

**BROOK STREAM WORKSHOP
CONCLUSIONS AND RECOMMENDATIONS
12 NOVEMBER 2008**



Manuka Street Ford

Conclusions

1. There are three main fish passage issues;
 - energy dissipator below Nile Street culvert and channel immediately upstream on the true left
 - Manuka Street Ford
 - ramp at the entrance to the concrete open channel section
2. There was general consensus among workshop participants on how the fish passage issues could be addressed.
3. There is a need for on-going collaboration between engineers and fish passage experts during the design, construction and monitoring stages of the fish passage solutions.

Recommendation

Application for a further Envirolink small or medium advice grant to obtain further scientific input to the engineering design and fish monitoring for;

Nile Street

- Bolt on ramp fish pass at ramp below Nile Street culvert
- Baffles within Nile Street culvert, if necessary
- Continuation with rocking the channel bed into the culvert on the true left or
- Placing a low angle bottom edge to the culvert

Manuka Street Ford

- removal of existing culverts

Concrete Open Channel Section

- Ramp modifications at entrance to concrete open channel section
- Rocks or other structures on 600m channel bed to provide escape cover and resting opportunities for fish, if necessary.