
100-foot solar-powered container used in Nairobi tunnel

What is the longest water-gathering tunnel in Kenya?

Initial construction work on the Sh8 billion Northern Water Collector Tunnel project in Murang'a has now been completed, creating Kenya's longest water-gathering tunnel. Drilling for the tunnel began in February 2015 and is designed to increase water levels at the Ndakaini Dam, while boosting Nairobi's water supply by 140 million litres per day.

Will the Northern Water Collector tunnel solve Nairobi's water crisis?

The Northern Water Collector Tunnel is seen as a solution to Nairobi's water crisis and is expected to end water shortages in areas such as Lang'ata, Utawala, and Karen. NWSC states that a pipeline is being extended from Karen to Lang'ata, with more than 80% of the work already completed, bringing the region closer to resolving its water issues.

What is the Ndakaini water collector tunnel?

Drilling for the tunnel began in February 2015 and is designed to increase water levels at the Ndakaini Dam, while boosting Nairobi's water supply by 140 million litres per day. The Northern Water Collector Tunnel consists of a 12 km-long, 3.2m-wide water diversion tunnel from the River Maragua to the Ndakaini Dam.

How many intakes were buried in Kenya's Iratē & Maragua tunnel?

According to Dong Qide, project engineer for China Gezhouba Group Company, the tunnel's excavation involved the construction of three intakes at Maragua, Gikigie, and Iratē - all of which were completed in strict adherence to Kenya's environmental laws and policies.

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