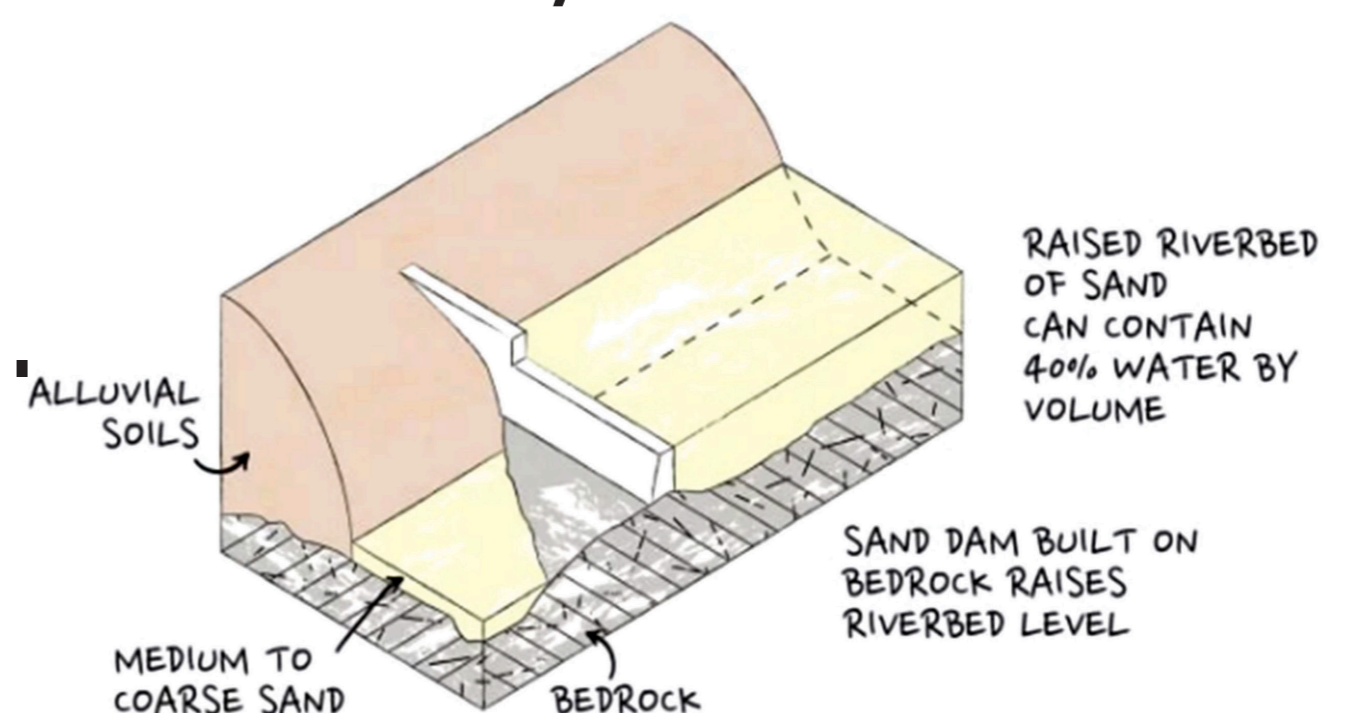


SAND DAMS IN NAIROBI

A Sand Dam is a reinforced concrete wall built across a seasonal riverbed that can harvest and store up to 40 million litres of water, replenishing every rainy season. During short but intense seasonal rains, water flows over a sand dam and deposits sand behind the dam wall. Water is stored within this sand, where it is kept safe from evaporation, contamination and disease.



Sand Dams are built and owned by the communities who benefit from them, lasting upwards of 60 years. They provide clean water closer to people's homes, saving hours of time each day that people (particularly women and children) can invest in their futures. Water from Sand Dams also supports farmers helping to grow more crops and enhance food security.