



Pure Rain™ **PASSIVE** Stormwater Treatment Box contains either Biochar**BASIC**™ or Biochar**PEAT**™ Stormwater Filter Medias to capture these unwanted metals and other pollutants. Pure Rain™ **PASSIVE** is designed to be a low cost, good life span filter media for reducing copper, zinc and TSS along with other pollutants from stormwater.

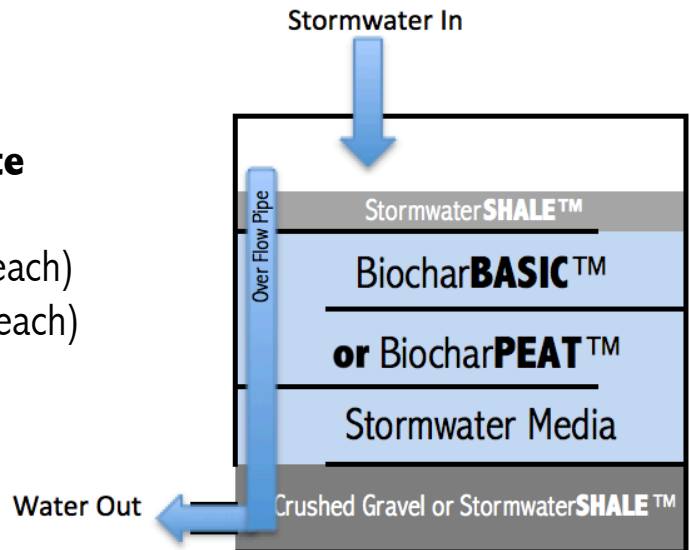
Pure Rain™ **PASSIVE** Stormwater Treatment Box standard sizes are 240-gallon, 275-gallon or 405-gallon tote but other shapes and sizes are available depending on your needs.

As a standard it's an open top which makes it easy to visually inspect and remove any sediment or debris. This unit will easily support a downspout of 5,000 - 10,000 sf roof drainage area for most rain events. With the nonwoven barriers alternating back and forth, you get additional contact time without adding to the footprint of the treatment box. This is also an easy DIY system.

Pure Rain™ **PASSIVE** Options:

- Most Common Size is **405 Gallon Tote**
- Choice of media:
 - Biochar**BASIC**™ (MSRP \$2800. each)
 - Biochar**PEAT**™ (MSRP \$3200. each)
- Other sizes and shapes available

(Bulk Discounts & DIY Pricing Available)



Stormwater**BIOCHAR**.com



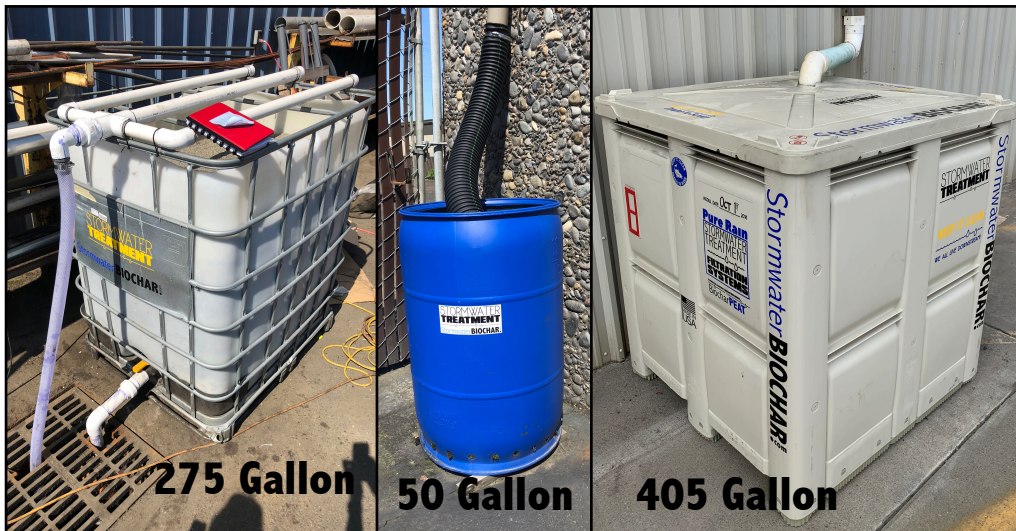
Design Conductivity Rate

BIOCHAR FILTRATION RATE (275-GAL TOTE) **108 in/hr**

Tote Width (ft) = 3.3 Tote Length (ft) = 4.0 Media Conductivity (in/min) = 1.8 Filtration Rate (gpm) = 15.0

FIELD ANALYSIS Treatment Systems

Date of Test	Pollutant Tested	PRE Treatment	Unit of Measure	POST Treatment	Unit of Measure	% Change	Amount of Media	24 hr. Rain Event at Test
3/22/18	Copper	21.4	µg/L	ND	µg/L	100%	1 CY	0.3"
3/22/18	Iron	96.9	µg/L	ND	µg/L	100%	1 CY	0.3"
3/22/18	Zinc	29.5	µg/L	ND	µg/L	100%	1 CY	0.3"
3/8/18	Copper	2260	µg/L	311	µg/L	86%	1 CY	0.4"
3/8/18	Iron	16100	µg/L	3280	µg/L	80%	1 CY	0.4"
3/8/18	Lead	2.88	µg/L	2.16	µg/L	25%	1 CY	0.4"
3/8/18	Zinc	314	µg/L	236.0	µg/L	25%	1 CY	0.4"
3/22/18	Copper	13400	µg/L	14.5	µg/L	99.9%	1 CY	0.3"
3/22/18	Iron	152000	µg/L	251	µg/L	99.8%	1 CY	0.3"
3/22/18	Lead	18.4	µg/L	0.207	µg/L	99%	1 CY	0.3"
3/22/18	Zinc	2120	µg/L	9.9	µg/L	99.5%	1 CY	0.3"



275 Gallon

50 Gallon

405 Gallon

Transportation Company / Roadway & RR Runoff / Passive Box

Pure Rain™ Filtration System | Flow Type *Passive*

After More Than 80,000 Gallons through 2/3 Cubic Yards of Biochar **PEAT™**

- **Copper** **28.3%** Pre: 12 µg/L Post: 8.6 µg/L
- **Zinc** **85.9%** Pre: 370 µg/L Post: 52 µg/L
- **Turbidity** **50%** Pre: .02 NTU Post: .01 NTU
- **#2 Diesel** **48.4%** Pre: 3.1 mg/L Post: 1.6 mg/L
- **Motor Oil** **50%** Pre: 4.4 mg/L Post: 2.2 mg/L

STORMWATER TREATMENT

Stormwater **BIOCHAR**.com

MEDIAS:

BiocharBASIC
Stormwater Treatment Filtration Media

BiocharPEAT
Stormwater Treatment Filtration Media

SYSTEMS:

Pure Rain™
STORMWATER TREATMENT

**FILTER
SOCKS**

STORMWATER TREATMENT

**CATCH
BASIN
Inserts**

Pure Rain™
STORMWATER
TREATMENT
**FILTRATION
SYSTEMS**

Stormwater **BIOCHAR** LLC

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THE RIGHT **BIOCHAR**,
THE RIGHT **BLEND**, DIALED IN

| **AMERICAN MADE**

Stormwater **BIOCHAR**.com