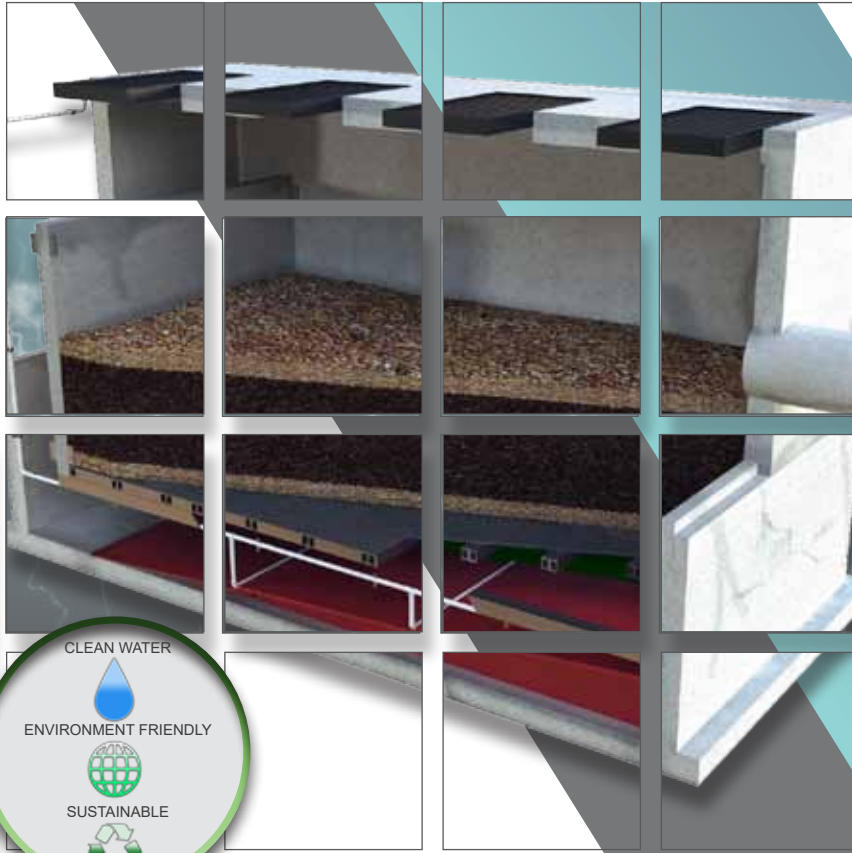


# SUNTREE NRFS™

PROVEN SOLUTIONS for Stormwater Treatment



NUTRIENT REMOVING FILTRATION SYSTEM  
BOLD & GOLD® MEDIA (BAM)

## NUTRIENT REMOVING FILTRATION SYSTEM (NRFS)™

Patents pending

The Suntree NRFS™ removes both solids and dissolved contaminants for water quality improvement projects.



[www.suntreetech.com](http://www.suntreetech.com) | 321-637-7552

# PROVEN EXPERTISE HOW IT WORKS

The unique **Hydro-Slide™** servicing system provided as a standard component of the **NRFS™** allows the vault to be easily serviced with a vacuum truck without the need for confined space entry. The NRFS™ is designed to be installed offline following a detention pond or **Nutrient Separating Baffle Box®** or underground detention. The NRFS™ is a beneficial addition to your treatment train for achieving numeric nutrient criteria.

## » HYDRO-SLIDE™ SERVICE SYSTEM

- Enables debris below the media bed to be easily removed without requiring human entry
- Media can be backflushed and reused during servicing without removal

## » OPTIONAL SKIMBOSS® DIVERSION WEIR (HYDRO-VARIANT® TECHNOLOGY)

- During high flow the SkimBoss® rises to allow water to bypass the media filtration process

