



Did You Know?... geosynthetics remove microplastics from treated water

Sludge is a semi-solid slurry that can be produced from a range of industrial processes, from water treatment, wastewater treatment or on-site sanitation systems.

Geosynthetics are used to treat sludge, through collection, dewatering and disposal. This process filters water from the sludge, capturing and containing fine particles. In combined systems, more than 99% of microplastics can be removed.



Geotextile tubes used for capturing and further dewatering sludge for disposal in solid form

Geosynthetic solutions should be fully investigated on every infrastructure project to ensure they meet the needs of the present without compromising the ability of future generations to meet their own needs.

Find out more about how geosynthetics are making a difference by downloading the IGS Sustainability eBook [here](#) or visiting our Sustainability [page](#).