## BAJO ALMANZORA DESALINATION PLANT



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Within the actions of the program A.G.U.A in the Mediterranean basins entrusted to ACUAMED society, whose main goals are to increase water resources, improve the management of water and restore the environment, is included the construction of the desalination plant of Bajo Almanzora.

The desalination plant of Bajo Almanzora is located in the Almeria municipality of Cuevas de Almazora between the towns of Palomares and Villaricos and provides its 15 Hm3 of irrigation water and 5 Hm3 for the urban water supply of several districts in Levante almeriense.

This plant, with a production capacity of 60.000 m3/d, in 4 reverse osmosis lines, was awarded to the joint venture formed by FCC Construcción, BEFESA Agua, AQUALIA Infraestructuras y AQUALIA Gestión Integral del Agua with a total investment of 73 million euros and co-financed by the European Union.

# BAJO ALMANZORA DESALINATION PLANT

### **DESALINATION PLANT**



Project name: Cuevas de Almanzora Plant Location: Villaricos, Almería, SPAIN Capacity: 60,000 m3/day Source of Water: Sea Water Operation Date: June. 2011 Technology: Reverse Osmosis Contractor: J.V. - FCC Construcción, BEFESA Agua, AQUALIA Infraestructuras y AQUALIA Gestión Integral del Agua.

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BEL

BEL, world specialist manufacturer and vendor of composite made Pressure Vessels and other equipment for the water industry.

With more than 40 years of experience in the world of composite materials and winding driven products, BEL is serving the process and water industries holding unique wealth of expertise and skilled resources necessary for design, development and manufacturing of advanced composite products from cutting-edge technologies for the chemical and food industries, waste water treatment and water supply was the selected supplier for the Pressure vessels of this plants with:

#### **First Stage**

- 378 Units of High Pressure Vessels model BEL8-S(3x2,5")-1200-7M
- 192 Units of Low Pressure Vessels model BEL8-S(4x2,5")-1200-7M

### Second Stage

• 159 Units of High Pressure Vessels model BEL8-S(3x2,5")-1200-7M

**Skid Configuration:** Muliports Ø2,5" **Membranes:** Hydranautics

For more information, contact BEL by e-mail: composite@bel-g.com www.belvessels.com