

www.EcoSenseInt.com

George Dussich, CEO/President
Randall N. Burden, Director of
Engineering

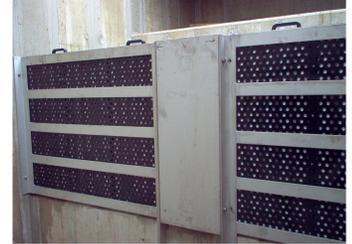


The **ESI EcoVault** is a precast concrete stormwater treatment structure that removes:

- 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 stormwater treatment system



EcoVault™

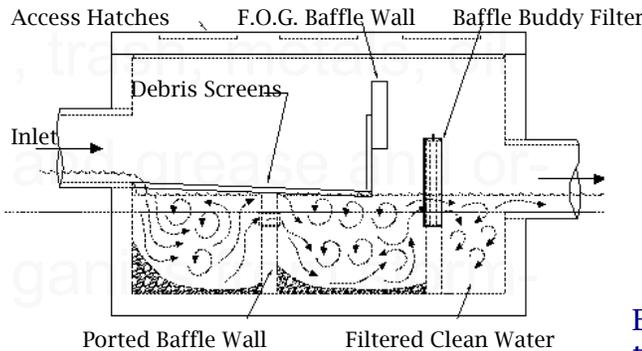
Simple Solutions to Water Pollution

EcoSense International, Inc.

P.O. Box 540562
Merritt Island, Florida

Phone: 321-449-0324
Fax: 321-449-0325
operations@ecosenseint.com

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 traditional clay materials because it is rigid and stable, even in aqueous conditions.



EcoVault treats the continuous 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