

MUNICIPAL WASTEWATER TREATMENT PLANT

Argentina, Newfoundland, Canada

MODEL OF DEHYDRATOR

MDQ-102 C

START OF OPERATION

2019 November

ISSUE

The customer was looking for a low-cost, yet reliable and easy to operate solution for sewage from a construction site of an offshore platform treatment.

SOLUTION

Project was carried together with our partner MABAREX. EKOTON offered Multi-disc Screw Press Dehydrator MDQ-102 C, which is the part of the containerized wastewater treatment plant.



RESULTS

TYPE OF SLUDGE	excess activated sludge from MBR
OPERATING TIME	6-10 h/d
UNIT SLUDGE SUPPLY	0.5-1 m ³ /h
INLET SLUDGE DS CONTENT	0.5-1 %
CAKE DS CONTENT	15-17 %
POLYMER CONSUMPTION	5 kg/ton DS
TSS CONCENTRATION IN FILTRATE	20-100 ppm
DS CAPTURE RATE	more than 98 %

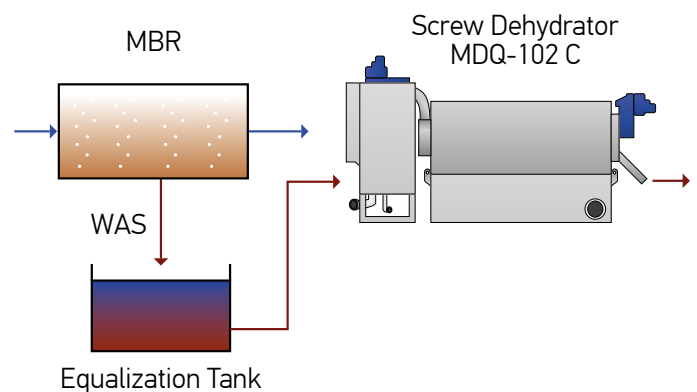


Figure 1. Technological scheme