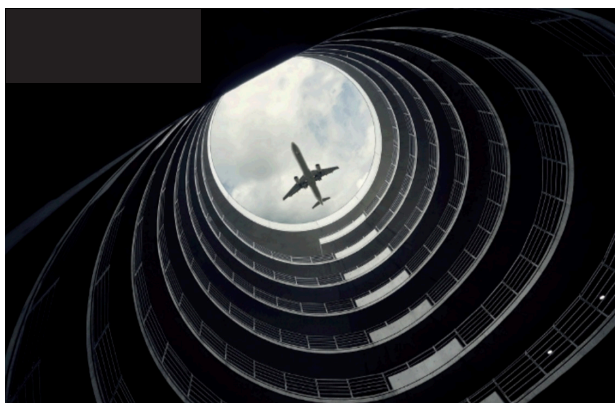


Top Flight Effluent Solution With Landia Pumps And Mixers

By Paul Davies | 29-06-2016



An aeration system made by Landia is part of a new wastewater treatment facility at a major UK Airport for the storage and treatment of surface run-off water.

The run-off water can contain de-icing fluid, glycol, jet fuel, oil, dirt, grit, as well as general rubbish.

The plant, which was designed and built by H+E, one of the world's leading solutions providers for industrial process water and wastewater treatment, sees dry-mounted Landia chopper pumps and Landia's JetMix system in operation on two new effluent storage tanks.

Contaminants are removed before water is discharged into the local sewer network, as required by both Thames Water and the Environment Agency.

The new effluent storage and treatment facility has been built to allow glycol to be recovered from the water in the future if demand and technology development permits. It could then be purified and reused, significantly reducing operating costs at the airport.

The 5.5m high, 12m diameter tanks each contain an 18.5 kW, 1500 rpm Landia chopper pump.