



## CASE STUDY: NORTHERN GREECE W.W.T.P.

Case Study	NORTHERN GREECE W.W.T.P
Location	Northern Greece
Target	Sludge Elimination
Population Equivalent	120.000
Flowrate	29.000 m <sup>3</sup> /day
Treated wastewater	Municipal
Project Initiation	07/2017



Parameter	Units	Input (Average)	SLUDGE PRODUCTION BEFORE Application (Average) tn /day	SLUDGE PRODUCTION AFTER Application (Average) tn/day	Reduction
Suspended Solids	mg/lt	250	20 – 25	0	100 %
COD	mg/lt	400			
TN	mg/lt	55			
TP	mg/lt	12			

### Remarks

- Total reduction of excess sludge
- The electricity consumption in the aerobic zone has been reduced to approximately 25% after the application of the Ydro Process®
- The SVI values in the sedimentation tanks were improved