



CASE STUDY

Installation of Sentek Soil Moisture Sensors

Quick Facts

Client: Nolan Consulting

Location: Point Wilson, Victoria

Products: Sentek Soil Moisture Sensors

Services: Soil Moisture monitoring and installation

Date: 2014

Ref: HT 14 - 4907

Assignment

- HydroTerra to assess the damage of Sentek soil moisture equipment across the whole site
- To re-install 4 of the soil moisture probes that were damaged, out of the 12 previously installed
 - The probes were damaged due to a grass fire that had occurred on the 4th and 5th of January 2014.

HydroTerra Solution

- HydroTerra staff visited the project site to assess damage and re-install soil moisture probes
- Assessment of site included testing the system, inspecting wires and checking for valid readings with probes in place
- Probes were inspected for the presence of gas gaps from the installation process or as a consequence of clay shrinking from the access tube (when necessary the top 15cm of soil was removed and replaced with a non-cracking loam).
- A rubber collar was fitted around the base of the probes to help reduce the instance of cracking and water running down the side of the access tubes.

