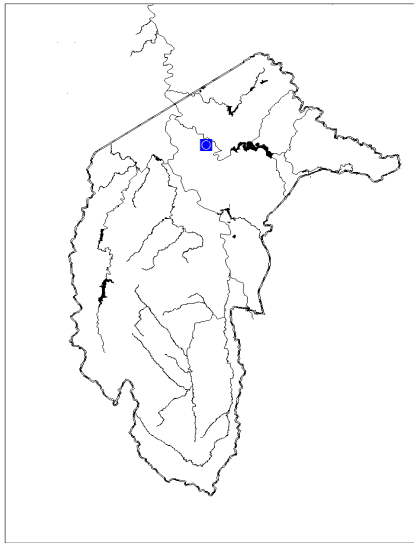


# 9.4 Coppins Crossing—Molonglo River

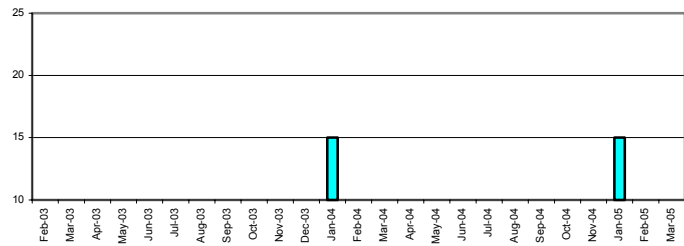


Water quality

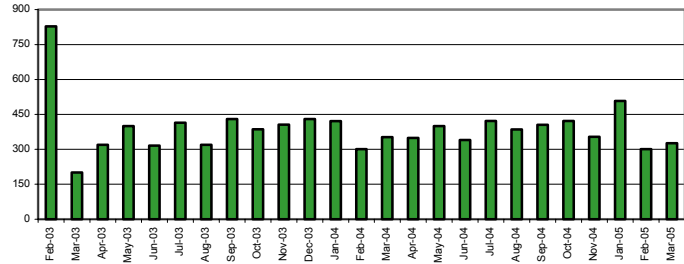
## Participant comments: Dunlop Group

- Occasional slight rainfall recorded within 24 hrs of monitoring had no impact on results.
- Relationship between lower flows and temperature and a slight increase in algae and low dissolved oxygen.
- No river erosion, however, hill slopes are bare in forestry area.
- No noticeable sedimentation.
- Road bridge used for dumping of various items including car parts and rubbish.
- Some Casuarina trees badly burnt and died while others are recovering.
- Willows burnt but survived fire.
- Weed species are flourishing amidst casuarinas killed by fires.
- Regeneration on only some casuarinas.
- Carp seen swimming upstream.
- Car parts abandoned at site (doors, boot cover, etc).
- Variety of birds present, fantails, moorhens, wrens, robins and currawongs and a Muscovite duck.
- A safe was found and tent, police were alerted.

