



**Figure 4:** Dust extractor on existing tippler

## Tippler Unit Dust Extractor

A dust extraction system and associated bag filter unit will be installed at the tippler building.

The purpose of the dust extractor is to minimise dust pollution.

In principal, the system works similar to a normal household vacuum cleaner.

## Other Components

### Railway Lines

A new link line and deviation of the existing port link 1 will be constructed from the position where the lines cross underneath Trunk Road 85/1 to tipplers 1 and 2. The new lines will consist of departure lines, arrival lines and stacking legs.

### Bridges and Roads

The existing Duferco bridge needs to be demolished to accommodate the new rail feeder lines to the new tippler. A new road bridge approximately 80 m long will be constructed.

The road-over-rail bridge on Camp Road linking Saldanha to Langebaan will need to be widened to accommodate the additional railway lines serving the new tippler. A temporary road deviation during the construction period will be necessary.

### Haul and Service Roads

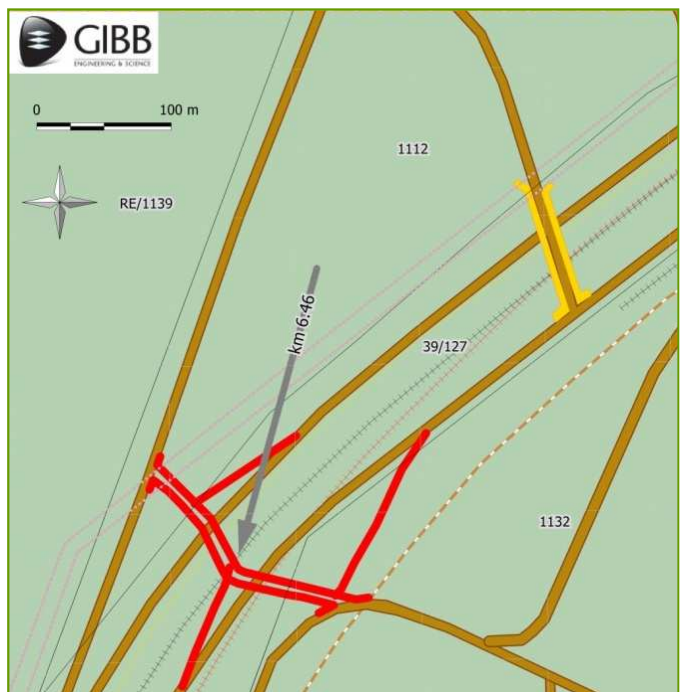
Some existing haul and service roads will be diverted and new sections constructed to serve the new tippler. New roads will not exceed 8 m in width.

### Drainage

Appropriate drainage structures will be constructed.



**Figure 5:** Photograph of the Duferco Bridge



**Figure 6:** Diagram of Duferco Bridge layout. The existing bridge (yellow) to be demolished, the new bridge (red) to be constructed (top). Existing Duferco Bridge (bottom)

