

case study

COMMERCIAL TURF IRRIGATION

Hornsby Shire Council

Epping Athletic Track, Epping

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Clients Brief:

Hornsby Council engaged Matthew Wilson from Total Irrigation Designers to design an irrigation system to irrigate the grassed athletic track at Epping Oval, Epping.

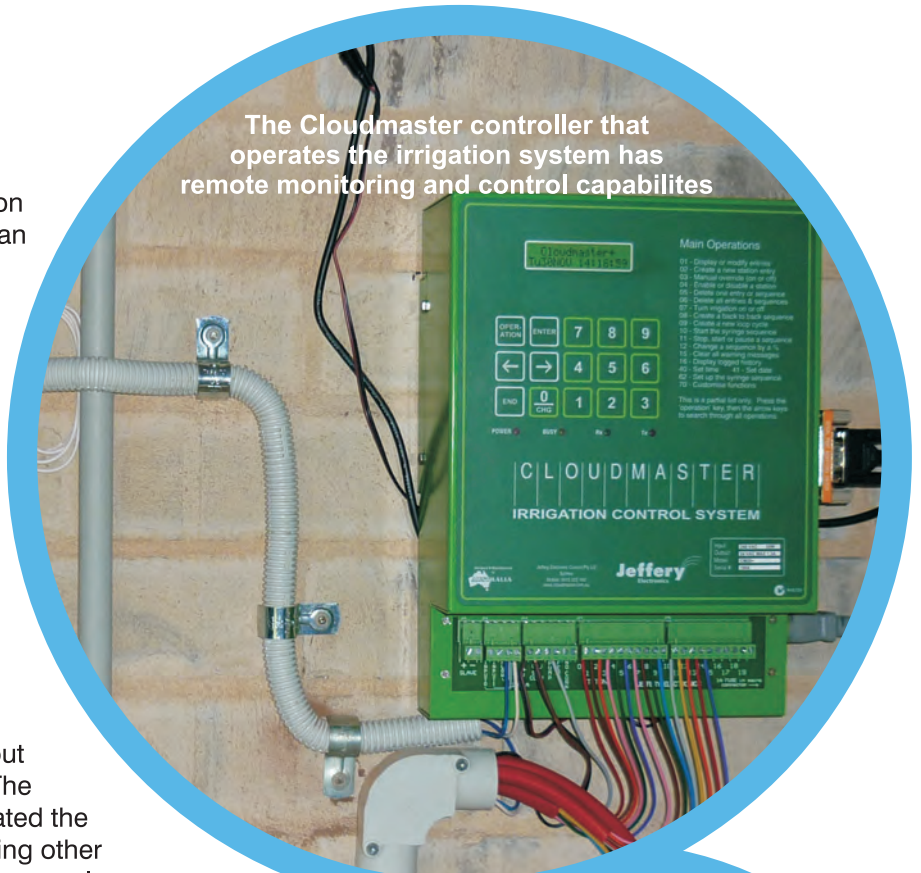
Background:

A new storm water harvesting system had been recently installed. This included 400kl of water storage that was available for re-use on the ovals irrigation system.

Our Solution:

Watermatic Irrigation performed the set out and installation of the irrigation system. The system was designed so that it only irrigated the circular running track and avoided irrigating other parts of the field. As a result of this there were a larger quantity of sprinklers and the spacing of the sprinklers were quite close compared to a traditional playing field. Hunter I-20 stainless steel pop up sprinklers were specified along with Hunter ICV solenoid valves. The system was connected to a Cloudmaster controller that was linked to the Council network of other controllers for remote control and monitoring. This was a high quality installation by Watermatic Irrigation that was completed on time and on budget.

The Cloudmaster controller that operates the irrigation system has remote monitoring and control capabilities



The Hunter I-20 sprinklers being tested during commissioning



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