

## Fish Creek Lochinvar Lane grade control fishway

PS09



(Photo: Ross Kapitzke 06/01/08)



(Photo: Ross Kapitzke 18/01/10)



(Photo: Ross Kapitzke 11/08/10)

- 0 Lochinvar Lane grade control fishway project is located at Fish Creek – a tributary of Enoggera Creek in Brisbane
- 0 Fish Creek is a valued waterway in Brisbane's western suburbs and hosts up to 6 native freshwater fish species
- 0 the structure is a barrier to fish migration under most flow conditions and is the most downstream barrier in the creek system
- 0 project developed through collaboration with Dept of Infrastructure and Planning & Brisbane City Council – 2010 construction

CLIENT AND PARTNERS



Department of Infrastructure and Planning



Brisbane City Council



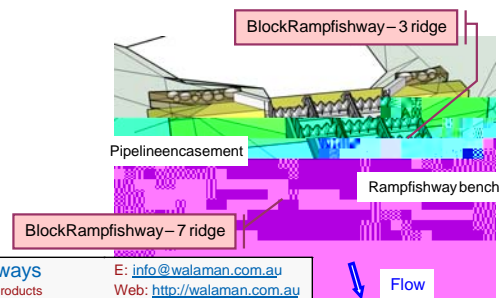
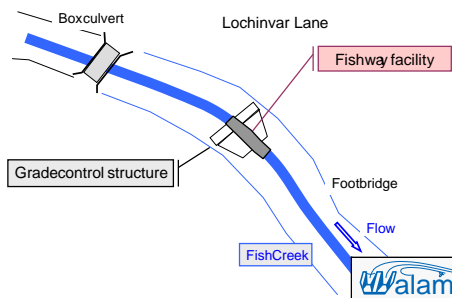
PROJECT OBJECTIVES

- x provide for upstream fish passage at structure
- x retain integrity and function of control structure
- x enhance ecological value of stream corridor
- x provide demonstration site for community

SCOPE OF WORK

- x concept design of fishway facility
- x specialist construction guidance for fishway facility
- x design and development of grade control fishway
- x hydraulic and biological monitoring and evaluation

development of fishway technology for small waterway structures (e.g. road culverts). Fish passage facilities (e.g. baffles) are designed to meet multipurpose requirements, overcome hydraulic barriers (e.g. high velocities, water drop), and mitigate concrete impacts. Scope of services includes catchment prioritisation and/or scale planning, site sign and evaluation, product development.



Walaman Prefabricated fishway products  
 E: [info@walaman.com.au](mailto:info@walaman.com.au)  
 Web: <http://walaman.com.au>



CONTACT

Ross Kapitzke, Environmental Engineer

Ph: 0402 316 404

Web: <http://www.jcu.edu.au/fishpassagedesign>

E: [ross.kapitzke@jcu.edu.au](mailto:ross.kapitzke@jcu.edu.au)

