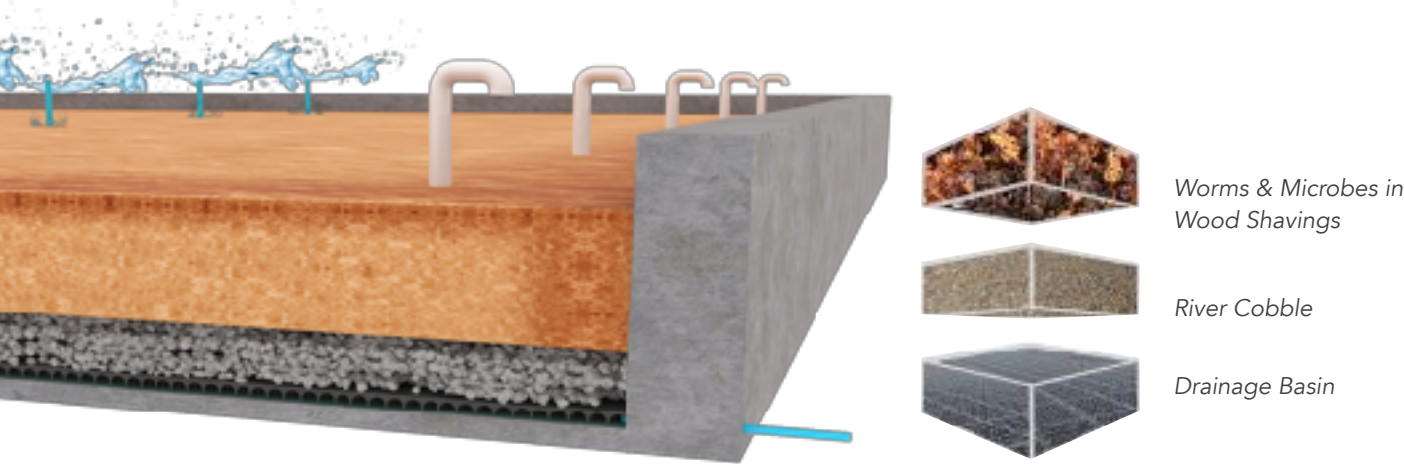




BIOFILTRO
REVITALIZE WATER

let our workers convert your waste stream into a revenue stream



Worms & Microbes in Wood Shavings



River Cobble



Drainage Basin



Headworks

Post Primary

Post BIDA®

BIOFILTRO's patented BIDA® System catalyzes the digestive power of worms and microbes to rapidly filter out wastewater contaminants. Water, applied intermittently to the biofilter via a surface irrigation system, percolates down through various medias where contaminants are trapped and digested by a biofilm. The formation of biofilm is a result of the symbiotic relationship forged between the worms and microbes introduced to the system by BioFiltro. As worms burrow in search of solids, they create air channels and castings which nourish films of microbe colonies consuming dissolved and soluble contaminants. Water ultimately drains out of the system via exit pipes where it can be reutilized or discharged to sewers at reduced contaminant levels. Quite simply, our clients make cents out of sustainability.

Removal Efficiencies

- ≤ 99% Biological Oxygen Demand
- ≤ 99% Total Suspended Solids
- ≤ 95% Total Nitrogen
- ≤ 90% Oil & Grease
- ≤ 30% Phosphorus

System Benefits

- ✓ Can Operate Year Round or Seasonal
- ✓ Custom Designed and Scalable
- ✓ Four Hour Process
- ✓ Virtually Odorless
- ✓ Zero Waste



Energy Efficient: 0.0007 kWh per gallon filtered



System generates worm castings instead of sludge



Irrigation quality effluent