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FACT SHEET

TAFILEH WASTEWATER TREATMENT PLANT

2018-2022 • \$32 million • Partners: CDM International Inc., Ministry of Water and Irrigation, Water Authority of Jordan. 2018-2022 • Project construction cost \$32 million • USAID share of the construction is \$23 million • Project construction management services cost \$1.8 million • This task was under Water Sector Infrastructure Project and is now under the Jordan Water Infrastructure Project • Partners: CDM International Inc., Arabtech Jardaneh, Ministry of Water and Irrigation, Water Authority of Jordan, HAE Establishment.

BACKGROUND

Jordan is one of the most water-scarce countries in the world. A rapidly growing population and changing climate strain the already shrinking water resources. Jordan's water systems provide comprehensive service coverage throughout the Kingdom, but water supplies are not always constant. Aging infrastructure results in significant water loss. Jordan requires expansions and upgrades to water treatment plants, water distribution systems, sewer collection systems, and wastewater treatment plants including expansion of wastewater reuse. By expanding infrastructure, the country can cope with the growing demand for diminishing surface water and groundwater resources, and to strengthen Jordan's water security.

PROJECT OVERVIEW

The project addresses current wastewater treatment process deficiencies to enhance sanitation in the Tafileh area. Under the Tafileh Wastewater Treatment Plant activity, USAID and the Government of Jordan demolished and replaced the existing wastewater treatment plant, built in 1989, and built a higher-capacity, more efficient plant on the existing site. This new plant has increased the waste processing capacity from 1,600m³/day to 5,000 m³/day expandable to 7,500 m³/day.

NOTEWORTHY ACHIEVEMENTS

- Completed the design and the construction of a new plant with an average daily flow capacity of 5,000m³/day, expandable up to 7,500 m³/day.
- The new plant provides over 67,000 people in Tafileh with access to safely managed sanitation services that prevent water contamination and protect public health and the environment.
- Increased the volume of treated wastewater available for agricultural irrigation, allowing potable surface and groundwater sources to be used for drinking.

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