

CASE STUDY



Application	Food & Beverage
Effluent Type	Chewing gum production
Flow Rate	200 m ³ /d
Process/System	Lamella-settler BIOMEMBRAT® Membrane Bioreactor Activated Carbon, sludge-dewatering
Design	WEHRLE Umwelt
Construction	WEHRLE Umwelt
Operation	Client
Commissioning	2009

Dirol Cadbury

Veliky Novgorod / Russia



Component	Inlet	Outlet	Performance	Comment
COD	8,000 mg/l	< 200 mg/l	> 97 %	Highly sophisticated effluent treatment plant for the treatment of a complex, polyols-laden effluent originating from a chewing gum production.
SS	1,000 mg/l	< 15 mg/l	> 98 %	