

# Enviro study for PE desalination plant

Project: Desalination plant

Client: Nelson Mandela Bay

Metropolitan Municipality

Location: Eastern Cape,

South Africa

SRK Consulting has been appointed by the Nelson Mandela Bay Municipality (NMBM) to conduct an environmental impact assessment (EIA) process for the proposed development of a 60Mℓ/day desalination plant in Port Elizabeth, to supply potable water to the municipality.

The proposed desalination plant will address current and future concerns around the reliability of water supply from existing dams supplying the western parts of the municipality, particularly relating to the possible of reduced water availability due to climate change and increasing demands.

Investigation of alternative sites, technologies and plant configurations will form part of the EIA process and inform the final plant design.

Three locations in the vicinity of Schoenmakerskop have been identified through a screening process as potential sites for the construction of the desalination plant and will be included in the environmental assessment.