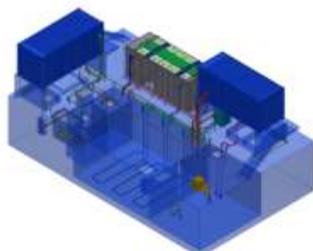
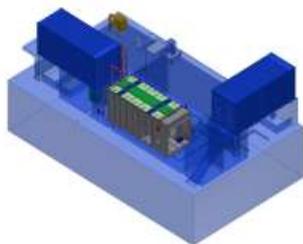


CASE STUDY



INDUSTRIAL WASTEWATER TREATMENT PLANT IN CONTAINERIZED FORM FOR A FOOD FACTORY

DEVISE ENGINEERING S.A. designed, constructed and commissioned in 2013 a Packaged Wastewater Treatment Plant for the **Pasta & Canned products Factory** of MELISSA Industry in Greece.

The purpose of this Package Wastewater Treatment Plant was to treat the wastewater effluent from the factory, achieving the effluent quality parameters specified by the client and meeting the required EU standards for safe underground effluent discharge.

The Plant is capable of treating up to 80 m³/day of industrial wastewater with an average loading of COD = 4.766 mg/l, BOD₅ = 1.428 mg/l, TSS= 1.376 mg/l.

This Industrial WWTP has been implemented using compact and prefabricated units in a great extent, thus offering an effective solution that facilitated the quick installation and limited the disruption of the factory's operation.

DEVISE specially designed and built the complete wastewater treatment solution which comprises of:

- Inlet Works (fine screening)
- Containerized Physical-Chemical Treatment Unit (DAF) in stainless steel
- Containerized Biological Treatment Unit, using MBBR-IFAS technology, DEVISE Model "15BIOMAX-3"
- Disinfection System and Containerized Sludge Dewatering Plant, Model "CSDP-1"

The Wastewater Treatment Plant is fully automated and controlled through an advanced PLC & SCADA system to ensure reliable and efficient operation.

DEVISE ENGINEERING provides its clients Smart Water Solutions at a competitive price and guaranteed performance with the highest European Quality.



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