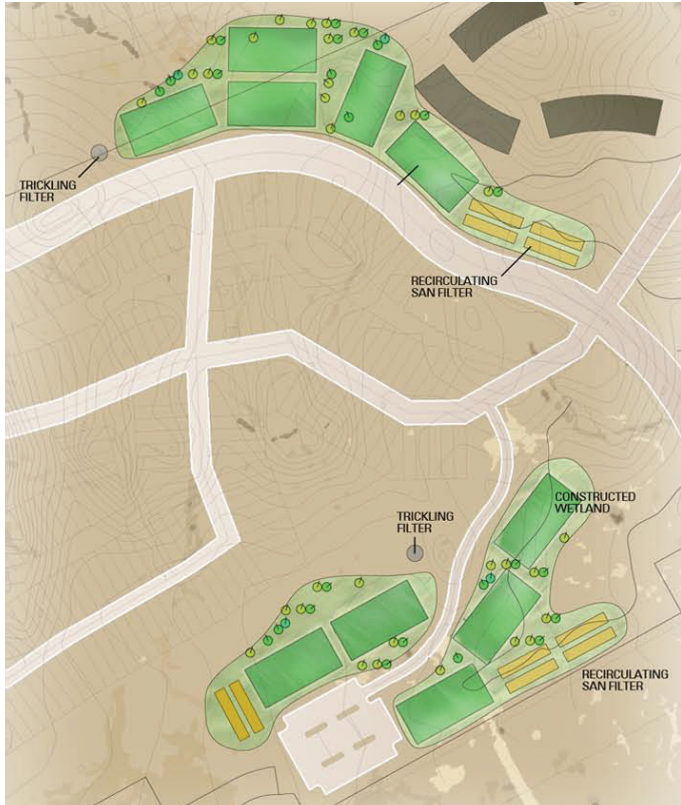


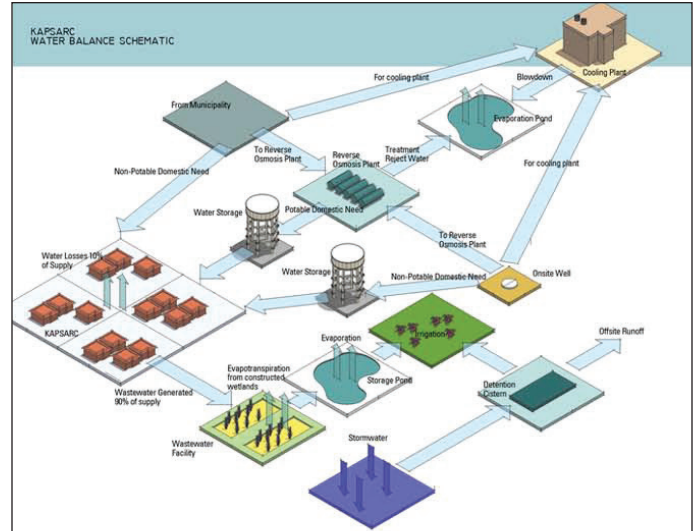
SAUDI ARAMCO

# King Abdullah Petroleum Studies and Research Center

Riyadh, Saudi Arabia



above: Wastewater infrastructure planning  
top right: Water balance schematic—graphic visualization of data



King Abdullah Petroleum Studies and Research Center(KAPSARC) is located in Riyadh, Saudi Arabia's capital and largest city. Riyadh, located in the center of the Arabian Peninsula on a large plateau, has experienced very high rates of population growth, from 150,000 inhabitants in the 1960s to approximately five million people today. The project is located on 200 hectares between the outskirts of Riyadh and King Khalid International Airport (KKIA), just north of the proposed Princess Nora Bint Adulrahman University. The project is divided into two zones: 1) Competition

Zone and 2) a mixed use, but primarily residential development. The Competition Zone will house the energy and environmental research complex.

Saudi Aramco has contracted the services of HOK to develop the Master Plan for KAPSARC. Biohabitats has been retained by HOK to assist in the development of the project's integrated water systems including water supply, stormwater, wastewater, and water reuse systems. The senior engineering staff at Biohabitats worked closely with the HOK team to provide the best possible solutions for sustainable water infrastructure.

conservation planning  
ecological restoration  
regenerative design



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