



Client: RCE Consultants
Services: Alternative Alignment
Appointed Date: August 2014

Swaziland Railway Link project - Sidvokodvo, Swaziland

Hydrological Service

The Background

Nurizon Consulting (PTY) Ltd. was contracted for the professional hydrological services related to the Swaziland Railway Link project, Sidvokodvo Alternative Alignment.

Road length was approximately 6km.



Scope of works

- ✓ Calculation and determination of catchment areas, rainfall data, stormwater
- ✓ run-offs & flood peaks.
- ✓ Sizing of the drainage structure, to the design flood peaks (parallel & cross flows)
- ✓ Technical report.
- ✓ List of information for the hydraulic structures sizing.
- ✓ Description of the design parameters & assumptions.
- ✓ Sizing of the hydraulic structures.

