

Wajir 6 WaterKiosk®

Potable water in a dry town

Wajir County is located in the Northern part of Kenya with a population of about one million. Residents in this region spend most of their day under the scorching sun in search of hygiene water. The area has a shortage of water resources and the few available are contaminated making water borne diseases unavoidable. The only source of water in the town is underground water.

Wajir 6 WaterKiosk® is right within the Grand Oasis Hotel compound along the perimeter fence making it easily accessible by the residents and at the same time visitors at the hotel. The desalination machine installed has a capacity of 20,000 liters per day and is run by a 9.8kW solar array.

Video of the Waterkiosks in Wajir

<https://www.youtube.com/watch?v=HLCGdZn2szU>

Impressions



Key Facts

Country, region: Kenya, Wajir County

Technology transfer: solar-PV powered reverse osmosis water treatment plant for the production of clean drinking water

Standard: GS

Status: commissioning in December 2020

Achieved effect: Access to drinking water at affordable rate to the public

SDG's:

