5 x 10	5.0	30	8.03	3.89	-
NSBB-6-12	6 x 12	5.5	36	12.70	5.60	42.80
NSBB-8-16	8 x 16	7.25	48	26.00	9.96	72.00
NSBB-10-20	10 x 20	8.0	60	45.40	15.56	88.20
NSBB-12-24	12 x 24	Varies	72	71.70	22.40	109.50

*Inquire for a full list of certifications.

Trusted partnerships.
Full scale solutions.

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