

# Berrinba Wetlands

South West 1 Enterprise Park—Browns Plains Rd, Logan City



- Emergency vehicle bridges
- Pedestrian bridges
- Swale drain bridges
- Boardwalk crossings
- Bollards
- Decks
- Handrails
- Stainless wires
- Barbecue shelter lining
- Directional signage
- Timber barriers

In July 2007 Outdoor Structures Australia (OSA) started work on the most impressive public works project it has ever undertaken, the bridges at South West 1 Enterprise Park (Berrinba Wetlands). Neumann Contractors engaged OSA initially to supply and install a series of long span bikeway bridges capable of taking emergency vehicles. These bridges were further complicated by requiring a flood load of 3 m/s and needing sophisticated foundations. Handrails on all bridges subject to inundation had to be frangible.

OSA has delivered these high performance bridges on budget and on time and very importantly, to the extreme satisfaction of all the stakeholders.

As the project progressed, OSA's involvement in the South West 1 Enterprise Park increased. We were ultimately called on to supply a wide range of our products. The success of this project is in no small way linked to the high quality of the OSA products used.



The project reached practical completion in June 2008.

The bridges of Berrinba Wetlands were completed despite very difficult site conditions. The return of a rainy season after years of drought made the construction of the foundations difficult. Site access was also limited. As well there were very demanding and complex environmental requirements imposed on the site.

Open this case history and see why our clients are impressed.



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# Credits

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# South West 1 Enterprise Park

## (Berrinba Wetlands)

South West 1 is a world class 120 hectare integrated environmental, recreational and enterprise precinct. Once completed, South West 1 is expected to create up to 2000 jobs. It will provide a significant variety of recreational and environmental spaces for business users and local residents alike.

### The Scrubby Creek Catchment

A key feature of the development is a series of water bodies that were formed from about 1970 to 1990 from local sand mining activity. These lagoons have stunning visual appeal and have developed into a natural haven for fauna and bird life since commercial mining activity ceased in the area.

### The Berrinba Wetlands Park

Over \$12 million has been allocated from the project for the creation of the adjoining 80-hectare Berrinba Wetlands Park and when completed will become a major recreational and environmental asset to the City of Logan and its residents. There is a large scale re-vegetation and restoration component and a broad range of public use facilities have been incorporated into the design including a network of walking and bike tracks, information facilities and family picnic spots. This central public area is located near the wetlands lagoons and will offer a safe, peaceful outlook with full facilities for daytime enjoyment.

### Interpretive/Information Centre

A broad range of visitors will have access to the parkland facilities, which include a high tech information centre providing interactive and static displays showcasing the cultural heritage and ecological assets of the area. Groups will be encouraged to use the resource for educational purposes and menu-driven displays will be readily upgradeable and changeable to maximise interest levels. The Information Centre is vandal resistant, having advanced security systems as an integral feature.

### Walking Tracks and Bikeways

More than 6 km of walking and bike tracks are being incorporated into the parkland design. These tracks are wide concrete pathways, many suitable for disability access, and have been designed to work with and highlight the natural features of the area.

A number of low bridges also capable of carrying maintenance and emergency vehicles is also included.

### Picnic and Playground Facilities

Safe, modern, low maintenance picnic and playground structures are another feature of the design. The landscape architects have gone to considerable length to optimise the layout of the public facilities and to create useful, functional spaces in safe, pleasant surroundings for the enjoyment of all ages.





