

FRESHWATER

REDEVELOPMENT OF THE KING DAVID MOWBRAY GOLF COURSE AND SURROUNDS



A baseline assessment of river and wetland systems has been prepared by Freshwater Consulting as an informant to the concept design. The assessment found several aquatic ecosystems on site include drainage ditches, golf course ponds, a highly degraded artificial wetland, the modified Elsiekraal River and associated floodplain wetland, and floodplain wetlands associated with the Vygekraal River.



The Elsiekraal River floodplain wetland and Vygekraal River wetlands are severely modified but are important in providing flood alleviation and stormwater management functions in an otherwise hardened catchment. The assessment recommended that these aquatic ecosystems be retained on site with the provision of development setbacks / ecological buffers to minimise impacts from the proposed development.



The proposed development also includes decanalisation and rehabilitation of a section of the Elsiekraal River. The decanalisation will involve replacing sections of the concrete canal with improved habitat in an unlined channel surrounded by public space.



An Aquatic Impact Assessment will be undertaken to determine the potential impacts of the development on the aquatic ecosystems.

