

Case Study: Veria WWTP - Greece



BIO-ENVIRONMENTAL

innovative hydro solutions

Case Study	VERIA W.W.T.P
Location	Northern Greece
Target	Sludge Elimination
Population Equivalent	60,000
Flowrate	11,000 – 13,000 m ³ /day
Treated wastewater	Public WWT Plant
Project Initiation	15/7/2012



Parameter	Units	Input (Average)	SLUDGE PRODUCTION BEFORE YDRO ton /day	SLUDGE PRODUCTION AFTER YDRO ton/day	Reduction
Suspended Solids	mg/litre	400	15 – 20	0	100 %
COD	mg/litre	500			
TN	mg/litre	75			
TP	mg/litre	15			

Comments & Results

- ❑ The plant also receives up to 100 ton/day of external sludge from other wastewater treatment plants, which is equivalent to a population of 500,000 people
- ❑ The electricity consumption in the aerobic zone has been reduced to at least 50% after the application of the Ydro Process