



CASE STUDY: LAKE REHABILITATION

Case Study	LAKE REHABILITATION
Location	Northern Greece
Target	Water Quality Improvement & Odor Control
Volume	280.000 m ³
Flowrate	< 30 m ³ /hr
Treated wastewater	Surface & Treated sewage water
Project Initiation	2/2017



Remarks

- Two lakes in series were treated.
- Lake No1 approximate volume 30.000 m³ and Lake No2 of 250.000 m³
- The inflow is surface water and effluent from a wastewater treatment plant
- The target of the implementation the overall rehabilitation of the two lakes
- A combination of Facultative Microorganisms were used throughout three months
- An increased dosage was used during the cultivation period (first month of application)
- The total microbial product quantity used was approximately 110 kg
- All monitored parameters (Turbidity, TN, TP etc.)were improved and the rehabilitation was achieved