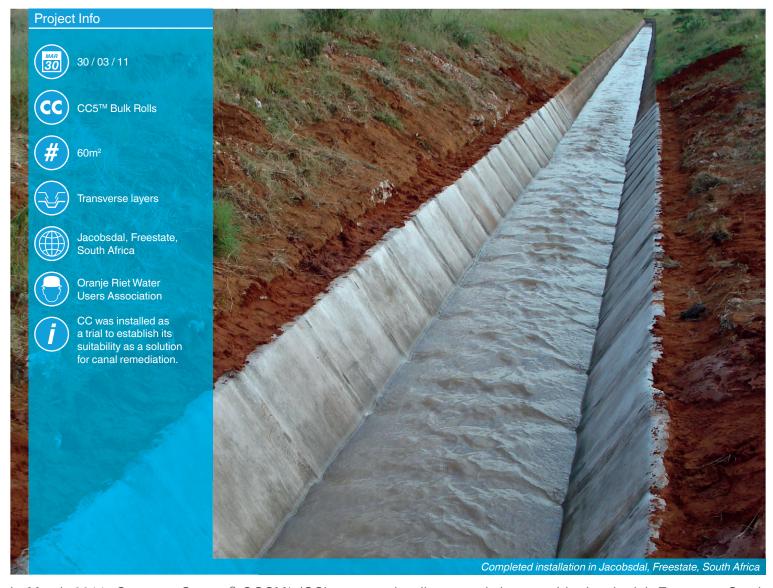


## REMEDIATION



In March 2011, Concrete Canvas® GCCM\* (CC) was used to line an existing canal in Jacobsdal, Freestate, South Africa. The installation was treated as a trial to establish whether CC could be used to reline existing canals that had deteriorated and needed either localised repair work or to be completely relined. The works were carried out by the Oranje Riet Water Users Association.

Prior to installation, any debris was removed from the existing concrete channel and the CC delivered to site in bulk rolls. The CC was cut to profile length and laid transversely across the canal, which measured approximately 2.9m wide. A surface-to-surface bonding technique was then used, where the CC was folded back on itself by 50mm and the Canvas to Canvas contact was used to secure the joints with the overlap in the direction of water flow.

In total, 60m² of CC5™ were laid in just 3 hours, with the result of a durable, efficient and neat section of canal relined with ease and at a good rate of implementation.

The client was very happy with the results, and the joints proved to be very strong and rigid, creating a section of the canal that was now completely waterproof. The client was keen to continue observing the installed section over time in order to determine whether or not the remainder of the canal should also be lined with CC.

\*Geosynthetic Cementitious Composite Mat





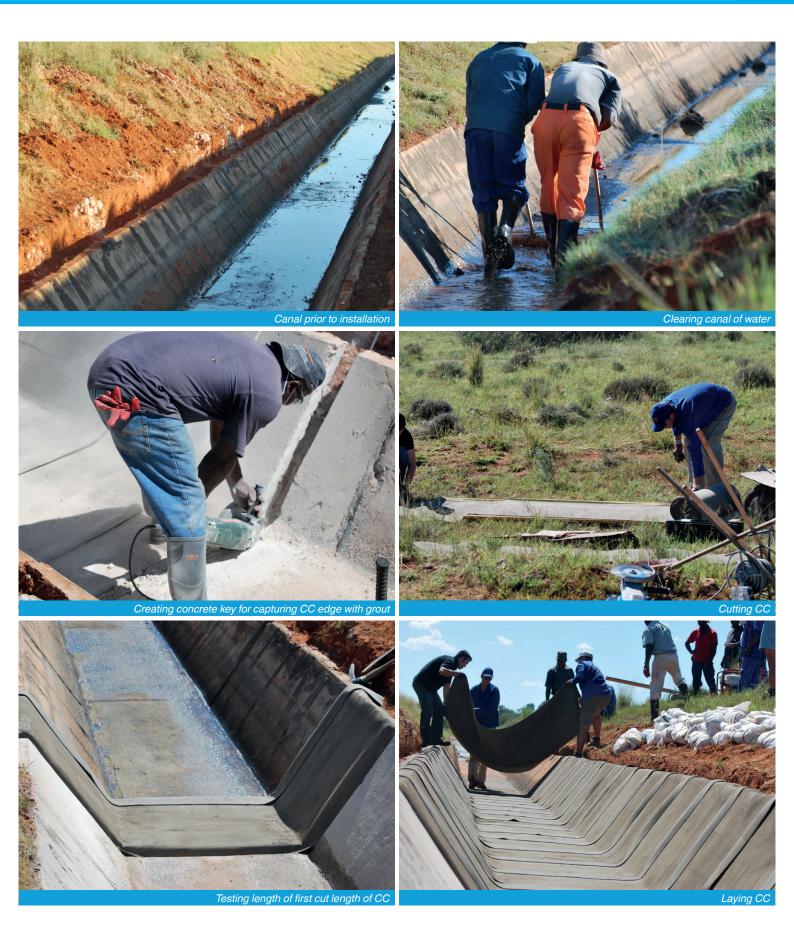






## CONCRETE CANVAS°

## REMEDIATION







## REMEDIATION







