

**Position:**

Senior Consultant

Qualifications:Dip of Project
ManagementAss. Dip of Civil
Engineering**Professional****Associations:**The Institution of
Engineers AustraliaAustralian Water
Association (AWA)Irrigation Australia
(IAL)**INTRODUCTION**

Alistair Brooks has over 29 years' experience in the water resource sector and established his own company (Tas Water Consulting) in 2008. Alistair joined Macquarie Franklin as a senior consultant in 2011 and specialises in water resource management, project management, water monitoring solutions, and water development projects.

Alistair is able to provide his clients with practical, relevant advice based on his wealth of experience in all facets of water resources.

Alistair has led numerous water related projects, providing services to a broad range of clients from individuals to agribusiness and government.

Alistair has specific skills in project management and technical experience in water management and environmental monitoring.

PROFESSIONAL EXPERIENCE

2011 - Present: Senior Consultant - Macquarie Franklin

2008 - 2011: Tas Water Consulting (Owner and Director)

2003 - 2008: Section Head of Water Monitoring - DPIPWE

2005 - 2006: Acting Manager of the Water Management Branch - DPIPWE

1999 - 2003: Project Manager of Clean Quality Water Program - DPIPWE

1990 - 1999: Regional Water Management Officer - DPIPWE

1987 - 1989: Assistant Hydrographer

RECENT PROJECTS

- Water Monitoring advice and data collection to various clients including:
 - Tasmanian Irrigation Pty Ltd
 - Tassal and Huon Aquaculture
 - TasWater
 - Department of Primary Industries, Parks, Water and Environment
 - Bass Metals – Hellyer Mine
 - Cradle Mountain Water and Southern Water
 - Servup Fisheries
 - Various individual landowners
- Project Manager (2011 to 2013) for TasWater Management & Monitoring Services: Clarence, Penna & Brighton Recycled Water Schemes
- Various water development projects for Tassal
- Irrigation Scheme management for Tasmanian Irrigation Pty Ltd

Areas of Expertise

- Water resource assessments and development planning
- Project Management
- Supervision of water related construction projects
- Water Monitoring Solutions
- Wastewater Reuse Scheme Advice
- Sewage Lagoon Upgrade Advice
- Dam Feasibility and Assessments
- Engineering Surveillance Reporting on Dams
- Water Licence Assessments
- Irrigation Feasibility
- Community Group and General Water Advice

**Macquarie Franklin
Expertise**

- Economic studies
- Business and farm management
- Feasibility studies

- Sub-contract work for Macquarie Franklin (formerly ARM) on development of the Water Management Report component of Property Management Plans for farmers across Tasmania. This work also includes the development of Farm Water Access Plans as part of the Tasmanian Irrigation Development Board (TIDB) irrigation schemes
- Detailed technical review of the Derwent River Catchment for NRM South, 2010/11
- Sub contract with Entura (formerly Hydro Tasmania Consulting) on the Tasmanian Water Use Management Project, coordinating and liaising with landowners on the installation of telemetry on water meters, 2009 to 2011
- Ongoing - Dam site assessments and the preparation of dam permits and water allocation applications for numerous clients across the State
- Preparation of Dam Surveillance Reports and Dam Safety Emergency Management Plans for various clients

PAST PROJECTS / ROLES WITH FORMER EMPLOYER (DPIPWE):

Alistair worked for the Department of Primary Industries, Water and Environment (DPIPWE) for 21 years in the water resource sector. Some of Alistair's work experience over this period included:

- Design, supervision and implementation of the extension to the States Water Monitoring Program. This project involved the construction of 24 additional water monitoring flow sites across Tasmania
- Leading and managing the Water Monitoring Section of DPIPWE, 2003 to 2008
- Leading and managing the Water Management Branch of DPIPWE, June 2005 to Feb 2006. Including, overseeing the Blackman Dam failure incident near Tunbridge. This role involved a high level coordination role with Tasmanian Police, SES, Dam Engineers, Local Government and other stakeholders
- Project Manager of the Commonwealth NHT funded Clean Quality Water Program, 1999 to 2003. This role involved the assessment and allocation of funding to various town water and sewage related projects across Tasmania. The role also included undertaking technical / engineering assessments of sewage treatment plants and the subsequent recommendations of upgrades for each plant. A large component of the project was the initial establishment of effluent reuse schemes in Tasmania
- Regional Water Management Officer for DPIPWE (1990 to 1999).The role was responsible for the implementation of policies and regulatory requirements for water management across Southern Tasmania