

CASE STUDY



Application	Household & Personal Care (HPC)
Effluent Type	HPC production
Flow Rate	100 ... 200 m ³ /d
Process/System	Equalisation BIOMEMBRAT® Membrane Bioreactor
Design	WEHRLE Umwelt
Construction	Client
Operation	Client
Commissioning	2013

Unilever Rus

St. Petersburg / Russia



Component	Inlet	Outlet	Performance	Comment
COD	18,600 mg/l	< 1,400 mg/l	> 92 %	Super-compact indoor plant that reliably treats effluent with a high foaming tendency.
Detergents	6,500 mg/l	140 mg/l	> 97 %	