

## **Simon Barker**

BE (Env)

email: [Simon.Barker@fsaconsulting.net](mailto:Simon.Barker@fsaconsulting.net)

Mobile: 0428 - 783 101

Simon Barker joined Feedlot Services Australia Pty Ltd (T/A FSA Consulting) in September 1998. He is a Design Engineer with this firm. His skills include effluent and solid waste management, treatment and reuse; soils analysis and investigations; surface water monitoring and water flow modelling. These skills have been used for the preparation of licence applications for intensive livestock facilities including pigs, cattle and aquaculture. Simon is also experienced in accurate earthworks calculations for large scale, agricultural, mining and civil tenders.



For four months during 1998, Simon was employed as a Project Engineer for Gilbert and Sutherland. During this time, he was involved in soil and water sampling, testing and modelling; and other soil and water resource consultations.

### **Fields of Special Competence**

- Preparing environmental impact assessment and environmental management plans for intensive livestock, abattoirs and other industries.
- Designing and sizing effluent treatment and reuse facilities using computer modelling (e.g. MEDLI, Pigbal).
- Developing AUS-Meat quality assurance manuals for feedlots including EU requirements.
- Sizing of detention basins for intensive agriculture and retention basins for overburden stockpiles.
- Water storage and flood irrigation designs.
- Earthworks calculations for agriculture, mining and other civil projects.
- Preparation of Overland Flow Certification of Works reports.
- Developing environmental training packages for the Meat and Egg Chicken Industries.