

Barrabool Hills Baptist Church, Geelong West, Australia



Photo is representative, not actual site.

IRRIGATION CONTRACTOR:

Rural & Turf Irrigation

COMPLETION DATE:

Ongoing

RAIN BIRD PRODUCTS:

- ESP-LXD Decoder Controller
- 1804 SAM Sprays
- Rotary Nozzles
- 3504 SAM and 5004 SAM Rotors
- DVF and PEB Series Valves

PROJECT OVERVIEW:

Located in Australia, the Barrabool Hills Baptist Church sought to upgrade its irrigation system in conjunction with a major redevelopment of its expansive site. The project scope included a substantial investment in water harvesting, a new pump station and several areas of drought-tolerant grass.

CHALLENGE:

The Barrabool Hills site features numerous slopes and rocky areas. In addition, the phased project demanded a solution that could grow as construction progressed over a period of years. To contend with a challenging climate and help manage its complex watering needs, the site also planned to implement central control at a later date.

SOLUTION:

The Rain Bird® ESP-LXD Decoder Controller leaves the door open for easy system expansion, while also offering the option of central control at a reasonable price point. Beyond the site's control technology, Seal-A-Matic™ (SAM) rotors and sprays help prevent low-head drainage at the bottom of slopes. Installed on 1804 Spray Heads, Rotary Nozzles offer design flexibility and highly efficient water distribution from 13 to 24 feet.

COST AND WATER SAVINGS:

While documented water savings are not yet available due to the ongoing nature of the project, the easy-to-program ESP-LXD Decoder Controller resulted in time and labor savings during installation. Furthermore, because of the efficiency of two-wire control, the site significantly reduced its copper wire costs.