

Margaret River Lower Western Oval Construction



Project Description

Leeuwin Civil was engaged by the Shire of Augusta Margaret River to construct a full-sized playing field (oval) at Gloucester Park in Margaret River. The area was the last of the sections to be allocated and had an area totalling 12,000m².

Scope of Works

Leeuwin Civil was responsible for:

- the application of any environmental controls – e.g. relocation of endangered species, silt curtains;
- vegetation clearing;
- supply and installation of sand/fill (totalling 14,000m³);
- sub soil drainage system installation;
- irrigation system installation, connection to existing system and commissioning;
- turf installation, mowing and top dressing; and
- installation of minor drainage works.

Challenges and Outcomes

Stringent environmental controls were put in place to capture any rare fauna before clearing works commenced. As a result, two critically endangered Western Ringtail Possums were relocated to an alternative safe area.

Silt fencing (using blue metal edging) was also installed to prevent run-off into a local stream, due to the low-lying nature of the site.

When proof rolling was performed following clearing parts of the ground failed. This was remedied by deploying additional resources, including a further 1,000 m³ of imported sand to replace the unsuitable material.

Subsoil drainage was then installed. A special topsoil mix using sand provided by Leeuwin Civil was placed in a 250mm layer, and an irrigation system installed and commissioned.

New turf was then laid out and 2-3 weeks later the turf was mowed and top-dressed before site hand-over to the Shire.

As a result of the proactive measures taken by Leeuwin Civil, the project was completed in 3-months as opposed to the allocated 6-month programme schedule - half the time anticipated by the Shire.



Location

Margaret River, WA

Dates

Sept 2018 - Dec 2018

Client

Shire of Augusta,
Margaret River

Designer

Shire of Augusta,
Margaret River

Project type

Bulk earthworks, subsoil
drainage, irrigation
installation and turfing

Cost

\$640,000

Job Number

2013

Referees

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