

Case Study: Northern Greece WWTP

Case Study	NORTHERN GREECE W.W.T.P
Location	Northern Greece
Target	Sludge Elimination
Population Equivalent	75,000
Flowrate	12,000 m ³ /day
Treated wastewater	Municipal
Project Initiation	12/2014



BIO-ENVIRONMENTAL

innovative hydro solutions

Parameter	Units	Input (Average)	SLUDGE PRODUCTION BEFORE ton/day	SLUDGE PRODUCTION AFTER ton /day	Reduction
Suspended Solids	mg/litre	300	12 – 18	0	100 %
COD	mg/litre	600			
TN	mg/litre	70			
TP	mg/litre	10			

Comments & Results

- ☐ Total reduction of excess sludge
- ☐ The electricity consumption in the aerobic zone has been reduced to approximately 15% after the application of our bacterial products
- ☐ The SVI values in the sedimentation tanks were improved