

www.EcoSenseInt.com

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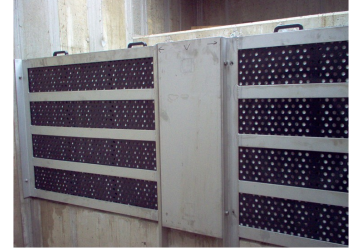


The **ESI EcoVault** is a precast
concrete stormwater treatment
structure that removes:

Sediments
Nutrients
Trash
Metals
Oil and Grease

Organics
Baffle Buddy Cassette Filter contains
patented modified aluminosilicate, ESI
MZ Filter medium, designed to absorb
cations and anions such as:

Phosphates
Hydrocarbons
Dissolved Heavy Metals
PCB, BTX, PCE, THM
Pentachlorophenol
Creosote
Non-ionic surfactants



EcoVault's Baffle Buddy Cassette Filter
media removal rates have been verified
by independent laboratories.

Ask about improved dissolved
oxygen levels in your storm
water treatment system



EcoVault™

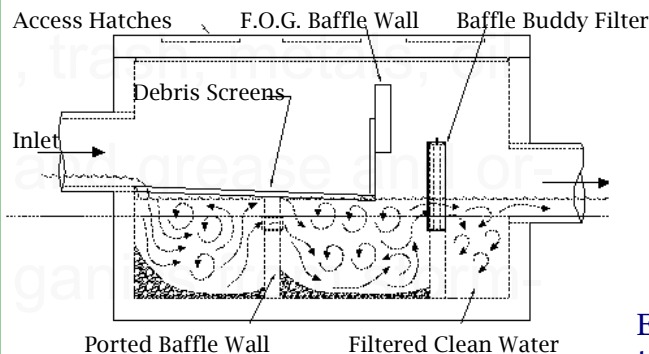
Simple Solutions to Water Pollution

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**Phosphorus
Absorptive
media!**



Multi-piece construction to minimize
lifting and freight.

Baffle Buddy Filter becomes the
final internal weir wall.

Debris screens are made of
aluminum or Stainless Steel.

ESI MZ Filter medium is superior to tradi-
tional clay materials because it is rigid
and stable, even in aqueous conditions.



EcoVault treats the con-
tinuous flow while debris
screens span the entire
box, creating extensive
storage volume.





Technology is based on slowing the flow's velocity to facilitate settling.

Baffles impede forward movement of settling particles.

Debris screens raise trash and leaves out of the water to greatly reduce decomposition.



Model Size L x W (ft x ft)	Typical Pipe Size (in)	80% TSS Removal Efficiency Flow (cfs)	Screen Storage Capacity (cf)	Sediment Chamber Capacity (cf)	Total Contaminant Capacity (cf)
5x11	12 to 30	15	87	150	237
6x12	18 to 36	24	144	201	345
8x14	30 to 54	32	324	321	645
8x16	36 to 54	40	360	369	729
10x16	42 to 66	45	550	465	1015
12x20	54 to 72	55	1008	945	1953



Servicing the EcoVault is easy with the accessible hatches and requires a vacuum truck.



Custom sizes are available to meet your specific application