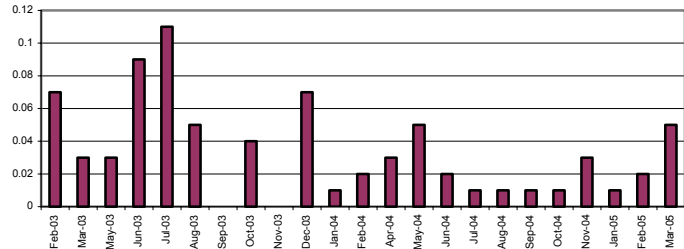
Turbidity NTU



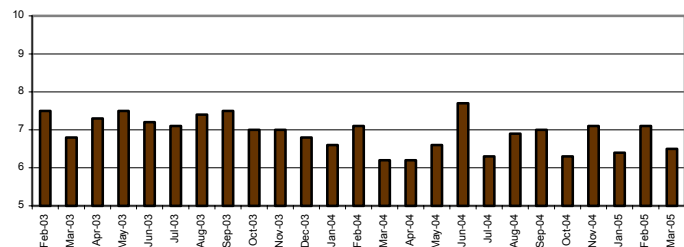
Electrical Conductivity uS/cm



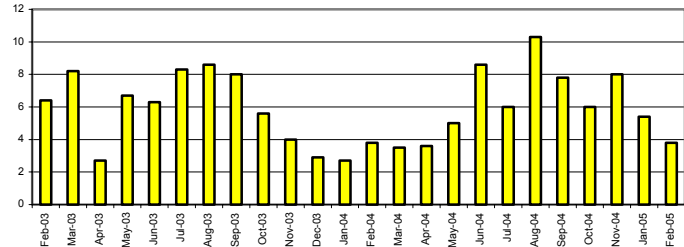
Ortho Phosphorus Mg/L P



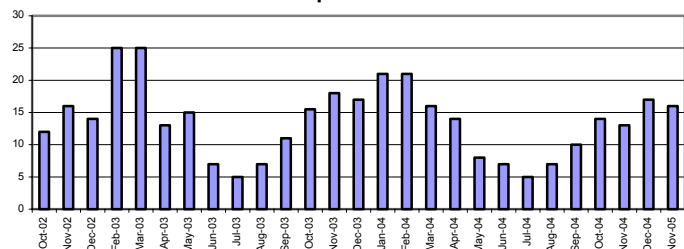
pH



Dissolved Oxygen Mg/L



Temperature C



## Habitat recovery upstream



February 2003



March 2003



November 2003



January 2004



August 2004



March 2004



November 2004



February 2005



May 2005

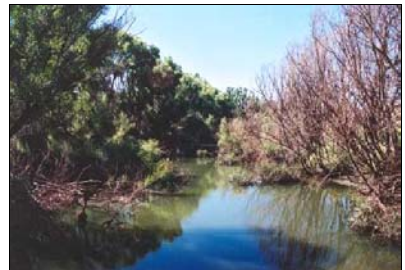
## Habitat recovery downstream



February 2003



March 2003



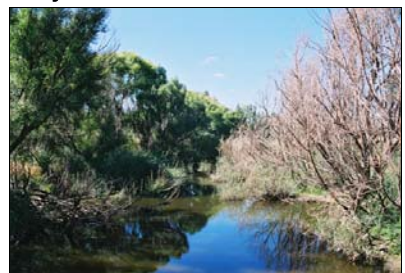
May 2003



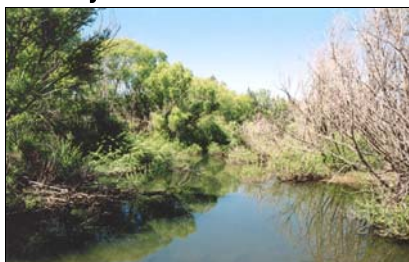
January 2004



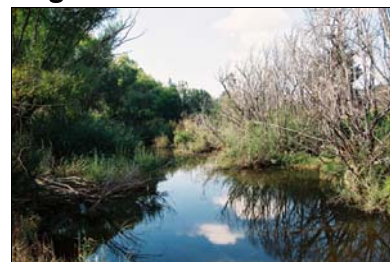
August 2004



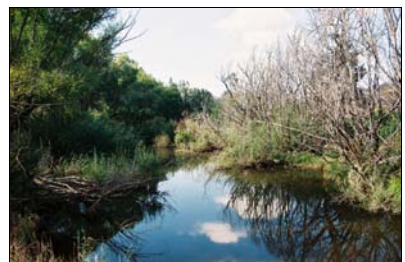
March 2004



November 2004

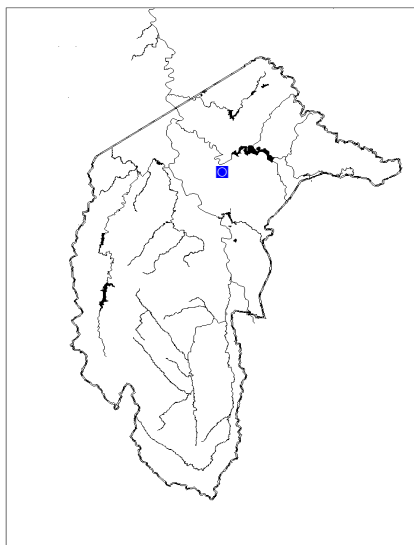


February 2005



May 2005

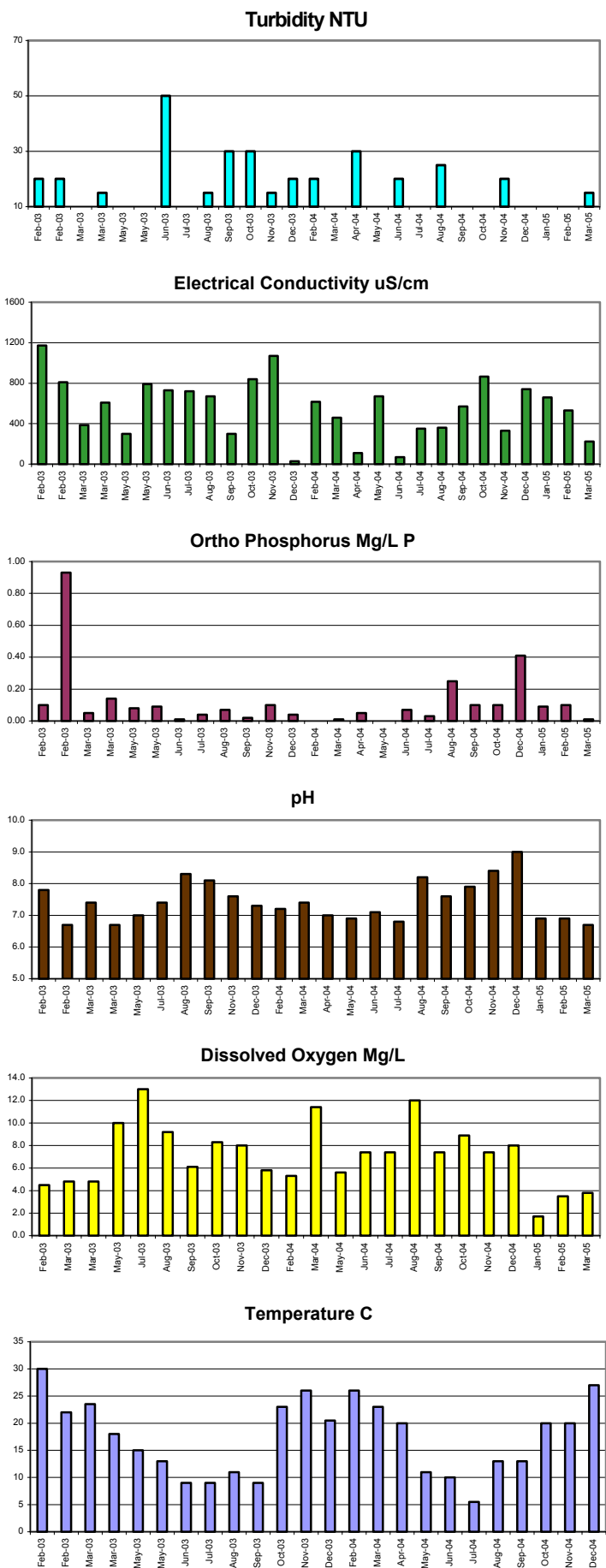
# 9.5 Weston Creek GPT–Weston Creek



## Water Quality

### Participant comments: R. Taylor

- Site below GPT, so plenty of waste and rubbish.
- Large deposits of rubble (like a dam) obstructing the flow of the creek just upstream of the sampling point. Ducks present in pool. Ducks present in pool.
- July: There is an unpleasant smell-stagnant water with a bit of sulphur.
