

# Enpurion FlexBasin™

NEW!

## Stormwater pillows offer low-cost, versatile and effective treatment

### Proven Results

- Select different media for specific pollutants
- Choose textiles for water characteristics
- Reduce heavy metals
- Capture turbidity and suspended solids
- Eliminate emulsified oils and hydrocarbons
- Change pillows to adapt to site conditions instantly
- Manage your own maintenance quickly, easily and cost-effectively

### Advantages

- Flexible and effective stormwater treatment
- Low-cost, easy to use and maintain
- Scalable and modular
- Can be configured for any combination or pollutant

### Applications

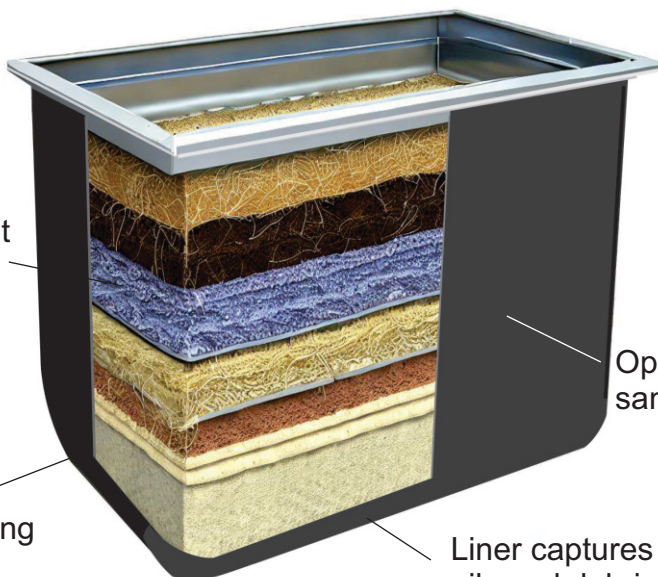
- Parking lots
- High traffic areas
- Production and material storage areas

Engineered media for site-specific pollutants

High capacity design

Up to 5 different sorption media

Mesh base prevents clogging



Liner captures oils and debris

Combine engineered media pillow materials to fit your site's needs

Enpurion MT media for metals and oils

Enpurion MX media for phosphorus, pH

Enpurion BioBlend for organics

ZnIX ion exchange for zinc, and copper

Enpurion CLR for turbidity and TSS

#### Target pollutants:

- ✓ Zinc & copper
- ✓ Turbidity & pH
- ✓ Pb, Al and Fe
- ✓ Phosphorus
- ✓ Emulsified oils
- ✓ Suspended solids

# FlexBasin™ Materials Menu

**Enpurion MT metals  
treatment media**

Organic cellulose material  
activated to cation exchange  
to 0.78 EQ / Kg - absorbs  
organics and particles

Treatment for zinc, copper,  
iron and lead, emulsified and  
free petroleum hydrocarbons

**Enpurion MX media  
for phosphorus, pH**

Calcium based mineral  
blend formulated for pH buffer  
to equilibrium 8.5 SU

Treats acidic or basic influent,  
captures phosphorus, copper  
and other nutrients

**Enpurion BioBlend  
for organics and oils**

Organic cellulose, bio-char  
and granular activated carbon  
loading up to 0.25 L/kg media

Surface adsorption and bulk  
absorption of emulsified and  
free petroleum hydrocarbons

**ZnIX ion exchange  
for zinc, and copper**

Commercial cation exchange  
resin (water softener) with  
exchange capacity =1.8 EQ/kg

High capacity resin pillows  
for longer residence times and  
higher cation metals loading

**Enpurion CLR for  
turbidity and TSS**

Organic cellulose material  
activated to absorb anionic  
suspended particles

Muddy or turbid water with  
silicate clays or silts, used in  
conjunction with MX pillows

**Polypropylene geotextile**

Heavy polypropylene felt liner

High particle and oil retention

**Open weave fiber screen**

FRP fabric allows open flow

Better for heavy oil in influent

**Oil absorbent pads**

White poly topper pads

Used to protect media pillows

**Polyethylene fine screen**

Fine mesh for high flow

High flow with fine media

**Natural fiber geotextile**

Jute or burlap pillow liners

Used for compostible pillows