

Municipal Wastewater

Haliant Technologies has the experience and products to provide new and optimize existing municipal wastewater treatment plants.

Haliant has designed, supplied, and installed the equipment and systems for state-of-the-art municipal treatment facilities. Incorporating the equipment and recommendations of Haliant, this municipal wastewater treatment plant was able to expand its capacity from 100,000 m³/day from to 300,000 m³/day and comply with all relevant environmental discharge standards.



The application of the membrane separation technology in the municipal wastewater

MUNICIPAL WASTEWATER

Treated Water Results	Raw Water	Treated Water
Ammonia Nitrogen (NH ₃ -N)	< 40 mg/L	< 25 mg/L
Biological Oxygen Demand (BOD)	400 - 800 mg/L	< 30 mg/L
Chemical Oxygen Demand (COD)	1,200 - 1,800 mg/L	< 120 mg/L
Total Suspended Solids (TSS)	200 - 300 mg/L	< 100 mg/L

