



Client: RCE Consultants

Services: Stormwater Management Report

Appointed Date: November 2014

Davel to Lothair railway section, Swaziland

Stormwater Management Report

The Task

Nurizon Consulting (Pty) Ltd. had to analyse, design and provide recommendations regarding the hydrological & hydraulic requirements for the Davel to Lothair railway section.

Stormwater Strategy

The upgrading of the existing rail consists of the following:

- ✓ Offset the centreline of the existing rail to include a new adjacent rail.
- ✓ Changing cut and fill portions to allow for a more balance solution.

Stormwater Management Plan

- Cross Drainage
- Longitudinal Drainage
- Davel Yard
- Vaal River Bridge Crossing

Hydrology & Hydraulics

- Regional climate & rainfall patterns
- Hydrological Data