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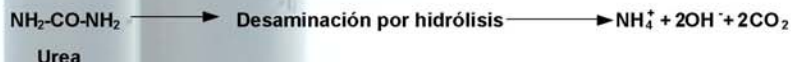
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With more than 100 treatment plants built worldwide and with a long-term operation of over 15 plants, Wehrle Umwelt GmbH is a leading company in the design, construction and operation of high organic- and ammonium-loaded wastewater treatment plants. A combined denitrification /nitrification process is carried out in cross-flow membrane bioreactor (MBR) or sequencing batch reactor (SBR) processes, rendering high COD and nitrogen removal efficiency.



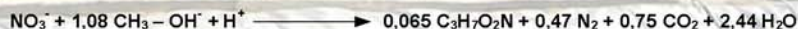
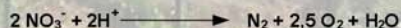
Nitrificación



Asimilación de nitrógeno



Desnitrificación



	Feed flow (m <sup>3</sup> /day)	COD inlet (mg/L)	COD outlet (mg/L)	NH <sub>4</sub> <sup>+</sup> -N inlet (mg/L)	NH <sub>4</sub> <sup>+</sup> - N outlet (mg/L)	NH <sub>4</sub> <sup>+</sup> -N removal (%)
Landfill leachate (MBR)	700	4 000	1 000	2 000	<5	>99 %
Bunker wastewater (MBR)	150	57 000	300	1 400	<10	>99 %
MBT wastewater (MBR)	100	30 000	750	3 500	<10	>99 %
Sludge wastewater (SBR)	550	365	50	950	<20	>98 %