

CASE STUDY



Application	Leachate Treatment
Effluent Type	Leachate from municipal waste landfill
Flow Rate	200 m ³ /d
Process/System	BIOMEMBRAT® Membrane Bioreactor Reverse Osmosis
Design	WEHRLE Umwelt
Construction	WEHRLE Umwelt
Operation	Client
Commissioning	1998

Àrea Metropolitana de Barcelona

Barcelona / Spain



Component	Inlet	Outlet	Performance	Comment
COD	15,000 mg/l	< 100 mg/l	> 99 %	Upgrade of the plant in 2005.
NH ₄ -N	4,000 mg/l	< 50 mg/l	> 99 %	
Cl	5,000 mg/l	< 150 mg/l	> 97 %	