

ALBUFEIRA'S SUBMARINE OUTFALL

1.920 m long Outfall in HDPE pipe Ø
1.000 mm and diffuser at -10.20 CD



ETERMAR

CLIENT

Águas do Algarve, S. A.





CONSTRUCTION TIME

12 MONTHS

DESCRIPTION

The Albufeira's WWTP (located in Vale de Faro) with an instream maximum flow of 4.250 m³/h is dimensioned for a population of 130.000 inhabitants.

The contract named "Design and construction of the disinfection section of the Vale de Faro WWTP's in Albufeira, and corresponding treated waste water rejection outfall" included the following works:

- Construction of the UV disinfection section at the Albufeira's WWTP.
- Construction of two contiguous outfalls, on land outfall with 900 m long in HDPE Ø 1.000 mm, and submarine outfall in HDPE Ø 1.000 mm PN 6,3 with 1.020 m and diffuser placed at maximum depth of -10.20 m (CD).

Together with the Ø 400 mm existing outfall assure a maximum discharge flow of 4.232 m³/h on sea.