



Name **MAGENTA SHORES**
Residential & Golf Course Development

Client Mirvac Developments



Project Description

- Bulk and detailed earthworks
- 18 hole golf course
- Stormwater drainage
- Materials transportation
- Dam and clarification pond construction
- Concrete structures
- Roads & associated works incl. intersection with main road
- Water supply and sewer services

Site Location

Magenta Shores

Value

\$18 million (Project = \$520 million)

Duration

2003 – 2006

Referees

Project Manager - Gavin Rea 02 9080 8000

Civil Consultant - Johnson & Partners

Environmental Consultant - Anne Clements & Assoc.

Key Personnel

Supervisor – Rod Lang





Significant Achievements

Magenta Shores is a 100 Ha integrated tourism and residential golf course development by Mirvac P/L that comprises 360 residential lots and resort villas, a 5 star all-suite Quay West Resort with associated conference and recreational facilities, and an 18-hole resort golf course. Total value of the project is \$520 M.

The site is one big sandhill 2.4 km long and up to 600m wide located on the North Entrance peninsula between Tuggerah Lake and the Pacific Ocean. A large portion of the site has previously been sand mined with another area used as a Council garbage tip. Surrounding the site were areas of Littoral Rainforest, Bangalay Open Forest, Banksia Woodland and coastal scrub some of which is being preserved as part of the development.

The scale of the earthwork was enormous with 1.3 million cubic metres of material moved and cuts made up to 18 metres deep to carve the project out of the sand. The Client, Mirvac, insisted as part of the tender process that Global Positioning Systems (GPS) be used for surveying and machine control for the work. This provided extra scope for innovation and efficiencies especially with the golf course as GPS and computer modelling allows for continuous definition of surfaces and the accurate reproduction of any surface shape.

Extent of Involvement & Role of Proponent (S)

Daracon was the principle contractor on this project. National Vegetation was enlisted to do the mulching of trees and mowing of area.

