

MUNICIPAL WWTP

Easy automatic operation with simple maintenance.

Problem

This municipal plant had been facing lots of problems with belt press operation – lots of minor failures, belt damages, necessary 24h presence of operators, high operation costs etc. Recently the belt press was just causing more problems than benefits and plant decided to replace it with a new technology.

Solution

Plant decided to try Dewatering Press and they were testing with demo unit for one year prior to make a decision to purchase own unit ES-202. Key factor for decision was the fact that ES-202 was very easy to use and operate. Moreover dewatering result was much better than it used to be with belt press.

Nowadays the client is very satisfied with ES-202 performance and he is happy about easier process of sludge dewatering and low operational costs for sludge dewatering, including the savings of one employee salary thanks to unmanned operation.

Dewatering Press ES-202



Conditions

UNIT	ES-202
Sludge Type:	Mix of Activated and Septic Sludge
Solids Concentration:	3 %
Flow Rate:	1.5 m ³ /h
DS Throughput:	45 kg-DS/h
Cake Solids Content:	19%
Capture Rate:	> 95 %
Polymer Dosage:	6 g/kg-DS

Flocculation tank



Sludge cake