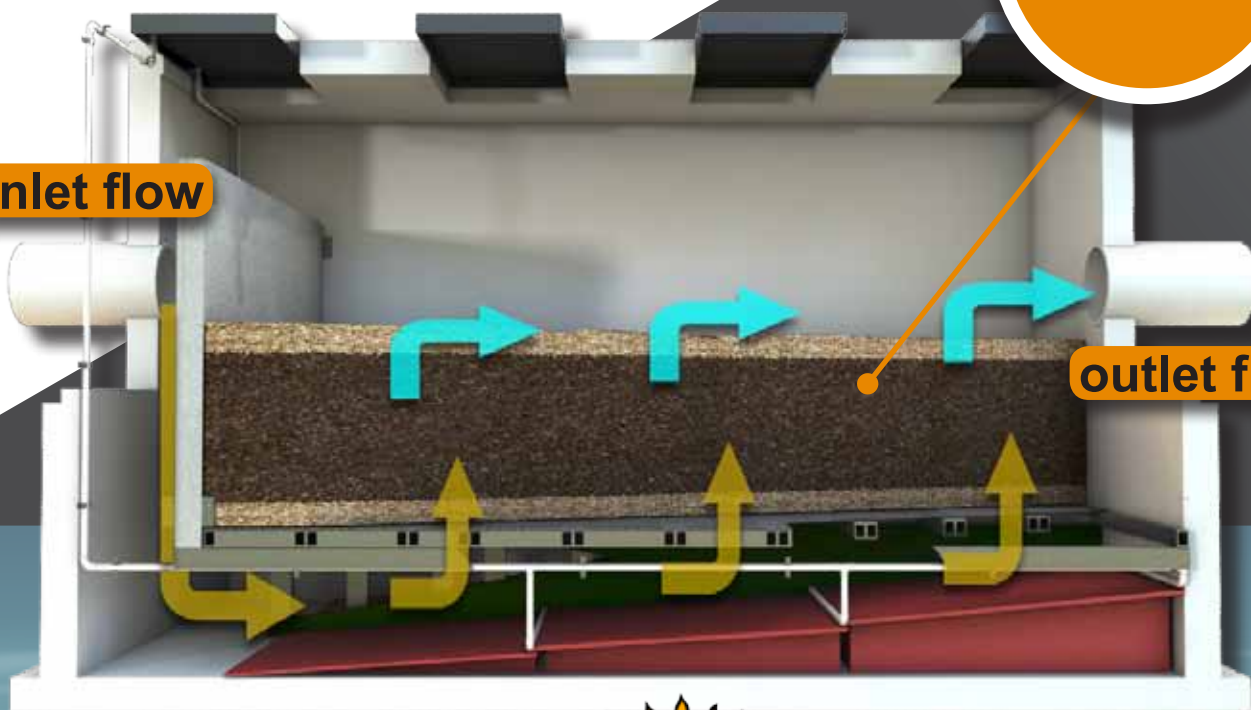
## » BOLD & GOLD® BIOSORPTION ACTIVATED MEDIA (BAM)

- Physical filtration for the removal of solids
- Sorbent surface bonding for capture of dissolved pollutants
- Biological activity: nutrient consumption and denitrification
- Long Lifespan: years before requiring replacement



inlet flow

outlet flow



# sizing

MANY SIZES AVAILABLE BASED ON SITE CONDITIONS AND TREATMENT FLOW RATES

MODEL	INSIDE DIMENSIONS
NRFS-4-4	4' x 4'
NRFS-4-8	4' x 8'
NRFS-5-10	5' x 10.5'
NRFS-6-12	6' x 12'
NRFS-6-15	6' x 15'
NRFS-8-17	8' x 17'
NRFS-10-20	10' x 20'
NRFS-10-25	10' x 25'
NRFS-12-25	12' x 25'

**best of all** since the NRFS™ is designed and manufactured by Suntree Technologies you can be confident it will continue to perform as specified

## APPLICATIONS:

- Pretreatment prior to rainwater harvesting & reuse
- Stormwater quality improvement
- Agricultural runoff nutrient reduction treatment post detention areas



Up to 80% reduction of Total nitrogen and up to 90% reduction in total dissolved phosphorus based on site conditions and treatment area.

Supplied with genuine Bold & Gold® Biosorption Activated Media (BAM) for superior nutrient reduction.



# PROVEN EXPERTISE HIGHLIGHTS

- **EFFECTIVE:** High removal efficiency for nutrients and TSS
- **HIGH FLOW RATES:** Media does NOT clog compared to cartridge filter and vertical media cassettes
- **LOW MAINTENANCE:** Media does not require removal for servicing, can be backflushed and reused
- **ECONOMICAL:** No need to purchase and replace costly filters. Media does not require frequent replacement
- **LONG LASTING:** No organics to degrade and lose treatment capability
- **EFFICIENT:** Servicing is accomplished quickly using a vacuum truck, reducing overall maintenance costs
- **FLEXIBLE DESIGN:** Available in various sizes to meet site conditions and treatment flow rates
- **AUTHENTIC BOLD & GOLD® (BAM):** Treatment media is accompanied by a certificate of authenticity with each installation



Patents pending

Distributed by



800-452-4435



[www.suntreetech.com](http://www.suntreetech.com) | 321-637-7552