



CASE STUDY: SOUTHERN GREECE W.W.T.P.

Case Study	SOUTHERN GREECE W.W.T.P
Location	Southern Greece
Target	Sludge Elimination
Population Equivalent	200.000
Flowrate	38.000 – 40.000 m ³ /day
Treated wastewater	Municipal
Project Initiation	10/2013



Parameter	Units	Input (Average)	SLUDGE PRODUCTION BEFORE Application (Average) tn /day	SLUDGE PRODUCTION AFTER Application (Average) tn/day	Reduction
Suspended Solids	mg/lt	100	30 – 35	0	100 %
COD	mg/lt	400			
TN	mg/lt	70			
TP	mg/lt	7			

Remarks

- The total reduction of excess sludge occurred with the anaerobic digestion stage not in operation
- 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