

**FRP Pipe Leak Repair using
Clock Spring® Contour (1500mm dia)**



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1 Repair Area

Ground movement had caused a crack at a miter bend location which with applied stresses had caused a failure in the body of the main pipe. Leak found and line drained.



2 Clock Spring® Contour Application

The line was removed from service and the crack closed by moving the pipe back into the correct position and supported in place. The line was then cleaned using sand paper back to the original glass fibre surface.

All cracks were sealed using metal plates and epoxy putty. Multiple layers of Clock Spring Contour were applied in one shift to complete the repair. The repair was then supported on tampered gravel to prevent any further movement of the pipe.



3 Design Criteria

Operating Pressure	:	1.2 Barg
Operating Temperature	:	Ambient
Defect Type	:	Leak
Size	:	1500mm dia
Material	:	Fibre Glass Pipe