- Dumping common in area, including washing machines.
- Turbidity increase after rain.
- Pine forests removed in August.
- October: Lush green growth on creek banks. 2 ducks 1 plover. Algae floating on surface.
- Fuel reduction burns in October.
- September: Dumped rubbish removed. Wildlife includes Heron, ducks and frogs.
- Algal blooms occurring.
- Water turned white/green and turbid possibly in connection to cement dust from near-by work site.
- Rubbish always present.
- Nearly all trees gone, but herbaceous plants have grown quite tall.
- Some bulldozing carried out on bank near sample site made unsuitable by construction and moved.
- Creek was sometimes blocked by construction.
- Lush plant regrowth post construction and rains.
- Large deposit of rubble damming flow of creek just upstream of site.
- Unpleasant smell of stagnant water and sulphur.



## Habitat recovery upstream



February 2003



November 2003



November 2003



January



May 2004



August 2004



August 2004



February 2005

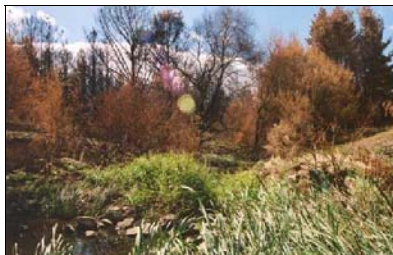


May 2005

## Habitat recovery downstream



February 2003



March 2003



November 2003



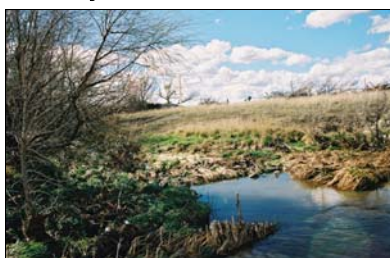
January 2004



August 2004



August 2004



August 2004



February 2005



May 2005