



Alcoa Pinjarra Wetland Project

Initiated by Greening Australia WA and facilitated by PHCC's Rivercare Program, this water quality improvement project implemented water sensitive urban design principles, to retrofit the 3 drains that received 50% of the town of Pinjarra's stormwater and restore the wetland through which they flow. Restoration activities improved habitat for aquatic and terrestrial fauna, while reducing nutrient and sediment export to the Murray River just 500m downstream. The rehabilitated wetland, now officially named "Moorni Kep Park" also improves the water quality of the receiving waterbody, the Ramsar-listed Peel-Harvey Estuary in Western Australia.

FUNDING PROGRAM

Natural Heritage Trust II (NHT II) and National Action Plan for Salinity and Water Quality – SWCC Regional NRM Investment Plan 2006-2008

PHCC PROGRAM

Improving Water Quality in the Peel-Harvey Estuary and Associated rivers (WQ 01 P-H Water Quality Recovery 06/08)

PHCC PROJECT

Alcoa Pinjarra Wetland Project

FUNDING

NHT II Grant: \$65,000

Alcoa: \$100,000

Other: \$20,000

Co-contributions (in-kind): \$75,000

STAKEHOLDERS

- Alcoa
- Bilya Nyoongar Organisation
- Greening Australia WA
- Shire of Murray
- Green Corp

ACTIONS/ACTIVITIES/OUTCOMES:

- Technical design
- 3 drains converted to swales (441 m),
- Riffle installed
- Wetland rehabilitated including removal of historic "fill"
- 11,000 sedges and rushes planted
- 4,000 trees and shrubs planted
- Community Days - planting and cleanup (ongoing)
- Weed control (*Typha orientalis*, *Kikuyu* and *Euc. camaldulensis*)
- Construction of pedestrian bridge
- Interpretive signage
- Submission for formal, culturally appropriate naming of the park