

WRC Project K5/2413: Development and management of a Water Sensitive Design Community of Practice programme



Vodacom Site Solution Innovation Centre City of Johannesburg 2011

Vodacom is an international cellular network provider. The SSIC, housing offices and conference spaces, is surrounded by extensive indigenous gardens complete with pedestrian paths. It was developed by the Vodafone Group for its new tower and telecommunication experimentation and monitoring unit. The unit is a specialised developer of low energy, passive technologies for remote and poorly serviced telecommunication sites.

Water Sensitive Practices

Sustainable urban drainage systems: Feature pond to enhance indoor amenity value and aid circulation of cool air from outside; underground detention tanks

Alternative Water Supply practices: Combined rainwater harvesting and greywater recycling system with treatment wetland

Other water conservation and demand practices: Water efficient fixtures such as dual-flush toilets and aerated taps; xeriscaping; drip irrigation



Developers

Vodafone (Group),
Vodacom (Local
Subsidiary)

Consultants

WSP (Engineering
services and ESD); GLH
Architects

Operators

Vodacom

Rating

6 Star Green Star South
Africa (GSSA) Office v1
Design

