

COLCHESTER COEGA RIVER BRIDGE

Colchester, Eastern Cape, South Africa
(Compliance to Water Use Licence)

PROJECT TYPE: Bulk earthworks and bridge construction

CLIENT:
South African National Roads Agency

DATE OF PROJECT:
November 2010

PROJECT DESCRIPTION:

The upgrade of the Colchester bridge came with a detailed client Water Use Licence with 20 mechanical and chemical parameters that needed to be measured upstream and downstream monthly.

Concor's main potential impact was its water based activities which included the engineering of in situ cofferdams.

The main parameters to be controlled were various hydrocarbons as well as pH and turbidity from any sediments entering the river.

The work areas were isolated from the river with turbidity curtains and silt fences.

The efficacy of these controls were shown in the results of the water monitoring with no major deviation from the norm noted during the duration of the project.

