

# case study |

## RESIDENTIAL DRIP IRRIGATION

### Client's Brief:

To convert the existing spray irrigation system to drip and ensure that the drought stricken garden would have sufficient water to flourish.

### The Challenge:

The existing spray irrigation system was approximately 12 years old. Major repairs on the wiring and solenoid valves were required before the drip irrigation could be installed.

### Our Solution:

We performed tests to identify which parts of the infrastructure needed replacement and which parts could stay. We also performed soil tests to determine if drip irrigation was suitable and to help us complete the design of the system. Once this was done we designed a complete drip irrigation system for the gardens and the new lawn area.

Drip irrigation, when designed and installed well, provides uniform coverage with no loss of water due to foliage interruption or evaporation. Water is delivered directly to the plant roots.

Installation was completed very quickly with no disruption to the existing gardens. Within months of the installation we saw new growth on all plants, particularly well established Camellia's that hadn't seen any growth during the previous two years due to the drought.

### Client Testimonial:

'They are a clear 5 out of 5 – thoroughly obliging, professional, polite and great to deal with.'

*Mark Cashmore, Killara*



The drip pipe being tested prior to turfing



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