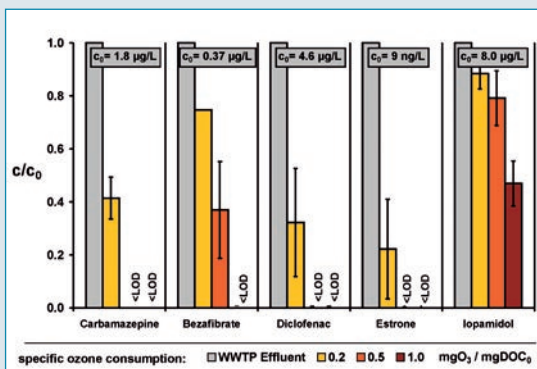


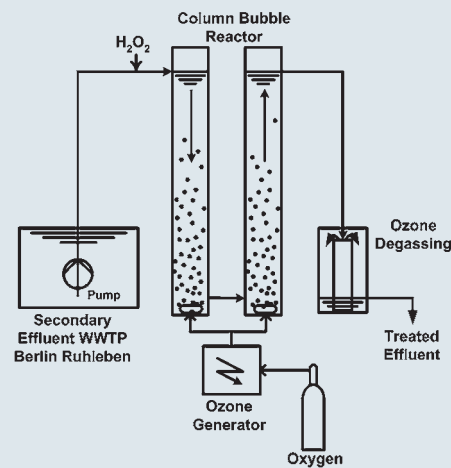
Pilot Investigations Covering the Combined Oxidative and Biological Treatment of Sewage Works Effluents (PILOTOX)

Besides pathogenous micro-organisms, the treated municipal wastewater contains a number of trace organics originating from households, commerce and industry. Particular attention has been paid to pharmaceutical agents, endocrine disrupting chemicals (EDC) and other substances of daily use.

By means of a pilot plant which has been made available by WEDECO, wastewater purified on the premises of the WWTP Ruhleben will undergo an oxidative treatment to investigate the removal and transformation of persistent trace organics, accompanying disinfection effects as well as the ecotoxicological potential of the oxidation products.



Removal of organic trace compounds from secondary effluent



Process schema of PILOTOX pilot plant

Pilot plant Wedeco AG at WWTP Berlin-Ruhleben



Project Partners



WEDECO



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