

**Envirosource Silt & Sediment Reduction Units for Water Quality Protection**

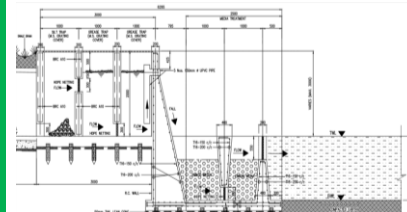
*a breakthrough in ecofriendly processes for reduction of silt and sediments from runoffs and retention ponds, for:*

*surface water protection during construction, lakes protection, river water protection, etc.*

A major problem of many Malaysian rivers is due to silts and sediments, which impart the milk-tea colour to their waters. The silts and sediments are mostly from construction and earthwork sites. With concerns for rivers' and lakes' water quality Envirosource had developed silt and sediment reduction units which employ only natural ecofriendly mechanisms, without any chemical or mechanical inputs. These products have been employed at several sites with good silt and sediment removals; and are very encouraging in providing solutions to outlets of silt retention ponds for construction sites (as part of EIA and EMP solutions), for inlets into recreational or aesthetic lakes, for pretreatments at intakes to water treatment plants, for polishing at outlets of sewage treatment plants, etc. A few applications are shown below:



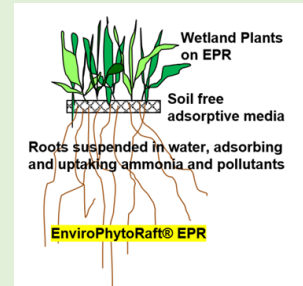
**EnviroDrain®**



**EnviroDrain® traps sediments, as well as Oil&Grease, turning turbid anoxic lake into one with clean water, sustaining aquatic life. Installation in Nusajaya shown.**



**Floating wetland, EnviroPhytoRaft® or EPR®, polishing channel that is very effective in trapping fine silts and polishing water or effluents into very clean waters. Applications in Ampang, Selangor, Malaysia, shown.**



**Soil free adsorptive media adsorbs nutrients and silt, becoming growth rooting media for the EPR plants. Exposed roots offer maximum pollutants and fine silt removal. Available in aerated or non-aerated modes.**

For further info on Envirosource Silt & Sediment reduction products (EnviroDrain®, EPR® and others) please email: [technical@envirosourcesb.com](mailto:technical@envirosourcesb.com)  
Or contact Technical PIC @ +6012 2063354