

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



### The Falls Pick 'n Pay Little Falls, City of Johannesburg 2012



The 'green' interventions integrated into the development were the result of several sustainable programmes instituted by PnP, such as its 'Sustainable Living' report, as well as the International Carbon Disclosure Program and the local Socially Responsible Investment Index of the JSE. Note that the Falls PnP was not given any Green Building Rating as there were no locally available rating tools for retail developments at the time.

#### Developers

Atterbury Property Developments

#### Consultants

WSP Group Africa; Boogertman + Partners (Architects); Interdesign (Landscape Architects and environmental control)

#### Operators

Pick n' Pay (Internal); Life Landscapes

#### Water Sensitive Practices

*Sustainable Urban Drainage Systems:* Stormwater runoff from roughly 66% of the parking area is directed to nine swales; Runoff from swales, rooves, parking and truck handling areas captured and piped to large on-site detention (dry) pond

*Alternative water supplies:* Stormwater and refrigerator condensate harvested for irrigation

*Water conservation & water demand management:* Water-wise planting; use of indigenous species, minimum lawns; drip irrigation

