

# MUHARRAQ WASTEWATER TREATMENT PLANT



**PLANT TYPE**  
Wastewater Treatment Plant



**CLIENT**  
Ministry of Works, Kingdom of Bahrain



**SECTOR**  
Municipal



**COUNTRY**  
Bahrain



**CAPACITY**  
100,000 m<sup>3</sup>/day



**TECHNOLOGY**  
Biological + Tertiary Treatment



**PARTICIPATION IN THE SPV**  
35%



**TYPE OF PROJECT**  
29-year contract under a BOOT scheme (WWCN) – BOO (STP)



**INVESTMENT**  
US\$ 310 million



**STATUS**  
In operation



The Muharraq project is a 100,000 m<sup>3</sup>/d state-of-the-art wastewater treatment plant with a sewer conveyance system in the Muharraq catchment area. The conveyance system includes the first 16.5 km deep gravity sewer trunk pipeline in the GCC region and a wastewater collection network.

This plant uses tertiary treatment to recycle part of the treated used water into clean high-grade reclaimed water.

In 2011, the concession was signed with the Ministry of Works, and operation of the facility began in 2014. This project was acquired by Almar Water Solutions in 2019.

